

2/2 WAY PILOT OPERATED AUTO DRAIN SOLENOID VALVE (Normally Close)

Automation
Simplified...



Solenoid Valve

Angle Seat Valve

Rotary Coupling

Pneumatic Directional Control Valve

Actuator

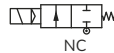
Cylinder

One Touch Fitting

Ball Valve

Butterfly Valve

Country of Origin - INDIA



Specifications

Port :	½" - BSP (F)	Operating Voltage :	230V AC	12V DC	24V DC
End Connection :	Screwed		09W	09W	09W
Body Material :	CF8	Power Consumption :			
Diaphragm :	Nitrile (NBR)	Coil Features :	High Reliability Unaffected by Voltage Surges. Easy coil changes coil lockable in 4X90 position or freely movable in between as require.		
Media Temp :	-30°C to 90°C	Coil Housing :	IP-65 Epoxy square coil		
Circumstance Temp :	-10°C to 70°C	Timing :	Cycle : 1 min to 120 min Adjustable Drain : 1 sec to 25 sec Adjustable		
Media :	Air, Water, Chemical, Gas				
Main Features :	Internal Parts are in superior corrosion resistance steel				

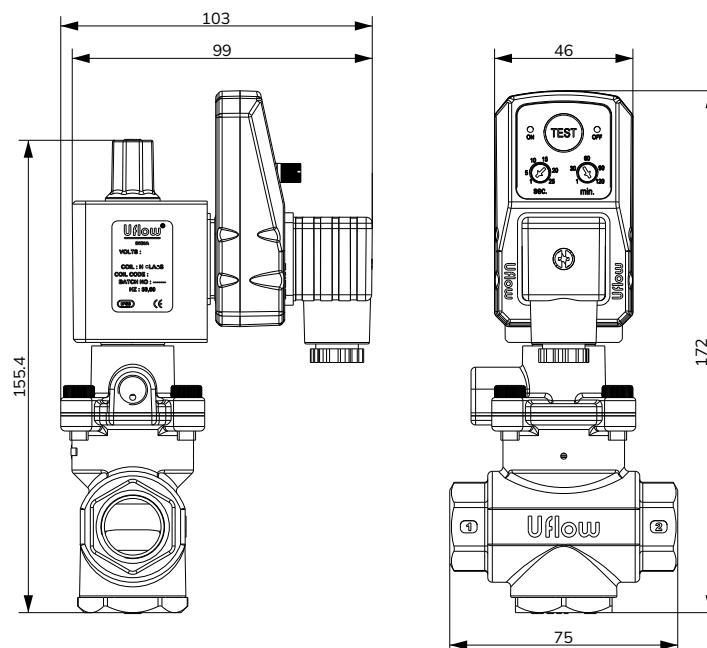
Features

- ