VACUUM CLEANER
CATALOG

Edition: **1.0.A**

INDEX

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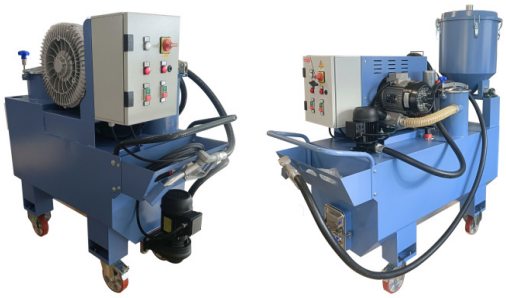

SINGLE PHASE - FM

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FM1

TECHNICAL DATA

• **Power**		kW - HP | Hz	1,0 | 1,3
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230/240
• **Amperages**		A	4,5
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	240
• **Maximum air flow**		m^3/h	165
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	25 | Ø50
• **Weight**		kg	24
• **Noise level** [d)]		dB (A)	67
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | Ø150 - Ø100 | Ø50
• **Overall dimensions**	Lu x La x H		620 x 550 x 1040
• **Packing dimensions**	Lu x La x H		800 x 800 x 1200
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	7000 - 0,7 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	14.000 - 1,4 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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FMB1

TECHNICAL DATA

• **Power**		kW - HP | Hz	1,0 | 1,3
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230/240
• **Amperages**		A	4,5
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	240
• **Maximum air flow**		m^3/h	165
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	25 | Ø50
• **Weight**		kg	24
• **Noise level** [d)]		dB (A)	67
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | Ø150 - Ø100 | Ø50
• **Overall dimensions**	Lu x La x H		620 x 550 x 1040
• **Packing dimensions**	Lu x La x H		800 x 800 x 1200
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	7000 - 0,7 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	14.000 - 1,4 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FM1.022

TECHNICAL DATA

• **Power**		kW - HP | Hz	1,0 | 1,3
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions** [1) 2)]		V	230/240
• **Amperages**		A	4,5
• **Electrical cable**			9 | 2P + T 16A
• **Electrical protection** [a)]			IP65
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum** [3)]		mbar	240
• **Maximum air flow**		m^3/h	215
• **ATEX marking** [4)]			II3D T135°C
• **Dust bin**	Container capacity | Container wheels	L | mm	25 | Ø50
• **Weight**		kg	48
• **Noise level** [d)]		dB (A)	66
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | Ø150 - Ø100 | Ø50
• **Overall dimensions**	Lu x La x H		525 x 527 x 1040
• **Packing dimensions**	Lu x La x H		900 x 700 x 1200
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester antistatic | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	12.000 - 1,2 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	14.000 - 1,4 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FM1H

TECHNICAL DATA

• **Power**		kW - HP | Hz	1,0 | 1,3
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230
• **Amperages**		A	4,5
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	250
• **Maximum air flow**		m³/h	175
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	25 | Ø50 / Ø40
• **Weight**		kg	24
• **Noise level** [d)]		dB (A)	67
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | Ø150 - Ø100 | Ø50
• **Overall dimensions**	Lu x La x H		620 x 550 x 1040
• **Packing dimensions**	Lu x La x H		800 x 800 x 1200
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm² - m² | mm	7000 - 0,7 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm² - m² | mm	14.000 - 1,4 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm² - m² | m³/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FM2-60

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,0 - 2,7 | 50 - 60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230
• **Amperages**		A	9
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	240
• **Maximum air flow**		m^3/h	350
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	60 | Ø60
• **Weight**		kg	59
• **Noise level** [d)]		dB (A)	69
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		750 x 649 x 1452
• **Packing dimensions**	Lu x La x H		800 x 800 x 1500
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in " M " filtration class	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FM3-60

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4,0 | 50 - 60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230
• **Amperages**		A	13,5
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	240
• **Maximum air flow**		m^3/h	510
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	60 | Ø60
• **Weight**		kg	62
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		750 x 649 x 1452
• **Packing dimensions**	Lu x La x H		800 x 800 x 1500
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in " M " filtration class	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FM2-100

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,0 - 2,7 | 50 - 60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230
• **Amperages**		A	9
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	240
• **Maximum air flow**		m^3/h	350
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	100 | Ø60
• **Weight**		kg	66
• **Noise level** [d)]		dB (A)	69
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		750 x 649 x 1652
• **Packing dimensions**	Lu x La x H		800 x 800 x 1700
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in " M " filtration class	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FM3-100

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4,0 | 50 - 60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230
• **Amperages**		A	13,5
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	240
• **Maximum air flow**		m^3/h	510
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	100 | Ø60
• **Weight**		kg	68
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		750 x 649 x 1652
• **Packing dimensions**	Lu x La x H		800 x 800 x 1700
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in " M " filtration class	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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FML2

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,0 - 2,7 | 50 - 60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions** [1) 2)]		V	230
• **Amperages**		A	9
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum** [3)]		mbar	240
• **Maximum air flow**		m^3/h	350
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	Endless bag
• **Weight**		kg	58
• **Noise level** [d)]		dB (A)	69
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		750 x 649 x 1652
• **Packing dimensions**	Lu x La x H		800 x 800 x 1700
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in " M " filtration class	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FML3

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4,0 | 50 - 60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions** [1) 2)]		V	230
• **Amperages**		A	13,5
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum** [3)]		mbar	240
• **Maximum air flow**		m^3/h	510
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	Endless bag
• **Weight**		kg	60
• **Noise level** [d)]		dB (A)	69
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		750 x 649 x 1652
• **Packing dimensions**	Lu x La x H		800 x 800 x 1700
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in " M " filtration class	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

THREE-PHASE - ECO - FB SERIES

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FB246

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,2 - 3,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	9,7 | 5,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	225 | 210
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	118
• **Noise level** [d)]		dB (A)	69
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		1164 x 637 x 1542
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1560
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FB246-60

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,2 - 3,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	9,7 | 5,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	225 | 210
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	60 | Ø60
• **Weight**		kg	109
• **Noise level** [d)]		dB (A)	69
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		1164 x 637 x 1342
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1360
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FB346

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	12,5 | 7,3
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	285 | 270
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	123
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		1164 x 637 x 1542
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1560
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FB346-60

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	12,5 | 7,3
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	285 | 270
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	123
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		1164 x 637 x 1542
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1560
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
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FB446P

TECHNICAL DATA

• **Power**		kW - HP | Hz	4,0 - 5,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions** [1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	16,4 | 9,5
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum** [3)]		mbar	320 | 220
• **Maximum air flow**		m^3/h	520
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	130
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		1131 x 645 x 1516
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1560
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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FB446P-60

TECHNICAL DATA

• **Power**		kW - HP | Hz	4,0 - 5,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	16,4 | 9,5
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	320 | 220
• **Maximum air flow**		m^3/h	520
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	130
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		1164 x 637 x 1542
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1560
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FB446S

TECHNICAL DATA

• **Power**		kW - HP | Hz	4,0 - 5,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	16,4 | 9,5
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	510 | 370
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	130
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		1164 x 637 x 1542
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1560
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FB446S-60

TECHNICAL DATA

• **Power**		kW - HP | Hz	4,0 - 5,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	16,4 | 9,5
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	510 | 370
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	130
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		1164 x 637 x 1542
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1560
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	310 | 260
• **Maximum air flow**		m^3/h	520
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	135
• **Noise level** [d)]		dB (A)	73
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		1164 x 637 x 1542
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1560
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
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TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	310 | 260
• **Maximum air flow**		m^3/h	520
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	135
• **Noise level** [d)]		dB (A)	73
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		1164 x 637 x 1542
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1560
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
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.022	ATEX version zone 22	
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.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
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FB546P.1

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	310 | 260
• **Maximum air flow**		m^3/h	600
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	135
• **Noise level** [d)]		dB (A)	73
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		1164 x 637 x 1542
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1560
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
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.021	ATEX version zone 21	
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FB546P-60.1

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	310 | 260
• **Maximum air flow**		m^3/h	600
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	135
• **Noise level** [d)]		dB (A)	73
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		1164 x 637 x 1542
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1560
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
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FB546S

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	480 | 450
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	135
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		1164 x 637 x 1542
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1560
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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FB546S-60

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	480 | 450
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	135
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		1164 x 637 x 1542
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1560
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FB456P

TECHNICAL DATA

• **Power**		kW - HP | Hz	4,0 - 5,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	16,4 | 9,5
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	320 | 220
• **Maximum air flow**		m^3/h	520
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	145
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø150 | Ø100
• **Overall dimensions**	Lu x La x H		1260 x 645 x 1753
• **Packing dimensions**	Lu x La x H		1300 x 800 x 1800
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FB456S

TECHNICAL DATA

• **Power**		kW - HP | Hz	4,0 - 5,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions** [1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	16,4 | 9,5
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum** [3)]		mbar	510 | 370
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	145
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø150 | Ø100
• **Overall dimensions**	Lu x La x H		1260 x 645 x 1753
• **Packing dimensions**	Lu x La x H		1300 x 800 x 1800
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FB556P

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	310 | 260
• **Maximum air flow**		m^3/h	520
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	155
• **Noise level** [d)]		dB (A)	73
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø150 | Ø100
• **Overall dimensions**	Lu x La x H		1260 x 645 x 1753
• **Packing dimensions**	Lu x La x H		1300 x 800 x 1800
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FB556S

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	480 | 450
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	155
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø150 | Ø100
• **Overall dimensions**	Lu x La x H		1260 x 645 x 1753
• **Packing dimensions**	Lu x La x H		1300 x 800 x 1800
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FB746

TECHNICAL DATA

• **Power**		kW - HP | Hz	7,5 - 10,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	16,7 | 9,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	380 | 320
• **Maximum air flow**		m^3/h	550
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	165
• **Noise level** [d)]		dB (A)	73
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 - 200 | Ø70
• **Overall dimensions**	Lu x La x H		1310 x 678 x 1561
• **Packing dimensions**	Lu x La x H		1350 x 800 x 1580
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	28.000 - 2,8 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FB756

TECHNICAL DATA

• Power		kW - HP | Hz	7,5 - 10 | 50
• Working environment temperature		°C	5 ÷ 40
• Tensions [1) 2)]		V	345 - 415 | 600 - 720
• Amperages		A	16,7 | 9,6
• Electrical cable			9 | -----
• Electrical protection [a)]			IP55
• Thermal class [b)]			F
• Energy rating [c)]			IE2
• Maximum depression | Nominal vacuum [3)]		mbar	380 | 320
• Maximum air flow		m^3/h	550
• ATEX marking [4)]			Available
• Dust bin	Container capacity | Container wheels	L | mm	102 | Ø60
• Weight		kg	165
• Noise level [d)]		dB (A)	74
• Diameters	Filter | Wheels | Material inlet	mm	Ø560 | Ø150 - 200 | Ø100
• Overall dimensions	Lu x La x H		1356 x 733 x 1772
• Packing dimensions	Lu x La x H		1400 x 800 x 1800
• Primary Filter			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• Automatic filter cleaning - Optional (.008)			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• Absolute suction filter - Optional (.005)			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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FB756-1

TECHNICAL DATA

• **Power**		kW - HP | Hz	7,5 - 10,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	16,7 | 9,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	280 | 260
• **Maximum air flow**		m^3/h	700
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	166
• **Noise level** [d)]		dB (A)	73
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø150 - 200 | Ø100
• **Overall dimensions**	Lu x La x H		1356 x 733 x 1772
• **Packing dimensions**	Lu x La x H		1400 x 800 x 1800
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FB746.1

TECHNICAL DATA

• **Power**		kW - HP | Hz	7,5 - 10,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	16,7 | 9,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	420 | 380
• **Maximum air flow**		m^3/h	810
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	165
• **Noise level** [d)]		dB (A)	73
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 - 200 | Ø70
• **Overall dimensions**	Lu x La x H		1310 x 678 x 1561
• **Packing dimensions**	Lu x La x H		1350 x 800 x 1580
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	28.000 - 2,8 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FB756.1

TECHNICAL DATA

• **Power**		kW - HP | Hz	7,5 - 10 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	16,7 | 9,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	420 | 380
• **Maximum air flow**		m^3/h	850
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	165
• **Noise level** [d)]		dB (A)	74
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø150 - 200 | Ø100
• **Overall dimensions**	Lu x La x H		1356 x 733 x 1772
• **Packing dimensions**	Lu x La x H		1400 x 800 x 1800
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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THREE-PHASE - F SERIES

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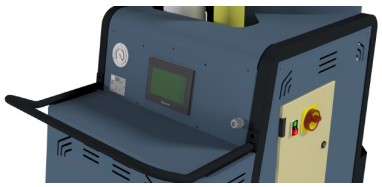
F756-1

TECHNICAL DATA

• **Power**		kW - HP | Hz	7,5 - 10 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	16,7 | 9,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	275 | 260
• **Maximum air flow**		m^3/h	700
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	285
• **Noise level** [d)]		dB (A)	74
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø150 - 200 | Ø100
• **Overall dimensions**	Lu x La x H		1444 x 794 x 1837
• **Packing dimensions**	Lu x La x H		1500 x 1000 x 1900
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.400	Industry 4.0 7" Color Touch Screen Panel	
.240		

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F756-1.029

TECHNICAL DATA

• **Power**		kW - HP | Hz	7,5 - 10 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	16,7 | 9,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	275 | 260
• **Maximum air flow**		m^3/h	700
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	285
• **Noise level** [d)]		dB (A)	74
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø150 - 200 | Ø100
• **Overall dimensions**	Lu x La x H		1444 x 794 x 1837
• **Packing dimensions**	Lu x La x H		1500 x 1000 x 1900
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.400	Industry 4.0 7" Color Touch Screen Panel	
.240		

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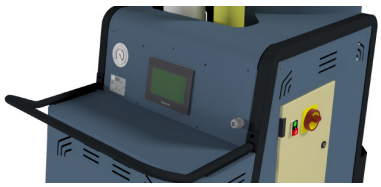
F956

TECHNICAL DATA

• **Power**		kW - HP | Hz	8,5 - 11,5 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	18,2 | 10,5
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	250 | 220
• **Maximum air flow**		m^3/h	1100
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	300
• **Noise level** [d)]		dB (A)	74
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø200 | Ø100
• **Overall dimensions**	Lu x La x H		1444 x 794 x 1837
• **Packing dimensions**	Lu x La x H		1500 x 1000 x 1900
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
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.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
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.021	ATEX version zone 21	
.022	ATEX version zone 22	
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.240		

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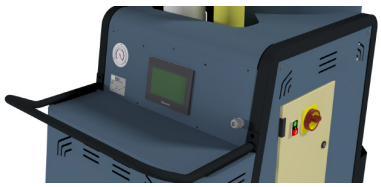
F956.1

TECHNICAL DATA

• **Power**		kW - HP | Hz	8,5 -11,5| 9,8-13,2 | 50-60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	400 - 690 | 460 - 720
• **Amperages**		A	10,4 -10| 16,5 - 9,5
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	250 | 220
• **Maximum air flow**		m^3/h	1350 - 1500
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	300
• **Noise level** [d)]		dB (A)	78
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø200 | Ø100
• **Overall dimensions**	Lu x La x H		1444 x 794 x 1837
• **Packing dimensions**	Lu x La x H		1500 x 1000 x 1900
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.400	Industry 4.0 7" Color Touch Screen Panel	
.240		

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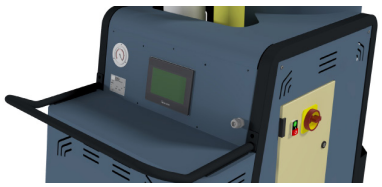
F1156P

TECHNICAL DATA

• **Power**		kW - HP | Hz	11,0 - 15,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	28,0 | 16,2
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	370 | 280
• **Maximum air flow**		m^3/h	1050
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	305
• **Noise level** [d)]		dB (A)	74
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø200 | Ø100
• **Overall dimensions**	Lu x La x H		1444 x 794 x 1837
• **Packing dimensions**	Lu x La x H		1500 x 1000 x 1900
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
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.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
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.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.400	Industry 4.0 7" Color Touch Screen Panel	
.240		

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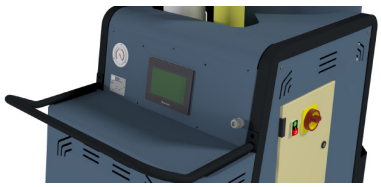
F1156S

TECHNICAL DATA

• **Power**		kW - HP | Hz	11,0 - 15,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	28,0 | 16,2
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	420 | 320
• **Maximum air flow**		m^3/h	900
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	305
• **Noise level** [d)]		dB (A)	74
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø200 | Ø100
• **Overall dimensions**	Lu x La x H		1444 x 794 x 1837
• **Packing dimensions**	Lu x La x H		1500 x 1000 x 1900
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
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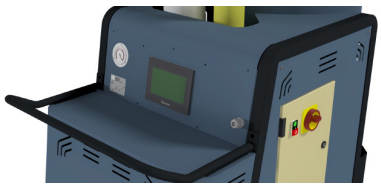
F1356

TECHNICAL DATA

• **Power**		kW - HP | Hz	12,5 - 16,9 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	28,2 | 16,2
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	440 | 350
• **Maximum air flow**		m^3/h	1100
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	360
• **Noise level** [d)]		dB (A)	75
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø200 | Ø100
• **Overall dimensions**	Lu x La x H		1444 x 794 x 1837
• **Packing dimensions**	Lu x La x H		1500 x 1000 x 1900
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.400	Industry 4.0 7" Color Touch Screen Panel	
.240		

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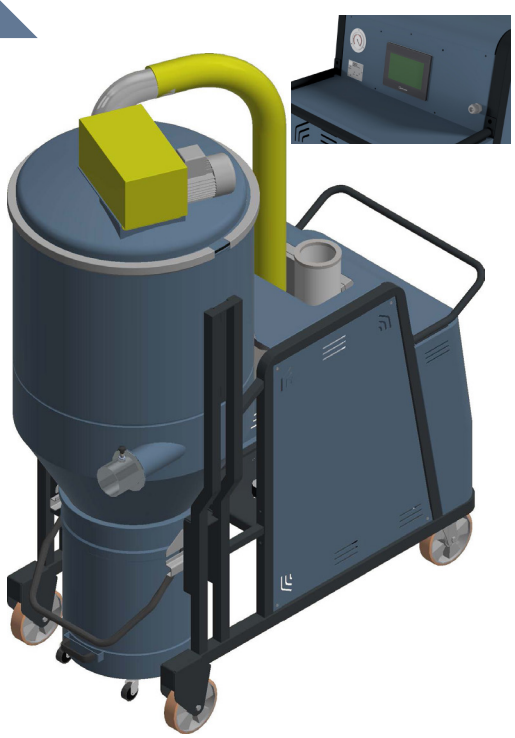
F1378

TECHNICAL DATA

• **Power**		kW - HP | Hz	12,5 - 16,9 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	28,2 | 16,2
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	440 | 350
• **Maximum air flow**		m^3/h	1100
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	385
• **Noise level** [d)]		dB (A)	75
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø780 | Ø200 - Ø250 | Ø100
• **Overall dimensions**	Lu x La x H		1724 x 864 x 2206
• **Packing dimensions**	Lu x La x H		1800 x 1000 x 2250
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	65.000 - 6,5 | Ø780
- Type of filter cleaning			Electric filter shaker with push button
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	126.400 - 12,64 | 4.530
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	130.000 - 13,0 | 1.300
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
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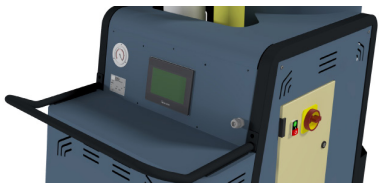
F1556

TECHNICAL DATA

• **Power**		kW - HP | Hz	15,0 - 20,2 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	35,0 | 20,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	380 | 320
• **Maximum air flow**		m^3/h	1100
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	370
• **Noise level** [d)]		dB (A)	75
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø200 | Ø100
• **Overall dimensions**	Lu x La x H		1444 x 794 x 1837
• **Packing dimensions**	Lu x La x H		1500 x 1000 x 1900
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
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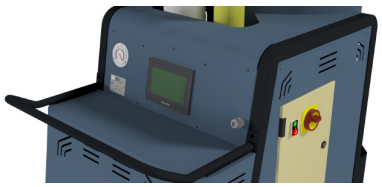
F1556S

TECHNICAL DATA

• **Power**		kW - HP | Hz	15,0 - 20,2 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	32,5 | 18,8
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	465 | 450
• **Maximum air flow**		m^3/h	550
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	370
• **Noise level** [d)]		dB (A)	75
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø200 | Ø100
• **Overall dimensions**	Lu x La x H		1444 x 794 x 1837
• **Packing dimensions**	Lu x La x H		1500 x 1000 x 1900
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



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[c)] IEC60034-2-1
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[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.400	Industry 4.0 7" Color Touch Screen Panel	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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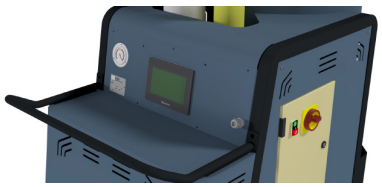
F1656P

TECHNICAL DATA

• **Power**		kW - HP | Hz	16,5 - 22,3 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	35,0 | 20,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	410 | 380
• **Maximum air flow**		m^3/h	1100
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	390
• **Noise level** [d)]		dB (A)	75
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø200 | Ø100
• **Overall dimensions**	Lu x La x H		1444 x 794 x 1837
• **Packing dimensions**	Lu x La x H		1500 x 1000 x 1900
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.400	Industry 4.0 7" Color Touch Screen Panel	
.240		

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F1578P

TECHNICAL DATA

• **Power**		kW - HP | Hz	15,0-22,5| 17,5-25,6 | 50-60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	400 - 690 | 460 - 720
• **Amperages**		A	30,7 | 29,2
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	150 | 120
• **Maximum air flow**		m^3/h	1950-2300
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	405
• **Noise level** [d)]		dB (A)	78
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø780 | Ø200 - Ø250 | Ø100
• **Overall dimensions**	Lu x La x H		1724 x 864 x 2206
• **Packing dimensions**	Lu x La x H		1800 x 1000 x 2250
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	65.000 - 6,5 | Ø780
- Type of filter cleaning			Electric filter shaker with push button
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	126.400 - 12,64 | 4.530
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	130.000 - 13,0 | 1.300
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.400	Industry 4.0 7" Color Touch Screen Panel	
.240		

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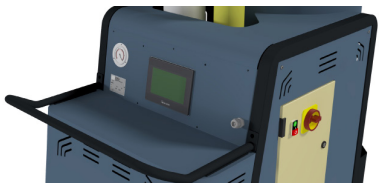
F2056S

TECHNICAL DATA

• **Power**		kW - HP | Hz	20,0 - 27,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	40,0 | 23,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	460 | 450
• **Maximum air flow**		m^3/h	1250
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	452
• **Noise level** [d)]		dB (A)	78
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø200 | Ø100
• **Overall dimensions**	Lu x La x H		1444 x 794 x 1837
• **Packing dimensions**	Lu x La x H		1500 x 1000 x 1900
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.400	Industry 4.0 7" Color Touch Screen Panel	
.240		

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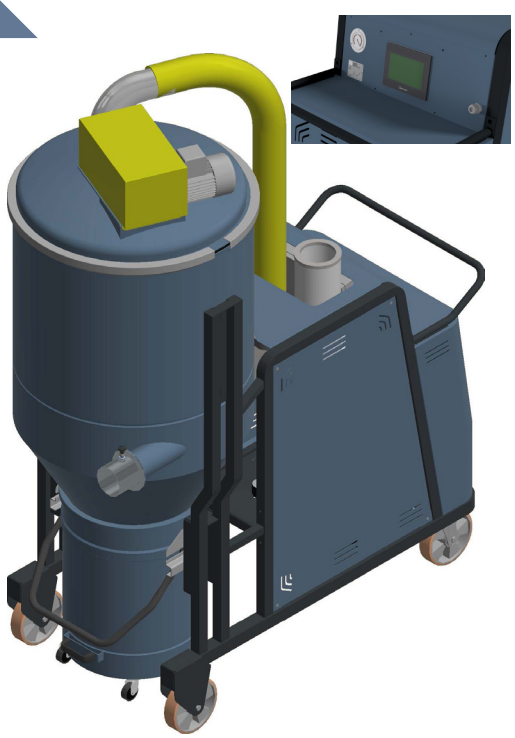
F1878

TECHNICAL DATA

• **Power**		kW - HP | Hz	18,5 - 25,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	37,0 | 21,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	335 | 315
• **Maximum air flow**		m^3/h	1390
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	456
• **Noise level** [d)]		dB (A)	76
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø780 | Ø200 - Ø250 | Ø100
• **Overall dimensions**	Lu x La x H		1724 x 864 x 2206
• **Packing dimensions**	Lu x La x H		1800 x 1000 x 2250
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	65.000 - 6,5 | Ø780
- Type of filter cleaning			Electric filter shaker with push button
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	126.400 - 12,64 | 4.530
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	130.000 - 13,0 | 1.300
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
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.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.400	Industry 4.0 7" Color Touch Screen Panel	
.240		

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F1878.032

TECHNICAL DATA

• **Power**		kW - HP | Hz	18,5 - 25,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	37,0 | 21,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	335 | 315
• **Maximum air flow**		m^3/h	1390
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	456
• **Noise level** [d)]		dB (A)	76
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø780 | Ø200 - Ø250 | Ø100
• **Overall dimensions**	Lu x La x H		1724 x 864 x 2206
• **Packing dimensions**	Lu x La x H		1800 x 1000 x 2250
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	65.000 - 6,5 | Ø780
- Type of filter cleaning			Electric filter shaker with push button
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	126.400 - 12,64 | 4.530
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	130.000 - 13,0 | 1.300
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
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.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
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F2078P

TECHNICAL DATA

• **Power**		kW - HP | Hz	20,0-27,0| 31-31 | 50-60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	400 - 690 | 460 - 720
• **Amperages**		A	34,2-19,7 | 33,8-19,5
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	220| 230
• **Maximum air flow**		m^3/h	1940
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	670
• **Noise level** [d)]		dB (A)	79
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø780 | Ø200 - Ø250 | Ø100
• **Overall dimensions**	Lu x La x H		1724 x 864 x 2206
• **Packing dimensions**	Lu x La x H		1800 x 1000 x 2250
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	65.000 - 6,5 | Ø780
- Type of filter cleaning			Electric filter shaker with push button
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	126.400 - 12,64 | 4.530
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	130.000 - 13,0 | 1.300
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
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.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
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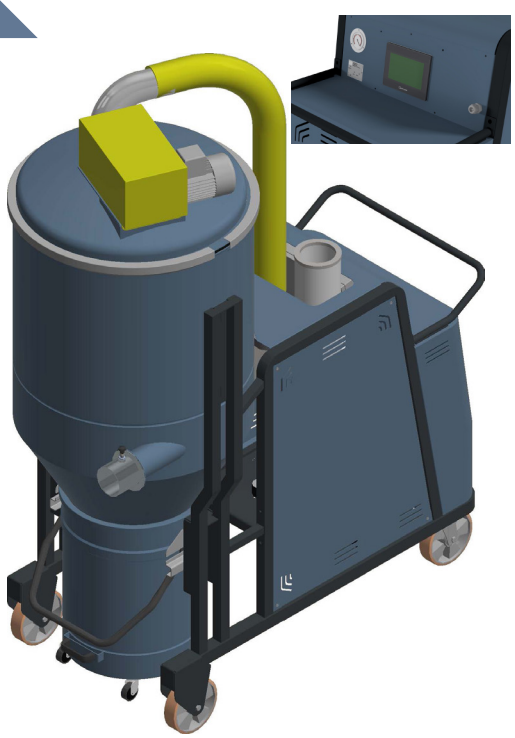
F2578P

TECHNICAL DATA

• **Power**		kW - HP | Hz	25,0 - 33,7 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	52,0 | 30,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	320 | 290
• **Maximum air flow**		m^3/h	1940
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	705
• **Noise level** [d)]		dB (A)	78
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø780 | Ø200 - Ø250 | Ø100
• **Overall dimensions**	Lu x La x H		1724 x 864 x 2206
• **Packing dimensions**	Lu x La x H		1800 x 1000 x 2250
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	65.000 - 6,5 | Ø780
- Type of filter cleaning			Electric filter shaker with push button
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	126.400 - 12,64 | 4.530
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	130.000 - 13,0 | 1.300
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.400	Industry 4.0 7" Color Touch Screen Panel	
.240		

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F2078P-1

TECHNICAL DATA

• **Power**		kW - HP | Hz	20,0 - 27,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	40,0 | 23,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	260 | 240
• **Maximum air flow**		m^3/h	2050
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	705
• **Noise level** [d)]		dB (A)	78
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø780 | Ø200 - Ø250 | Ø100
• **Overall dimensions**	Lu x La x H		1724 x 864 x 2206
• **Packing dimensions**	Lu x La x H		1800 x 1000 x 2250
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	65.000 - 6,5 | Ø780
- Type of filter cleaning			Electric filter shaker with push button
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	126.400 - 12,64 | 4.530
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	130.000 - 13,0 | 1.300
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.400	Industry 4.0 7" Color Touch Screen Panel	
.240		

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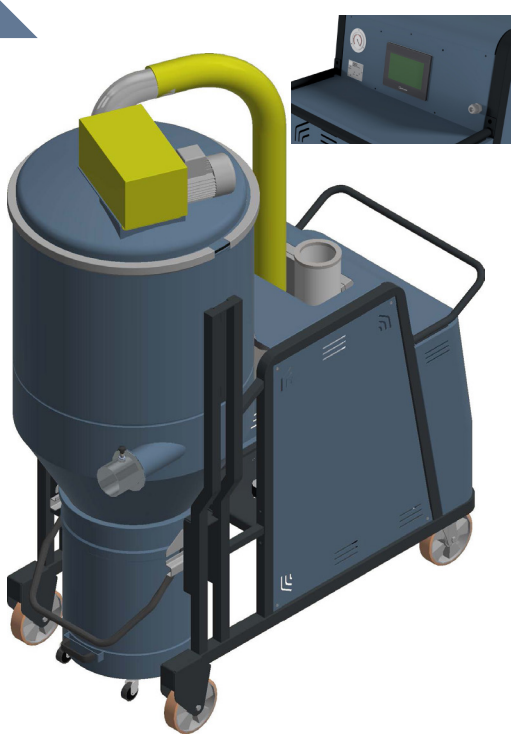
F2578P-1

TECHNICAL DATA

• **Power**		kW - HP | Hz	25,0 - 33,7 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 415 | 600 - 720
• **Amperages**		A	52,0 | 30,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	320 | 290
• **Maximum air flow**		m^3/h	2050
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	715
• **Noise level** [d)]		dB (A)	78
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø780 | Ø200 - Ø250 | Ø100
• **Overall dimensions**	Lu x La x H		1724 x 864 x 2206
• **Packing dimensions**	Lu x La x H		1800 x 1000 x 2250
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	65.000 - 6,5 | Ø780
- Type of filter cleaning			Electric filter shaker with push button
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	126.400 - 12,64 | 4.530
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	130.000 - 13,0 | 1.300
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids with machine stop	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Filter cleaning by electric filter shaker (with Button)	
.007	Filter cleaning by means of pneumatic filter shaker (with Button)	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
.075	Container level control with machine stop	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.400	Industry 4.0 7" Color Touch Screen Panel	
.240		

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PH10

TECHNICAL DATA

• Power		kW - HP | Hz	0,85 - 1,14 | 50
• Working environment temperature		°C	5 ÷ 40
• Tensions [1) 2)]		V	200 - 240 | 345 - 415
• Amperages		A	3,8 | 2,2
• Electrical cable			9 | -----
• Electrical protection [a)]			IP55
• Thermal class [b)]			F
• Energy rating [c)]			IE3
• Maximum depression | Nominal vacuum [3)]		mbar	180 | 160
• Maximum air flow		m^3/h	150
• ATEX marking [4)]			Available
• Dust bin	Container capacity | Container wheels	L | mm	25 | ----
• Weight		kg	60
• Noise level [d)]		dB (A)	62
• Diameters	Filter | Wheels | Material inlet	mm	Ø360 | Ø150 - Ø100 | Ø50
• Overall dimensions	Lu x La x H		647 x 468 x 1425
• Packing dimensions	Lu x La x H		800 x 600 x 1500
• Primary Filter			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	7.000 - 0,7 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• High surface primary filter - Optional (.120)			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	14.000 - 1,4 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• Absolute suction filter - Optional (.005)			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	14.000 - 1,4 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%
• Downstream absolute filter - Optional (.045)			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	55.000 - 5,5 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316 L stainless steel container - pharmaceutical finish	
.002	AISI 304 stainless steel container and filter chamber	
.002P	Container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.007	Electric filter shaker with push button	
.007A	Pneumatic filter shaker with button	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.045	Absolute blowing filter (HEPA) with primary filter in filtering class M	
.045X	Absolute blowing filter (HEPA) with primary filter in filtering class M - stainless steel version	
.075	Container level control with machine stop	
.100	With single-phase suction unit	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.120M	Primary star filter in filtering class M with 16 pockets	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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PH15

TECHNICAL DATA

• **Power**		kW - HP | Hz	1,5 - 2,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	7,5 | 4,3
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	210 | 190
• **Maximum air flow**		m^3/h	225
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	25 | ----
• **Weight**		kg	65
• **Noise level** [d)]		dB (A)	63
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | Ø150 - Ø100 | Ø50
• **Overall dimensions**	Lu x La x H		647 x 468 x 1425
• **Packing dimensions**	Lu x La x H		800 x 600 x 1500
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	7.000 - 0,7 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	14.000 - 1,4 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	14.000 - 1,4 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%
• **Downstream absolute filter - Optional (.045)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	55.000 - 5,5 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316 L stainless steel container - pharmaceutical finish	
.002	AISI 304 stainless steel container and filter chamber	
.002P	Container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.007	Electric filter shaker with push button	
.007A	Pneumatic filter shaker with button	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.045	Absolute blowing filter (HEPA) with primary filter in filtering class M	
.045X	Absolute blowing filter (HEPA) with primary filter in filtering class M - stainless steel version	
.075	Container level control with machine stop	
.100	With single-phase suction unit	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.120M	Primary star filter in filtering class M with 16 pockets	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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PH15.001

TECHNICAL DATA

• **Power**		kW - HP | Hz	1,5 - 2,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	7,5 | 4,3
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	210 | 190
• **Maximum air flow**		m³/h	225
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	25 | ----
• **Weight**		kg	65
• **Noise level** [d)]		dB (A)	63
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | Ø150 - Ø100 | Ø50
• **Overall dimensions**	Lu x La x H		647 x 468 x 1425
• **Packing dimensions**	Lu x La x H		800 x 600 x 1500
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm² - m² | mm	7.000 - 0,7 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm² - m² | mm	14.000 - 1,4 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm² - m² | m³/h	14.000 - 1,4 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%
• **Downstream absolute filter - Optional (.045)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm² - m² | m³/h	55.000 - 5,5 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316 L stainless steel container - pharmaceutical finish	
.002	AISI 304 stainless steel container and filter chamber	
.002P	Container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.007	Electric filter shaker with push button	
.007A	Pneumatic filter shaker with button	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.045	Absolute blowing filter (HEPA) with primary filter in filtering class M	
.045X	Absolute blowing filter (HEPA) with primary filter in filtering class M - stainless steel version	
.075	Container level control with machine stop	
.100	With single-phase suction unit	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.120M	Primary star filter in filtering class M with 16 pockets	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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PH22

TECHNICAL DATA

• Power		kW - HP | Hz	2,2 - 3,0 | 50
• Working environment temperature		°C	5 ÷ 40
• Tensions[1) 2)]		V	200 - 240 | 345 - 415
• Amperages		A	9,7 | 5,6
• Electrical cable			9 | -----
• Electrical protection [a)]			IP55
• Thermal class [b)]			F
• Energy rating [c)]			IE3
• Maximum depression | Nominal vacuum[3)]		mbar	225 | 210
• Maximum air flow		m^3/h	320
• ATEX marking [4)]			Available
• Dust bin	Container capacity | Container wheels	L | mm	50 | ----
• Weight		kg	110
• Noise level [d)]		dB (A)	67
• Diameters	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 - Ø100 | Ø50
• Overall dimensions	Lu x La x H		842 x 569 x 1690
• Packing dimensions	Lu x La x H		1000 x 600 x 1750
• Primary Filter			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• Automatic filter cleaning - Optional (.008)			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• Absolute suction filter - Optional (.005)			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	35.000 - 3,5 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%
• Downstream absolute filter - Optional (.045)			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	82.000 - 8,2 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316 L stainless steel container - pharmaceutical finish	
.002	AISI 304 stainless steel container and filter chamber	
.002P	Container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Electric filter shaker with push button	
.006A	Cleaning the filter using an electric filter shaker (Automatic)	
.007	Pneumatic filter shaker with button	
.007A	Filter cleaning with pneumatic filter shaker (Automatic)	
.008	Automatic primary filter cleaning system	
.008X	Automatic primary filter cleaning system - version: AISI 304 stainless steel	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.045	Absolute blowing filter (HEPA) with primary filter in filtering class M	
.045X	Absolute blowing filter (HEPA) with primary filter in filtering class M - for stainless steel vresion	
.075	Container level control with machine stop	
.100	With single-phase suction unit	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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PH22.053

TECHNICAL DATA

• Power		kW - HP | Hz	2,2 - 3,0 | 50
• Working environment temperature		°C	5 ÷ 40
• Tensions[1) 2)]		V	200 - 240 | 345 - 415
• Amperages		A	9,7 | 5,6
• Electrical cable			9 | -----
• Electrical protection [a)]			IP55
• Thermal class [b)]			F
• Energy rating [c)]			IE3
• Maximum depression | Nominal vacuum[3)]		mbar	225 | 210
• Maximum air flow		m^3/h	320
• ATEX marking [4)]			Available
• Dust bin	Container capacity | Container wheels	L | mm	50 | ----
• Weight		kg	110
• Noise level [d)]		dB (A)	67
• Diameters	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 - Ø100 | Ø50
• Overall dimensions	Lu x La x H		842 x 569 x 1690
• Packing dimensions	Lu x La x H		1000 x 600 x 1750
• Primary Filter			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• Automatic filter cleaning - Optional (.008)			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• Absolute suction filter - Optional (.005)			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	35.000 - 3,5 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%
• Downstream absolute filter - Optional (.045)			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	82.000 - 8,2 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316 L stainless steel container - pharmaceutical finish	
.002	AISI 304 stainless steel container and filter chamber	
.002P	Container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Electric filter shaker with push button	
.006A	Cleaning the filter using an electric filter shaker (Automatic)	
.007	Pneumatic filter shaker with button	
.007A	Filter cleaning with pneumatic filter shaker (Automatic)	
.008	Automatic primary filter cleaning system	
.008X	Automatic primary filter cleaning system - version: AISI 304 stainless steel	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.045	Absolute blowing filter (HEPA) with primary filter in filtering class M	
.045X	Absolute blowing filter (HEPA) with primary filter in filtering class M - for stainless steel vresion	
.075	Container level control with machine stop	
.100	With single-phase suction unit	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.240		

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PH30

TECHNICAL DATA

• Power		kW - HP | Hz	3,0 - 4,0 | 50
• Working environment temperature		°C	5 ÷ 40
• Tensions[1) 2)]		V	200 - 240 | 345 - 415
• Amperages		A	12,5 | 7,3
• Electrical cable			9 | -----
• Electrical protection [a)]			IP55
• Thermal class [b)]			F
• Energy rating [c)]			IE3
• Maximum depression | Nominal vacuum[3)]		mbar	285 | 270
• Maximum air flow		m^3/h	420
• ATEX marking [4)]			Available
• Dust bin	Container capacity | Container wheels	L | mm	50 | ----
• Weight		kg	115
• Noise level [d)]		dB (A)	67
• Diameters	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 - Ø100 | Ø70
• Overall dimensions	Lu x La x H		842 x 569 x 1690
• Packing dimensions	Lu x La x H		1000 x 600 x 1750
• Primary Filter			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• Automatic filter cleaning - Optional (.008)			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• Absolute suction filter - Optional (.005)			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	35.000 - 3,5 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%
• Downstream absolute filter - Optional (.045)			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	82.000 - 8,2 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316 L stainless steel container - pharmaceutical finish	
.002	AISI 304 stainless steel container and filter chamber	
.002P	Container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Electric filter shaker with push button	
.006A	Cleaning the filter using an electric filter shaker (Automatic)	
.007	Pneumatic filter shaker with button	
.007A	Filter cleaning with pneumatic filter shaker (Automatic)	
.008	Automatic primary filter cleaning system	
.008X	Automatic primary filter cleaning system - version: AISI 304 stainless steel	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.045	Absolute blowing filter (HEPA) with primary filter in filtering class M	
.045X	Absolute blowing filter (HEPA) with primary filter in filtering class M - for stainless steel vresion	
.075	Container level control with machine stop	
.100	With single-phase suction unit	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
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PHL22

TECHNICAL DATA

• Power		kW - HP | Hz	2,2 - 3,0 | 50
• Working environment temperature		°C	5 ÷ 40
• Tensions [1) 2)]		V	200 - 240 | 345 - 415
• Amperages		A	9,7 | 5,6
• Electrical cable			9 | -----
• Electrical protection [a)]			IP55
• Thermal class [b)]			F
• Energy rating [c)]			IE3
• Maximum depression | Nominal vacuum [3)]		mbar	225 | 210
• Maximum air flow		m^3/h	320
• ATEX marking [4)]			Available
• Dust bin	Container capacity | Container wheels	L | mm	Longopac - Endless Bag
• Weight		kg	115
• Noise level [d)]		dB (A)	67
• Diameters	Filter | Wheels | Material inlet	mm	Ø360 | Ø150 - Ø100 | Ø50
• Overall dimensions	Lu x La x H		842 x 569 x 1690
• Packing dimensions	Lu x La x H		1000 x 600 x 1750
• Primary Filter			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• Automatic filter cleaning - Optional (.008)			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• Absolute suction filter - Optional (.005)			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	35.000 - 3,5 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%
• Downstream absolute filter - Optional (.045)			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	82.000 - 8,2 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.002	AISI 304 stainless steel filter chamber	
.002P	Filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Electric filter shaker with push button	
.006A	Cleaning the filter using an electric filter shaker (Automatic)	
.007	Pneumatic filter shaker with button	
.007A	Filter cleaning with pneumatic filter shaker (Automatic)	
.008	Automatic primary filter cleaning system	
.008X	Automatic primary filter cleaning system - version: AISI 304 stainless steel	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.045	Absolute blowing filter (HEPA) with primary filter in filtering class M	
.045X	Absolute blowing filter (HEPA) with primary filter in filtering class M - for stainless steel vresion	
.100	With single-phase suction unit	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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PHL22.051

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,2 - 3,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	9,7 | 5,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	225 | 210
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	Longopac - Endless Bag
• **Weight**		kg	115
• **Noise level** [d)]		dB (A)	67
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | Ø150 - Ø100 | Ø50
• **Overall dimensions**	Lu x La x H		842 x 569 x 1690
• **Packing dimensions**	Lu x La x H		1000 x 600 x 1750
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Pneumatic filter shaker
• **Automatic filter cleaning - Optional (.008)**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	35.000 - 3,5 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%
• **Downstream absolute filter - Optional (.045)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	82.000 - 8,2 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.002	AISI 304 stainless steel filter chamber	
.002P	Filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Electric filter shaker with push button	
.006A	Cleaning the filter using an electric filter shaker (Automatic)	
.007	Pneumatic filter shaker with button	
.007A	Filter cleaning with pneumatic filter shaker (Automatic)	
.008	Automatic primary filter cleaning system	
.008X	Automatic primary filter cleaning system - version: AISI 304 stainless steel	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.045	Absolute blowing filter (HEPA) with primary filter in filtering class M	
.045X	Absolute blowing filter (HEPA) with primary filter in filtering class M - for stainless steel vresion	
.100	With single-phase suction unit	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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PHL30

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	12,5 | 7,3
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	285 | 270
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	Longopac - Endless Bag
• **Weight**		kg	115
• **Noise level** [d)]		dB (A)	67
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | Ø150 - Ø100 | Ø50
• **Overall dimensions**	Lu x La x H		842 x 569 x 1690
• **Packing dimensions**	Lu x La x H		1000 x 600 x 1750
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	35.000 - 3,5 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%
• **Downstream absolute filter - Optional (.045)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	82.000 - 8,2 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.002	AISI 304 stainless steel filter chamber	
.002P	Filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with container and filter chamber in AISI 316 L stainless steel - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.006	Electric filter shaker with push button	
.006A	Cleaning the filter using an electric filter shaker (Automatic)	
.007	Pneumatic filter shaker with button	
.007A	Filter cleaning with pneumatic filter shaker (Automatic)	
.008	Automatic primary filter cleaning system	
.008X	Automatic primary filter cleaning system - version: AISI 304 stainless steel	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.045	Absolute blowing filter (HEPA) with primary filter in filtering class M	
.045X	Absolute blowing filter (HEPA) with primary filter in filtering class M - for stainless steel vresion	
.100	With single-phase suction unit	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in filtering class M	

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PHARMA SERIES - HORIZONTAL BASES - BSK

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BSK0,5

TECHNICAL DATA

• **Power**		kW - HP | Hz	0,55 - 0,74 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	2,8 | 1,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	120 | 110
• **Maximum air flow**		m^3/h	100
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	9 | ----
• **Weight**		kg	22
• **Noise level** [d)]		dB (A)	60
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø280 | ---- | Ø40
• **Overall dimensions**	Lu x La x H		451 x 392 x 763
• **Packing dimensions**	Lu x La x H		500 x 400 x 800
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	2.600 - 0,26 | Ø280
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | ----
- Type of filter cleaning			----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	12.000 - 1,2 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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BSK1

TECHNICAL DATA

• **Power**		kW - HP | Hz	0,85 - 1,14 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	3,8 | 2,2
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	175 | 160
• **Maximum air flow**		m^3/h	150
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	9 | ----
• **Weight**		kg	28
• **Noise level** [d)]		dB (A)	62
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø280 | ---- | Ø40
• **Overall dimensions**	Lu x La x H		451 x 392 x 763
• **Packing dimensions**	Lu x La x H		500 x 400 x 800
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	2.600 - 0,26 | Ø280
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | ----
- Type of filter cleaning			----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	12.000 - 1,2 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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BSK1,5

TECHNICAL DATA

• **Power**		kW - HP | Hz	1,5 - 2,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	7,5 | 4,3
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	190 | 200
• **Maximum air flow**		m^3/h	210
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	12
• **Weight**		kg	40
• **Noise level** [d)]		dB (A)	66
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | ---- | Ø50
• **Overall dimensions**	Lu x La x H		520 x 492 x 1063
• **Packing dimensions**	Lu x La x H		600 x 600 x 1.200
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	7.000 - 0,7 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	14.500 - 1,45 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

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BSK2,2

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,2 - 3,0 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	9,7 | 5,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	210 | 190
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	12
• **Weight**		kg	45
• **Noise level** [d)]		dB (A)	66
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | ---- | Ø50
• **Overall dimensions**	Lu x La x H		520 x 492 x 1063
• **Packing dimensions**	Lu x La x H		600 x 600 x 1.200
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	7.000 - 0,7 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	14.500 - 1,45 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

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BSK3

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4,0 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	12,5 | 7,3
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	285 | 270
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	12
• **Weight**		kg	49
• **Noise level** [d)]		dB (A)	66
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | ---- | Ø50
• **Overall dimensions**	Lu x La x H		520 x 492 x 1063
• **Packing dimensions**	Lu x La x H		600 x 600 x 1.200
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	7.000 - 0,7 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	14.500 - 1,45 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

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PHARMA SERIES - VERTICAL BASES - CSK

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CSK05

TECHNICAL DATA

• **Power**		kW - HP | Hz	0,55 - 0,74 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	2,8 | 1,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	120 | 110
• **Maximum air flow**		m^3/h	100
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	9 | ----
• **Weight**		kg	22
• **Noise level** [d)]		dB (A)	60
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø280 | ---- | Ø40
• **Overall dimensions**	Lu x La x H		451 x 392 x 763
• **Packing dimensions**	Lu x La x H		500 x 400 x 800
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	2.600 - 0,26 | Ø280
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | ----
- Type of filter cleaning			----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	12.000 - 1,2 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

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CSK1

TECHNICAL DATA

• **Power**		kW - HP | Hz	0,85 - 1,14 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	3,8 | 2,2
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	175 | 160
• **Maximum air flow**		m^3/h	150
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	9 | ----
• **Weight**		kg	28
• **Noise level** [d)]		dB (A)	62
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø280 | ---- | Ø40
• **Overall dimensions**	Lu x La x H		451 x 392 x 763
• **Packing dimensions**	Lu x La x H		500 x 400 x 800
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	2.600 - 0,26 | Ø280
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | ----
- Type of filter cleaning			----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	12.000 - 1,2 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

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CSK1,5

TECHNICAL DATA

• **Power**		kW - HP | Hz	1,5 - 2,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	7,5 | 4,3
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	190 | 200
• **Maximum air flow**		m^3/h	210
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	12
• **Weight**		kg	40
• **Noise level** [d)]		dB (A)	66
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | ---- | Ø50
• **Overall dimensions**	Lu x La x H		520 x 492 x 1063
• **Packing dimensions**	Lu x La x H		600 x 600 x 1.200
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	7.000 - 0,7 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	14.500 - 1,45 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

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CSK2,2

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,2 - 3,0 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	9,7 | 5,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	210 | 190
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	12
• **Weight**		kg	45
• **Noise level** [d)]		dB (A)	66
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | ---- | Ø50
• **Overall dimensions**	Lu x La x H		520 x 492 x 1063
• **Packing dimensions**	Lu x La x H		600 x 600 x 1.200
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	7.000 - 0,7 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	14.500 - 1,45 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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CSK3

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4,0 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	12,5 | 7,3
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	285 | 270
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	12
• **Weight**		kg	49
• **Noise level** [d)]		dB (A)	66
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | ---- | Ø50
• **Overall dimensions**	Lu x La x H		520 x 492 x 1063
• **Packing dimensions**	Lu x La x H		600 x 600 x 1.200
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	7.000 - 0,7 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	14.500 - 1,45 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

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CSK3-1

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4,0 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	12,5 | 7,3
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	285 | 270
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	12
• **Weight**		kg	49
• **Noise level** [d)]		dB (A)	66
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø360 | ---- | Ø50
• **Overall dimensions**	Lu x La x H		520 x 492 x 1063
• **Packing dimensions**	Lu x La x H		600 x 600 x 1.200
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	7.000 - 0,7 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	14.500 - 1,45 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

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CSK4

TECHNICAL DATA

• **Power**		kW - HP | Hz	4,0 - 5,4 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	16,4 | 9,5
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	320 | 220
• **Maximum air flow**		m^3/h	520
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	35 | ----
• **Weight**		kg	55
• **Noise level** [d)]		dB (A)	71
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | ---- | Ø70
• **Overall dimensions**	Lu x La x H		652 x 652 x 1426
• **Packing dimensions**	Lu x La x H		800 x 800 x 1450
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	22.000 - 2,2 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	26.000 - 2,6 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

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CSK4-1

TECHNICAL DATA

• **Power**		kW - HP | Hz	4,0 - 5,4 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	16,4 | 9,5
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	510 | 370
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	35 | ----
• **Weight**		kg	55
• **Noise level** [d)]		dB (A)	71
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | ---- | Ø70
• **Overall dimensions**	Lu x La x H		652 x 652 x 1426
• **Packing dimensions**	Lu x La x H		800 x 800 x 1450
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	22.000 - 2,2 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	26.000 - 2,6 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

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CSK4-2

TECHNICAL DATA

• **Power**		kW - HP | Hz	4,0 - 5,4 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	16,4 | 9,5
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	510 | 370
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	35 | ----
• **Weight**		kg	55
• **Noise level** [d)]		dB (A)	71
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | ---- | Ø70
• **Overall dimensions**	Lu x La x H		652 x 652 x 1426
• **Packing dimensions**	Lu x La x H		800 x 800 x 1450
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	22.000 - 2,2 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	26.000 - 2,6 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

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CSK5

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions** [1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum** [3)]		mbar	330 | 260
• **Maximum air flow**		m^3/h	520
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	35 | ----
• **Weight**		kg	58
• **Noise level** [d)]		dB (A)	71
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | ---- | Ø70
• **Overall dimensions**	Lu x La x H		652 x 652 x 1426
• **Packing dimensions**	Lu x La x H		800 x 800 x 1450
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	22.000 - 2,2 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	26.000 - 2,6 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

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CDK2,2

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	480 | 450
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	35 | ----
• **Weight**		kg	58
• **Noise level** [d)]		dB (A)	71
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | ---- | Ø70
• **Overall dimensions**	Lu x La x H		652 x 652 x 1426
• **Packing dimensions**	Lu x La x H		800 x 800 x 1450
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	22.000 - 2,2 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	26.000 - 2,6 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

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CDK4

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions** [1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum** [3)]		mbar	480 | 450
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	35 | ----
• **Weight**		kg	58
• **Noise level** [d)]		dB (A)	71
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | ---- | Ø70
• **Overall dimensions**	Lu x La x H		652 x 652 x 1426
• **Packing dimensions**	Lu x La x H		800 x 800 x 1450
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	22.000 - 2,2 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	26.000 - 2,6 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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CDK4-1

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	480 | 450
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	35 | ----
• **Weight**		kg	58
• **Noise level** [d)]		dB (A)	71
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | ---- | Ø70
• **Overall dimensions**	Lu x La x H		652 x 652 x 1426
• **Packing dimensions**	Lu x La x H		800 x 800 x 1450
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	22.000 - 2,2 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	26.000 - 2,6 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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CDK5,5

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	480 | 450
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	35 | ----
• **Weight**		kg	58
• **Noise level** [d)]		dB (A)	71
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | ---- | Ø70
• **Overall dimensions**	Lu x La x H		652 x 652 x 1426
• **Packing dimensions**	Lu x La x H		800 x 800 x 1450
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	22.000 - 2,2 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **High surface primary filter - Optional (.120)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Dimensions		cm^2 - m^2 | mm	26.000 - 2,6 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.001P	AISI 316L stainless steel container - pharmaceutical finish	
.003	Completely made of AISI 304 stainless steel	
.003P	Completely made of AISI 304 stainless steel with AISI 316L stainless steel container - pharmaceutical finish	
.005	Absolute suction filter (HEPA) with primary filter M	
.090	Switch with thermal protection	
.120	Primary filter in class M	
.100	With single-phase suction unit	
.021	Version for ATEX Zone 21	
.022	Version for ATEX Zone 22	
.300	Version with wheels	
.104	Predisposition for start-up via microswitch (i)	
.118	Primary star filter in filter class L increased 16 pockets filtering surface 2.6 m^2	
.119	Primary star filter in filter class M increased 16 pockets on filter surface 2.6 m^2	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

PHARMA SERIES - WASTE VACUUM CLEANER - AS

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AS1046

TECHNICAL DATA

• Power		kW - HP | Hz	0,85 - 1,14 | 50
• Working environment temperature		°C	5 ÷ 40
• Tensions[1) 2)]		V	200 - 240 | 345 - 415
• Amperages		A	3,8,0 | 2,2
• Electrical cable			9 | -----
• Electrical protection [a)]			IP55
• Thermal class [b)]			F
• Energy rating [c)]			IE3
• Maximum depression | Nominal vacuum[3)]		mbar	180 | 160
• Maximum air flow		m^3/h	150
• ATEX marking [4)]			Available
• Dust bin	Container capacity | Container wheels	L | mm	102 | Ø60
• Weight		kg	40
• Noise level [d)]		dB (A)	66
• Diameters	Filter | Wheels | Material inlet	mm	Ø460 | Ø60 | Ø50
• Overall dimensions	Lu x La x H		567 x 566 x 1225
• Packing dimensions	Lu x La x H		1200 x 800 x 1250
• Primary Filter			Bag filter
- Filter media [5)] |Filtration class [e)]			Nylon | ----
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | Ø460
• Primary Filter - OPTIONAL			Bag filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | Ø460

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.003	Completely made of AISI 304 stainless steel	
.100	With single-phase suction unit	
.DUAL40	Double inlet Ø40	
.DUAL40X	Double inlet in stainless steel Ø40	
.DUAL50	Double inlet Ø50	
.DUAL50X	Double inlet in stainless steel Ø50	
.DUAL70	Double inlet Ø70	
.DUAL70X	Double inlet in stainless steel Ø70	
.POLBAG	Bag filter in polyester instead of nylon	
.240	With relief valve	Included
.009	Inner basket	
.009X	Internal basket in AISI 304 stainless steel	
.022	ATEX version for zone 22 (with .001 variant included)	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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AS1546

TECHNICAL DATA

• Power		kW - HP | Hz	1,5 - 2,2 | 50
• Working environment temperature		°C	5 ÷ 40
• Tensions[1) 2)]		V	200 - 240 | 345 - 415
• Amperages		A	7,5 | 4,3
• Electrical cable			9 | -----
• Electrical protection [a)]			IP55
• Thermal class [b)]			F
• Energy rating [c)]			IE3
• Maximum depression | Nominal vacuum[3)]		mbar	225 | 190
• Maximum air flow		m^3/h	220
• ATEX marking [4)]			Available
• Dust bin	Container capacity | Container wheels	L | mm	102 | Ø60
• Weight		kg	42
• Noise level [d)]		dB (A)	66
• Diameters	Filter | Wheels | Material inlet	mm	Ø460 | Ø60 | Ø50
• Overall dimensions	Lu x La x H		567 x 566 x 1225
• Packing dimensions	Lu x La x H		1200 x 800 x 1250
• Primary Filter			Bag filter
- Filter media [5)] |Filtration class [e)]			Nylon | ----
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | Ø460
• Primary Filter - OPTIONAL			Bag filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | Ø460

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.003	Completely made of AISI 304 stainless steel	
.100	With single-phase suction unit	
.DUAL40	Double inlet Ø40	
.DUAL40X	Double inlet in stainless steel Ø40	
.DUAL50	Double inlet Ø50	
.DUAL50X	Double inlet in stainless steel Ø50	
.DUAL70	Double inlet Ø70	
.DUAL70X	Double inlet in stainless steel Ø70	
.POLBAG	Bag filter in polyester instead of nylon	upon request
.240	With relief valve	Included
.009	Inner basket	
.009X	Internal basket in AISI 304 stainless steel	
.022	ATEX version for zone 22 (with .001 variant included)	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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AS1556

TECHNICAL DATA

• Power		kW - HP | Hz	1,5 - 2,2 | 50
• Working environment temperature		°C	5 ÷ 40
• Tensions[1) 2)]		V	200 - 240 | 345 - 415
• Amperages		A	7,5 | 4,3
• Electrical cable			9 | -----
• Electrical protection [a)]			IP55
• Thermal class [b)]			F
• Energy rating [c)]			IE3
• Maximum depression | Nominal vacuum[3)]		mbar	225 | 190
• Maximum air flow		m^3/h	220
• ATEX marking [4)]			Available
• Dust bin	Container capacity | Container wheels	L | mm	155 | ----
• Weight		kg	60
• Noise level [d)]		dB (A)	67
• Diameters	Filter | Wheels | Material inlet	mm	Ø560 | Ø80 | Ø50
• Overall dimensions	Lu x La x H		686 x 672 x 1261
• Packing dimensions	Lu x La x H		1200 x 800 x 1300
• Primary Filter			Bag filter
- Filter media [5)] |Filtration class [e)]			Nylon | ----
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | Ø560
• Primary Filter - OPTIONAL			Bag filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | Ø560

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.003	Completely made of AISI 304 stainless steel	Not available
.100	With single-phase suction unit	upon request
.DUAL40	Double inlet Ø40	
.DUAL40X	Double inlet in stainless steel Ø40	
.DUAL50	Double inlet Ø50	
.DUAL50X	Double inlet in stainless steel Ø50	
.DUAL70	Double inlet Ø70	
.DUAL70X	Double inlet in stainless steel Ø70	
.POLBAG	Bag filter in polyester instead of nylon	upon request
.240	With relief valve	Included
.009	Inner basket	
.009X	Internal basket in AISI 304 stainless steel	
.022	ATEX version for zone 22 (with .001 variant included)	

For an effective and proper use according to your application requirements, please see our AP catalogue.
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AS2256

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,2 - 3,0 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	10,64| 6,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	325 | 230
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	155 | Ø80
• **Weight**		kg	62
• **Noise level** [d)]		dB (A)	67
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø80 | Ø70
• **Overall dimensions**	Lu x La x H		686 x 672 x 1261
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1300
• **Primary Filter**			Bag filter
- Filter media [5)] |Filtration class [e)]			Nylon | ----
- Filtering surface | Dimensions		cm^2 - m^2 | mm	13.000 - 1,3 | Ø560
• **Primary Filter - OPTIONAL**			Bag filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | Ø560

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.003	Completely made of AISI 304 stainless steel	Not available
.100	With single-phase suction unit	upon request
.DUAL40	Double inlet Ø40	
.DUAL40X	Double inlet in stainless steel Ø40	
.DUAL50	Double inlet Ø50	
.DUAL50X	Double inlet in stainless steel Ø50	
.DUAL70	Double inlet Ø70	
.DUAL70X	Double inlet in stainless steel Ø70	
.POLBAG	Bag filter in polyester instead of nylon	upon request
.240	With relief valve	Included
.009	Inner basket	
.009X	Internal basket in AISI 304 stainless steel	
.022	ATEX version for zone 22 (with .001 variant included)	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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AS356

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4,0 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	12,5 | 7,4
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	330 | 270
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	155 | Ø80
• **Weight**		kg	65
• **Noise level** [d)]		dB (A)	67
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø80 | Ø70
• **Overall dimensions**	Lu x La x H		686 x 672 x 1261
• **Packing dimensions**	Lu x La x H		1200 x 800 x 1300
• **Primary Filter**			Bag filter
- Filter media [5)] |Filtration class [e)]			Nylon | ----
- Filtering surface | Dimensions		cm^2 - m^2 | mm	13.000 - 1,3 | Ø560
• **Primary Filter - OPTIONAL**			Bag filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | Ø560

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.003	Completely made of AISI 304 stainless steel	Not available
.100	With single-phase suction unit	upon request
.DUAL40	Double inlet Ø40	
.DUAL40X	Double inlet in stainless steel Ø40	
.DUAL50	Double inlet Ø50	
.DUAL50X	Double inlet in stainless steel Ø50	
.DUAL70	Double inlet Ø70	
.DUAL70X	Double inlet in stainless steel Ø70	
.POLBAG	Bag filter in polyester instead of nylon	upon request
.240	With relief valve	Included
.009	Inner basket	
.009X	Internal basket in AISI 304 stainless steel	
.022	ATEX version for zone 22 (with .001 variant included)	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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AS456

TECHNICAL DATA

• Power		kW - HP | Hz	4,0 - 5,4 |50
• Working environment temperature		°C	5 ÷ 40
• Tensions[1) 2)]		V	200 - 240 | 360 - 440
• Amperages		A	16,4 | 9,5
• Electrical cable			9 | -----
• Electrical protection [a)]			IP55
• Thermal class [b)]			F
• Energy rating [c)]			IE3
• Maximum depression | Nominal vacuum[3)]		mbar	510 | 380
• Maximum air flow		m^3/h	360
• ATEX marking [4)]			Available
• Dust bin	Container capacity | Container wheels	L | mm	210 | ----
• Weight		kg	131
• Noise level [d)]		dB (A)	71
• Diameters	Filter | Wheels | Material inlet	mm	Ø560 | Ø100 | Ø100
• Overall dimensions	Lu x La x H		1214 x 645 x 1359
• Packing dimensions	Lu x La x H		1250 x 800 x 1400
• Primary Filter			Bag filter
- Filter media [5)] |Filtration class [e)]			Nylon | ----
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | Ø560
• Primary Filter - OPTIONAL			Bag filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | Ø560

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.003	Completely made of AISI 304 stainless steel	
.100	With single-phase suction unit	Not available
.DUAL40	Double inlet Ø40	
.DUAL40X	Double inlet in stainless steel Ø40	
.DUAL50	Double inlet Ø50	
.DUAL50X	Double inlet in stainless steel Ø50	
.DUAL70	Double inlet Ø70	
.DUAL70X	Double inlet in stainless steel Ø70	
.POLBAG	Bag filter in polyester instead of nylon	upon request
.240	With relief valve	Included
.009	Inner basket	
.009X	Internal basket in AISI 304 stainless steel	
.022	ATEX version for zone 22 (with .001 variant included)	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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AS556

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	325 | 300
• **Maximum air flow**		m^3/h	550
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	210 | ----
• **Weight**		kg	135
• **Noise level** [d)]		dB (A)	66
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø100 | Ø100
• **Overall dimensions**	Lu x La x H		1214 x 645 x 1359
• **Packing dimensions**	Lu x La x H		1250 x 800 x 1400
• **Primary Filter**			Bag filter
- Filter media [5)] |Filtration class [e)]			Nylon | ----
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | Ø560
• **Primary Filter - OPTIONAL**			Bag filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | Ø560

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.003	Completely made of AISI 304 stainless steel	
.100	With single-phase suction unit	Not available
.DUAL40	Double inlet Ø40	
.DUAL40X	Double inlet in stainless steel Ø40	
.DUAL50	Double inlet Ø50	
.DUAL50X	Double inlet in stainless steel Ø50	
.DUAL70	Double inlet Ø70	
.DUAL70X	Double inlet in stainless steel Ø70	
.POLBAG	Bag filter in polyester instead of nylon	upon request
.240	With relief valve	Included
.009	Inner basket	
.009X	Internal basket in AISI 304 stainless steel	
.022	ATEX version for zone 22 (with .001 variant included)	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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AS756-1

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 360 - 440
• **Amperages**		A	20,0 | 11,0
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	325 | 300
• **Maximum air flow**		m^3/h	550
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	210 | ----
• **Weight**		kg	135
• **Noise level** [d)]		dB (A)	66
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø560 | Ø100 | Ø100
• **Overall dimensions**	Lu x La x H		1214 x 645 x 1359
• **Packing dimensions**	Lu x La x H		1250 x 800 x 1400
• **Primary Filter**			Bag filter
- Filter media [5)] |Filtration class [e)]			Nylon | ----
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | Ø560
• **Primary Filter - OPTIONAL**			Bag filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	---- | Ø560

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.003	Completely made of AISI 304 stainless steel	
.100	With single-phase suction unit	Not available
.DUAL40	Double inlet Ø40	
.DUAL40X	Double inlet in stainless steel Ø40	
.DUAL50	Double inlet Ø50	
.DUAL50X	Double inlet in stainless steel Ø50	
.DUAL70	Double inlet Ø70	
.DUAL70X	Double inlet in stainless steel Ø70	
.POLBAG	Bag filter in polyester instead of nylon	upon request
.240	With relief valve	
.009	Inner basket	
.009X	Internal basket in AISI 304 stainless steel	
.022	ATEX version for zone 22 (with .001 variant included)	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

INDUSTRIAL VACUUM CLEANERS FOR LIQUIDS - OIL

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OIL222

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,2 - 3,0 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 440
• **Amperages**		A	9,7 | 5,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	320 | 230
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Product capacity	L	225
• **Weight**		kg	150
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	100 | Ø150 | Ø50
• **Overall dimensions**	Lu x La x H		1373 x 598 x 1369
• **Packing dimensions**	Lu x La x H		1400 x 800 x 1400
• **Ejection system (supplied with hose and gun)**			
- Pump power		kP - HP	1,0 - 1,34
- Pump capacity		l/min	235
- Length of the liquid ejection pipe		m	5
• **Basket material**			
- Capacity		l	35
- Diameter		mm	360
- Mesh / Basket drilling diameter		mm	1,5

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

• **7000X1**	Nylon filter 300 micron - Ø460	
• **7000X2**	Nylon filter 300 micron - Ø360	
• **7000X3**	Nylon filter 200 micron - Ø360	
• **7000X4**	Nylon filter 00 micron - Ø460	
• **301**	Vulkollan wheels	
• **X**	Vacuum cleaner in AISI 304 stainless steel	
• **X316**	Vacuum cleaner in AISI 316 stainless steel	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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OIL322

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4,0 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 440
• **Amperages**		A	11,6 | 6,7
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	340 | 260
• **Maximum air flow**		m^3/h	340
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Product capacity	L	225
• **Weight**		kg	158
• **Noise level** [d)]		dB (A)	70
• **Diameters**	Filter | Wheels | Material inlet	mm	100 | Ø150 | Ø50
• **Overall dimensions**	Lu x La x H		1373 x 598 x 1369
• **Packing dimensions**	Lu x La x H		1400 x 800 x 1400
• **Ejection system (supplied with hose and gun)**			
- Pump power		kP - HP	1,2 - 1,6
- Pump capacity		l/min	235
- Length of the liquid ejection pipe		m	5
• **Basket material**			
- Capacity		l	35
- Diameter		mm	360
- Mesh / Basket drilling diameter		mm	1,5

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

• **7000X1**	Nylon filter 300 micron - Ø460	
• **7000X2**	Nylon filter 300 micron - Ø360	
• **7000X3**	Nylon filter 200 micron - Ø360	
• **7000X4**	Nylon filter 00 micron - Ø460	
• **301**	Vulkollan wheels	
• **X**	Vacuum cleaner in AISI 304 stainless steel	
• **X316**	Vacuum cleaner in AISI 316 stainless steel	

For an effective and proper use according to your application requirements, please see our AP catalogue.
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OIL441

TECHNICAL DATA

• **Power**		kW - HP | Hz	4,0 - 5,4 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 440 | 600 - 720
• **Amperages**		A	9,0 | 5,2
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	510 | 370
• **Maximum air flow**		m^3/h	360
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Product capacity	L	415
• **Weight**		kg	210
• **Noise level** [d)]		dB (A)	72
• **Diameters**	Filter | Wheels | Material inlet	mm	100 | Ø200 | Ø70
• **Overall dimensions**	Lu x La x H		1621 x 702 x 1374
• **Packing dimensions**	Lu x La x H		1650 x 800 x 1400
• **Ejection system (supplied with hose and gun)**			
- Pump power		kP - HP	1,2 - 1,6
- Pump capacity		l/min	250
- Length of the liquid ejection pipe		m	5
• **Basket material**			
- Capacity		l	60
- Diameter		mm	460
- Mesh / Basket drilling diameter		mm	1,5

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

• **7000X1**	Nylon filter 300 micron - Ø460	
• **7000X2**	Nylon filter 300 micron - Ø360	
• **7000X3**	Nylon filter 200 micron - Ø360	
• **7000X4**	Nylon filter 00 micron - Ø460	
• **301**	Vulkollan wheels	
• **X**	Vacuum cleaner in AISI 304 stainless steel	
• **X316**	Vacuum cleaner in AISI 316 stainless steel	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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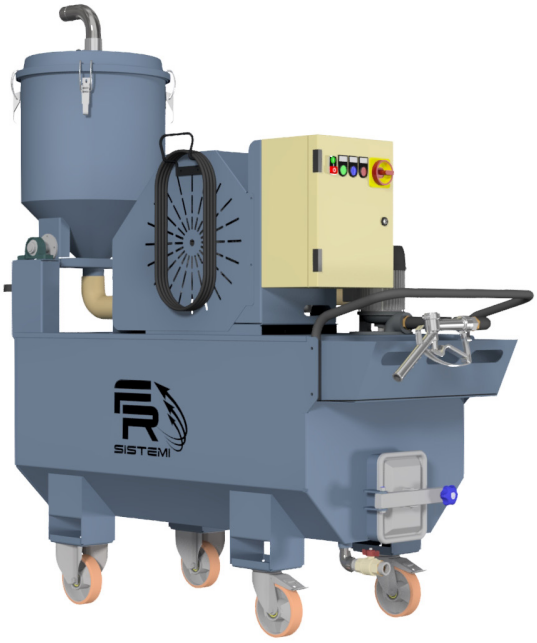
OIL441T

TECHNICAL DATA

• **Power**		kW - HP | Hz	4,0 - 5,4 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 440 | 600 - 720
• **Amperages**		A	9,0 | 5,2
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	510 | 370
• **Maximum air flow**		m^3/h	360
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Product capacity	L	415
• **Weight**		kg	225
• **Noise level** [d)]		dB (A)	72
• **Diameters**	Filter | Wheels | Material inlet	mm	100 | Ø200 | Ø70
• **Overall dimensions**	Lu x La x H		1621 x 702 x 1374
• **Packing dimensions**	Lu x La x H		1650 x 800 x 1400
• **Ejection system (supplied with hose and gun)**			
- Pump power		kP - HP	1,2 - 1,6
- Pump capacity		l/min	250
- Length of the liquid ejection pipe		m	5
• **Basket material**			
- Capacity		l	60
- Diameter		mm	460
- Mesh / Basket drilling diameter		mm	1,5



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

• **7000X1**	Nylon filter 300 micron - Ø460	
• **7000X2**	Nylon filter 300 micron - Ø360	
• **7000X3**	Nylon filter 200 micron - Ø360	
• **7000X4**	Nylon filter 00 micron - Ø460	
• **301**	Vulkollan wheels	
• **X**	Vacuum cleaner in AISI 304 stainless steel	
• **X316**	Vacuum cleaner in AISI 316 stainless steel	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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OIL541

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 440 | 600 - 720
• **Amperages**		A	13,3 | 7,7
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	450 | 430
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Product capacity	L	415
• **Weight**		kg	230
• **Noise level** [d)]		dB (A)	73
• **Diameters**	Filter | Wheels | Material inlet	mm	100 | Ø200 | Ø70
• **Overall dimensions**	Lu x La x H		1621 x 702 x 1374
• **Packing dimensions**	Lu x La x H		1650 x 800 x 1400
• **Ejection system (supplied with hose and gun)**			
- Pump power		kP - HP	1,2 - 1,6
- Pump capacity		l/min	250
- Length of the liquid ejection pipe		m	5
• **Basket material**			
- Capacity		l	60
- Diameter		mm	460
- Mesh / Basket drilling diameter		mm	1,5

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

• **7000X1**	Nylon filter 300 micron - Ø460	
• **7000X2**	Nylon filter 300 micron - Ø360	
• **7000X3**	Nylon filter 200 micron - Ø360	
• **7000X4**	Nylon filter 00 micron - Ø460	
• **301**	Vulkollan wheels	
• **X**	Vacuum cleaner in AISI 304 stainless steel	
• **X316**	Vacuum cleaner in AISI 316 stainless steel	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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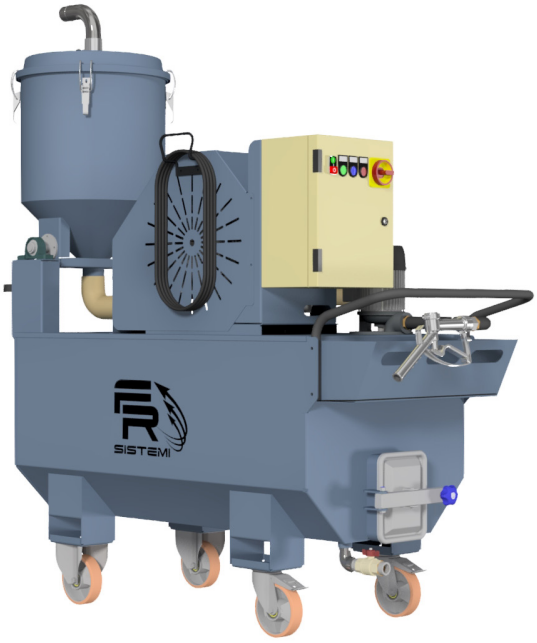
OIL541T

TECHNICAL DATA

• **Power**		kW - HP | Hz	5,5 - 7,4 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 440 | 600 - 720
• **Amperages**		A	13,3 | 7,7
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	450 | 430
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Product capacity	L	415
• **Weight**		kg	230
• **Noise level** [d)]		dB (A)	73
• **Diameters**	Filter | Wheels | Material inlet	mm	100 | Ø200 | Ø70
• **Overall dimensions**	Lu x La x H		1621 x 702 x 1374
• **Packing dimensions**	Lu x La x H		1650 x 800 x 1400
• **Ejection system (supplied with hose and gun)**			
- Pump power		kP - HP	1,2 - 1,6
- Pump capacity		l/min	250
- Length of the liquid ejection pipe		m	5
• **Basket material**			
- Capacity		l	60
- Diameter		mm	460
- Mesh / Basket drilling diameter		mm	1,5



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

• **7000X1**	Nylon filter 300 micron - Ø460	
• **7000X2**	Nylon filter 300 micron - Ø360	
• **7000X3**	Nylon filter 200 micron - Ø360	
• **7000X4**	Nylon filter 00 micron - Ø460	
• **301**	Vulkollan wheels	
• **X**	Vacuum cleaner in AISI 304 stainless steel	
• **X316**	Vacuum cleaner in AISI 316 stainless steel	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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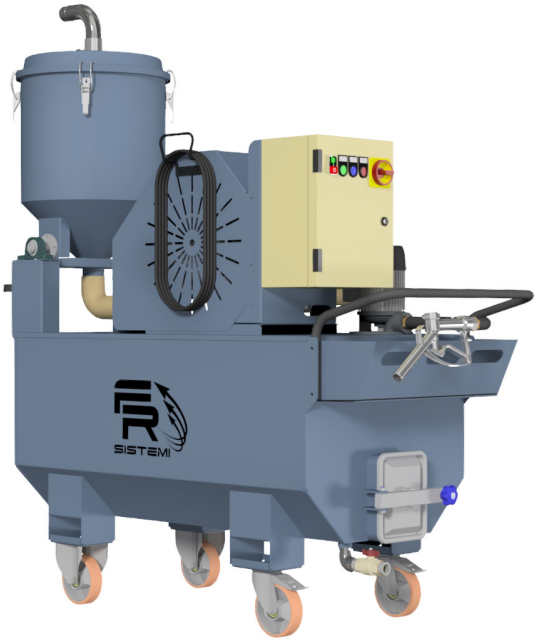
OIL741T

TECHNICAL DATA

• **Power**		kW - HP | Hz	7,5 - 10,12 |50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 440 | 600 - 720
• **Amperages**		A	16,7 | 9,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	400
• **Maximum air flow**		m^3/h	530
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Product capacity	L	415
• **Weight**		kg	230
• **Noise level** [d)]		dB (A)	73
• **Diameters**	Filter | Wheels | Material inlet	mm	100 | Ø200 | Ø70
• **Overall dimensions**	Lu x La x H		1621 x 702 x 1374
• **Packing dimensions**	Lu x La x H		1650 x 800 x 1400
• **Ejection system (supplied with hose and gun)**			
- Pump power		kP - HP	1,2 - 1,6
- Pump capacity		l/min	250
- Length of the liquid ejection pipe		m	5
• **Basket material**			
- Capacity		l	60
- Diameter		mm	460
- Mesh / Basket drilling diameter		mm	1,5



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

• **7000X1**	Nylon filter 300 micron - Ø460	
• **7000X2**	Nylon filter 300 micron - Ø360	
• **7000X3**	Nylon filter 200 micron - Ø360	
• **7000X4**	Nylon filter 00 micron - Ø460	
• **301**	Vulkollan wheels	
• **X**	Vacuum cleaner in AISI 304 stainless steel	
• **X316**	Vacuum cleaner in AISI 316 stainless steel	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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OIL760

TECHNICAL DATA

• **Power**		kW - HP | Hz	7,5 - 10 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 440 | 600 - 720
• **Amperages**		A	16,7 | 9,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	415 | 400
• **Maximum air flow**		m^3/h	520
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Product capacity	L	610
• **Weight**		kg	430
• **Noise level** [d)]		dB (A)	73
• **Diameters**	Filter | Wheels | Material inlet	mm	100 | Ø200 | Ø100
• **Overall dimensions**	Lu x La x H		x x
• **Packing dimensions**	Lu x La x H		x x
• **Ejection system (supplied with hose and gun)**			
- Pump power		kP - HP	1,2 - 1,6
- Pump capacity		l/min	250
- Length of the liquid ejection pipe		m	5
• **Basket material**			
- Capacity		l	60
- Diameter		mm	460
- Mesh / Basket drilling diameter		mm	1,5

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

• **7000X1**	Nylon filter 300 micron - Ø460	
• **7000X2**	Nylon filter 300 micron - Ø360	
• **7000X3**	Nylon filter 200 micron - Ø360	
• **7000X4**	Nylon filter 00 micron - Ø460	
• **301**	Vulkollan wheels	
• **X**	Vacuum cleaner in AISI 304 stainless steel	
• **X316**	Vacuum cleaner in AISI 316 stainless steel	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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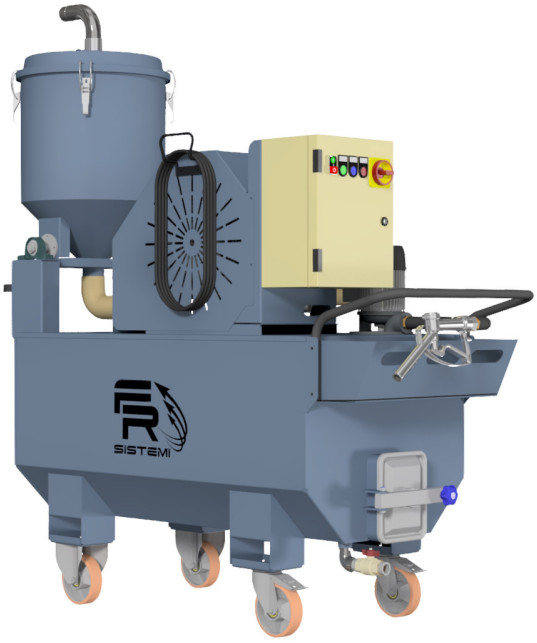
OIL760T

TECHNICAL DATA

• **Power**		kW - HP | Hz	7,5 - 10 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 440 | 600 - 720
• **Amperages**		A	16,7 | 9,6
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	415 | 400
• **Maximum air flow**		m^3/h	520
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Product capacity	L	610
• **Weight**		kg	418
• **Noise level** [d)]		dB (A)	73
• **Diameters**	Filter | Wheels | Material inlet	mm	100 | Ø200 | Ø100
• **Overall dimensions**	Lu x La x H		x x
• **Packing dimensions**	Lu x La x H		x x
• **Ejection system (supplied with hose and gun)**			
- Pump power		kP - HP	1,2 - 1,6
- Pump capacity		l/min	250
- Length of the liquid ejection pipe		m	5
• **Basket material**			
- Capacity		l	60
- Diameter		mm	460
- Mesh / Basket drilling diameter		mm	1,5



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

• **7000X1**	Nylon filter 300 micron - Ø460	
• **7000X2**	Nylon filter 300 micron - Ø360	
• **7000X3**	Nylon filter 200 micron - Ø360	
• **7000X4**	Nylon filter 00 micron - Ø460	
• **301**	Vulkollan wheels	
• **X**	Vacuum cleaner in AISI 304 stainless steel	
• **X316**	Vacuum cleaner in AISI 316 stainless steel	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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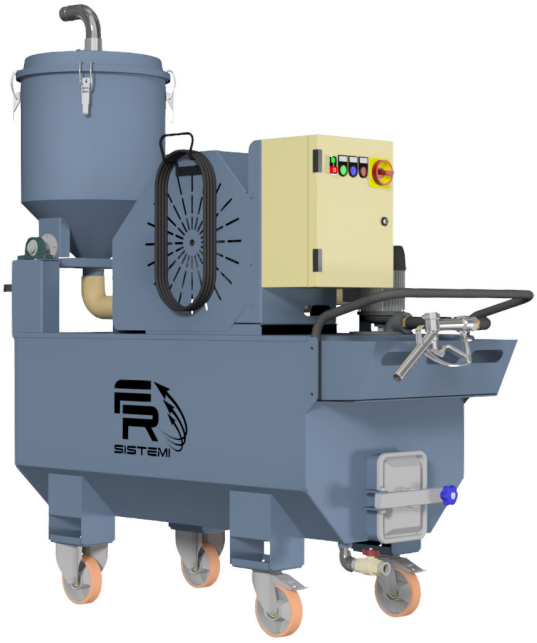
OIL1160T

TECHNICAL DATA

• **Power**		kW - HP | Hz	11 - 17,4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	345 - 440 | 600 - 720
• **Amperages**		A	28,0 | 16,2
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	450 | 430
• **Maximum air flow**		m^3/h	520
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Product capacity	L	610
• **Weight**		kg	430
• **Noise level** [d)]		dB (A)	73
• **Diameters**	Filter | Wheels | Material inlet	mm	100 | Ø200 | Ø100
• **Overall dimensions**	Lu x La x H		x x
• **Packing dimensions**	Lu x La x H		x x
• **Ejection system (supplied with hose and gun)**			
- Pump power		kP - HP	1,2 - 1,6
- Pump capacity		l/min	250
- Length of the liquid ejection pipe		m	5
• **Basket material**			
- Capacity		l	60
- Diameter		mm	460
- Mesh / Basket drilling diameter		mm	1,5



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

• **7000X1**	Nylon filter 300 micron - Ø460	
• **7000X2**	Nylon filter 300 micron - Ø360	
• **7000X3**	Nylon filter 200 micron - Ø360	
• **7000X4**	Nylon filter 00 micron - Ø460	
• **301**	Vulkollan wheels	
• **X**	Vacuum cleaner in AISI 304 stainless steel	
• **X316**	Vacuum cleaner in AISI 316 stainless steel	

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

COMPRESSED AIR INDUSTRIAL VACUUM CLEANERS - FC

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FC36

TECHNICAL DATA

• Compressed air inlet			
• Required air flow		nl/min	1.600
• Pressure required		bar	6
• Working environment temperature		°C	5 ÷ 40
• Antistatic tube	Internal diameter | Length	mm | m	19 | 6
• Maximum depression | Nominal vacuum[3)]		mbar	350
• Maximum air flow		m³/h	140
• ATEX marking [4)]			Available
• Dust bin	Container capacity | Container wheels	L | mm	60 | Ø60
• Weight		kg	35
• Noise level [d)]		dB (A)	70
• Diameters	Filter | Wheels | Material inlet	mm	Ø360 | Ø150 - Ø100| Ø50
• Overall dimensions	Lu x La x H		620 x 550 x 1050
• Packing dimensions	Lu x La x H		800 x 600 x 1110
• Primary Filter			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm² - m² | m³/h	7.000 - 0,7 | Ø360
- Type of filter cleaning			Ergonomic manual filter shaker
• Automatic filter cleaning - Optional (.008)			Unavailable
- Filter media [5)] |Filtration class [e)]			----
- Filtering surface | Permeability		cm² - m² | m³/h	----
- Compressed air	consumption | pressure	nl/min | bar	----
• Absolute suction filter - Optional (.005)			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm² - m² | m³/h	14.000 - 1,4 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.005	Absolute suction filter (HEPA) with primary filter M	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.120	Primary filter in class M	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
• 301	Vulkollan wheels	
• 240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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FC46-60

TECHNICAL DATA

• Compressed air inlet			
• Required air flow		nl/min	3.000
• Pressure required		bar	4 ÷ 9
• Working environment temperature		°C	5 ÷ 40
• Antistatic tube	Internal diameter | Length	mm | m	19 | 6
• Maximum depression | Nominal vacuum[3)]		mbar	450
• Maximum air flow		m³/h	420
• ATEX marking [4)]			Available
• Dust bin	Container capacity | Container wheels	L | mm	60 | Ø60
• Weight		kg	62
• Noise level [d)]		dB (A)	73
• Diameters	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150| Ø70
• Overall dimensions	Lu x La x H		700 x 670 x 1190
• Packing dimensions	Lu x La x H		1000 x 800 x 1550
• Primary Filter			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm² - m² | m³/h	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• Automatic filter cleaning - Optional (.008)			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm² - m² | m³/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• Absolute suction filter - Optional (.005)			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm² - m² | m³/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.005	Absolute suction filter (HEPA) with primary filter M	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.120	Primary filter in class M	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
• 301	Vulkollan wheels	
• 240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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FC46

TECHNICAL DATA

• Compressed air inlet			
• Required air flow		nl/min	3.000
• Pressure required		bar	4 ÷ 9
• Working environment temperature		°C	5 ÷ 40
• Antistatic tube	Internal diameter | Length	mm | m	19 | 6
• Maximum depression | Nominal vacuum[3]		mbar	450
• Maximum air flow		m³/h	420
• ATEX marking [4]			Available
• Dust bin	Container capacity | Container wheels	L | mm	102 | Ø60
• Weight		kg	62
• Noise level [d]		dB (A)	73
• Diameters	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150| Ø70
• Overall dimensions	Lu x La x H		700 x 670 x 1450
• Packing dimensions	Lu x La x H		1000 x 800 x 1550
• Primary Filter			Star filter
- Filter media [5] |Filtration class [e]			Polyester | L
- Filtering surface | Dimensions		cm² - m² | m³/h	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• Automatic filter cleaning - Optional (.008)			Available
- Filter media [5] |Filtration class [e]			Polyester | M
- Filtering surface | Permeability		cm² - m² | m³/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• Absolute suction filter - Optional (.005)			HEPA 14
- Filter media [5] |Filtration class [e]			Glass fiber | H 14
- Filtering surface | Permeability		cm² - m² | m³/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f]	(with 0,18 µm particles)		99,995%

[a] IEC60529
[b] IEC600085
[c] IEC60034-2-1
[d] EN60704-2-1
[e] EN60335-2-69
[f] EN1822

[1] Other voltages available on request
[2] Factory default connection: 400 V - 50 Hz
[3] Maximum depression in continuous use
[4] Available on request
[5] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.005	Absolute suction filter (HEPA) with primary filter M	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.120	Primary filter in class M	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
• 301	Vulkollan wheels	
• 240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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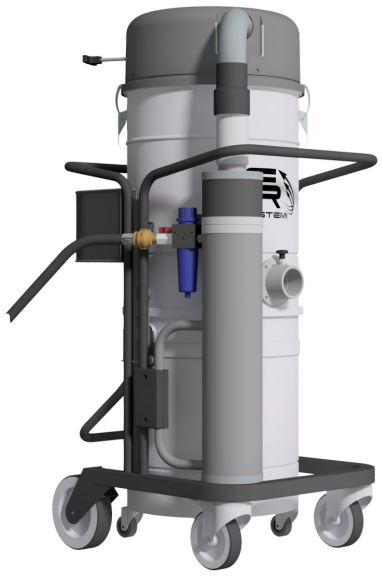
FC246

TECHNICAL DATA

• Compressed air inlet			
• Required air flow		nl/min	6.000
• Pressure required		bar	4 ÷ 9
• Working environment temperature		°C	5 ÷ 40
• Antistatic tube	Internal diameter | Length	mm | m	19 | 6
• Maximum depression | Nominal vacuum[3]		mbar	450
• Maximum air flow		m³/h	816
• ATEX marking [4]			Available
• Dust bin	Container capacity | Container wheels	L | mm	102 | Ø60
• Weight		kg	65
• Noise level [d]		dB (A)	77
• Diameters	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150| Ø70
• Overall dimensions	Lu x La x H		680 x 660 x 1450
• Packing dimensions	Lu x La x H		800 x 800 x 1600
• Primary Filter			Star filter
- Filter media [5] |Filtration class [e]			Polyester | L
- Filtering surface | Dimensions		cm² - m² | m³/h	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• Automatic filter cleaning - Optional (.008)			Available
- Filter media [5] |Filtration class [e]			Polyester | M
- Filtering surface | Permeability		cm² - m² | m³/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• Absolute suction filter - Optional (.005)			HEPA 14
- Filter media [5] |Filtration class [e]			Glass fiber | H 14
- Filtering surface | Permeability		cm² - m² | m³/h	52.000 - 5,2 | 600
- Efficiency M.P.P.S [f]	(with 0,18 µm particles)		99,995%



[a] IEC60529
[b] IEC600085
[c] IEC60034-2-1
[d] EN60704-2-1
[e] EN60335-2-69
[f] EN1822

[1] Other voltages available on request
[2] Factory default connection: 400 V - 50 Hz
[3] Maximum depression in continuous use
[4] Available on request
[5] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.005	Absolute suction filter (HEPA) with primary filter M	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.120	Primary filter in class M	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
• 301	Vulkollan wheels	
• 240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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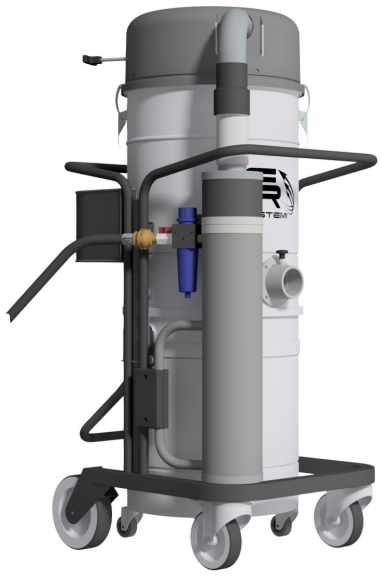
FC256

TECHNICAL DATA

• Compressed air inlet			
• Required air flow		nl/min	6.000
• Pressure required		bar	4 ÷ 9
• Working environment temperature		°C	5 ÷ 40
• Antistatic tube	Internal diameter | Length	mm | m	19 | 6
• Maximum depression | Nominal vacuum[3)]		mbar	450
• Maximum air flow		m³/h	816
• ATEX marking [4)]			Available
• Dust bin	Container capacity | Container wheels	L | mm	102 | Ø60
• Weight		kg	98
• Noise level [d)]		dB (A)	77
• Diameters	Filter | Wheels | Material inlet	mm	Ø560 | Ø200 - Ø150| Ø100
• Overall dimensions	Lu x La x H		680 x 930 x 1800
• Packing dimensions	Lu x La x H		800 x 1200 x 1950
• Primary Filter			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm² - m² | m³/h	35.000 - 3,5 | Ø560
- Type of filter cleaning			Ergonomic manual filter shaker
• Automatic filter cleaning - Optional (.008)			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm² - m² | m³/h	94.800 - 9,48 | 3.410
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• Absolute suction filter - Optional (.005)			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm² - m² | m³/h	105.000 - 10,5 | 600
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%



[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003	Completely made of AISI 304 stainless steel	
.005	Absolute suction filter (HEPA) with primary filter M	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.120	Primary filter in class M	
.021	ATEX version zone 21	
.022	ATEX version zone 22	
• 301	Vulkollan wheels	
• 240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

THREE-PHASE - ECO - FBT SERIES

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FT2-60

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,2 - 3,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230
• **Amperages**		A	9,7
• **Electrical cable**			9mtSchuko+spina 3P+T 16A
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	240
• **Maximum air flow**		m^3/h	350
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	60 | Ø60
• **Weight**		kg	
• **Noise level** [d)]		dB (A)	75
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		
• **Packing dimensions**	Lu x La x H		
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in " M " filtration class	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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FT2-100

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,2 - 3,0 | 50 - 60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230
• **Amperages**		A	9,7
• **Electrical cable**			9mt+spina Schuko3p+T16A
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	210
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	100 | Ø60
• **Weight**		kg	
• **Noise level** [d)]		dB (A)	75
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		
• **Packing dimensions**	Lu x La x H		
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in " M " filtration class	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FT3-60

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4,0 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions** [1) 2)]		V	200-240/345-415
• **Amperages**		A	12,5
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum** [3)]		mbar	270
• **Maximum air flow**		m^3/h	320
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	60 | Ø60
• **Weight**		kg	
• **Noise level** [d)]		dB (A)	72
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		
• **Packing dimensions**	Lu x La x H		
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in " M " filtration class	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FT3-100

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions** [1) 2)]		V	200-240/345-415
• **Amperages**		A	12,5
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum** [3)]		mbar	240
• **Maximum air flow**		m^3/h	350
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	60 | Ø60
• **Weight**		kg	59
• **Noise level** [d)]		dB (A)	69
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		750 x 649 x 1452
• **Packing dimensions**	Lu x La x H		800 x 800 x 1500
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in " M " filtration class	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FT4-60

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,0 - 2,7 | 50 - 60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230
• **Amperages**		A	9
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	240
• **Maximum air flow**		m^3/h	350
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	60 | Ø60
• **Weight**		kg	59
• **Noise level** [d)]		dB (A)	69
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		750 x 649 x 1452
• **Packing dimensions**	Lu x La x H		800 x 800 x 1500
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel dust bin (instead of the painted one)	
.002	AISI 304 stainless steel dust bin and filtering chamber	
.003	Completely made of AISI 304 stainless steel	
.004	Level control for liquids in the container and swith off the machine automatically	
.005	Upstream absolute filter (HEPA) with M dust class primary filter	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.008X	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet completely in stainless steel	
.075	Container level control with machine stop	
.102	Basket for accessories	
.103	Cyclone for filter protection	
.104	Predisposition for start-up via microswitch (i)	
.120	Primary filter in " M " filtration class	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	
.240		

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FTC2

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4,0 | 50 - 60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230
• **Amperages**		A	13,5
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	240
• **Maximum air flow**		m^3/h	510
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	Endless bag
• **Weight**		kg	60
• **Noise level** [d)]		dB (A)	69
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		750 x 649 x 1652
• **Packing dimensions**	Lu x La x H		800 x 800 x 1700
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.240		

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FTC3

TECHNICAL DATA

• **Power**		kW - HP | Hz	3,0 - 4,0 | 50 - 60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230
• **Amperages**		A	13,5
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	240
• **Maximum air flow**		m^3/h	510
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	Endless bag
• **Weight**		kg	60
• **Noise level** [d)]		dB (A)	69
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		750 x 649 x 1652
• **Packing dimensions**	Lu x La x H		800 x 800 x 1700
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.240		

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FTC4

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,2 - 3,0 | 50 - 60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230
• **Amperages**		A	13,5
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	240
• **Maximum air flow**		m^3/h	510
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	Endless bag
• **Weight**		kg	60
• **Noise level** [d)]		dB (A)	69
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		750 x 649 x 1652
• **Packing dimensions**	Lu x La x H		800 x 800 x 1700
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.240		

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FTL2

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,0 - 2,7 | 50 - 60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230
• **Amperages**		A	9
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	240
• **Maximum air flow**		m^3/h	350
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	Endless bag
• **Weight**		kg	58
• **Noise level** [d)]		dB (A)	69
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		750 x 649 x 1652
• **Packing dimensions**	Lu x La x H		800 x 800 x 1700
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.240		

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FTL3

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,0 - 2,7 | 50 - 60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions** [1) 2)]		V	230
• **Amperages**		A	9
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum** [3)]		mbar	240
• **Maximum air flow**		m^3/h	350
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	Endless bag
• **Weight**		kg	58
• **Noise level** [d)]		dB (A)	69
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		750 x 649 x 1652
• **Packing dimensions**	Lu x La x H		800 x 800 x 1700
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.240		

For an effective and proper use according to your application requirements, please see our AP catalogue.
Versions available: • L-M-H filtration (for hazardous powders vacuuming) certification • ATEX certified machines

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FTL4

TECHNICAL DATA

• **Power**		kW - HP | Hz	2,0 - 2,7 | 50 - 60
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	230
• **Amperages**		A	9
• **Electrical cable**			9 | Schuko
• **Electrical protection** [a)]			IP43
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE2
• **Maximum depression | Nominal vacuum**[3)]		mbar	240
• **Maximum air flow**		m^3/h	350
• **ATEX marking** [4)]			Unavailable
• **Dust bin**	Container capacity | Container wheels	L | mm	Endless bag
• **Weight**		kg	58
• **Noise level** [d)]		dB (A)	69
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø200 - Ø150 | Ø70
• **Overall dimensions**	Lu x La x H		750 x 649 x 1652
• **Packing dimensions**	Lu x La x H		800 x 800 x 1700
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Unavailable
- Filter media [5)] |Filtration class [e)]			---- | ----
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	---- | ----
- Compressed air	consumption | pressure	nl/min | bar	---- | ----
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	28.000 - 2,8 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.240		

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DUSTERS - FKF SERIES

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FKF46-800

TECHNICAL DATA

• **Power**		kW - HP | Hz	0,75 - 3,24 | 50
• **Working environment temperature**		°C	5 ÷ 40
• **Tensions**[1) 2)]		V	200 - 240 | 345 - 415
• **Amperages**		A	3,80 | 2,2
• **Electrical cable**			9 | -----
• **Electrical protection** [a)]			IP55
• **Thermal class** [b)]			F
• **Energy rating** [c)]			IE3
• **Maximum depression | Nominal vacuum**[3)]		mbar	200 | 180
• **Maximum air flow**		m^3/h	1000
• **ATEX marking** [4)]			Available
• **Dust bin**	Container capacity | Container wheels	L | mm	102 | Ø60
• **Weight**		kg	60
• **Noise level** [d)]		dB (A)	68
• **Diameters**	Filter | Wheels | Material inlet	mm	Ø460 | Ø150 | Ø100
• **Overall dimensions**	Lu x La x H		679 x 713 x 1680
• **Packing dimensions**	Lu x La x H		700 x 900 x 1750
• **Primary Filter**			Star filter
- Filter media [5)] |Filtration class [e)]			Polyester | L
- Filtering surface | Dimensions		cm^2 - m^2 | mm	19.500 - 1,95 | Ø460
- Type of filter cleaning			Ergonomic manual filter shaker
• **Automatic filter cleaning - Optional (.008)**			Available
- Filter media [5)] |Filtration class [e)]			Polyester | M
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	56.400 - 5,64 | 2.030
- Compressed air	consumption | pressure	nl/min | bar	48 | 4 ÷ 6
• **Absolute suction filter - Optional (.005)**			HEPA 14
- Filter media [5)] |Filtration class [e)]			Glass fiber | H 14
- Filtering surface | Permeability		cm^2 - m^2 | m^3/h	17.000 - 1,7 | ----
- Efficiency M.P.P.S [f)]	(with 0,18 µm particles)		99,995%

[a)] IEC60529
[b)] IEC600085
[c)] IEC60034-2-1
[d)] EN60704-2-1
[e)] EN60335-2-69
[f)] EN1822

[1)] Other voltages available on request
[2)] Factory default connection: 400 V - 50 Hz
[3)] Maximum depression in continuous use
[4)] Available on request
[5)] Other filter media can be chosen according to the materials to be vacuumed

OPTIONAL

.001	AISI 304 stainless steel container	
.002	AISI 304 stainless steel container and filter chamber	
.003		
.005	Absolute suction filter (HEPA) with primary filter M	
.008	Automatic filter cleaning with cartridge filters and subsequent cleaning by counter-current air jet	
.022	ATEX version zone 22	
.120	Primary filter in filtering class M	
.603	Vacuum balancing system for the direct collection of the materials sucked into a plastic bag	

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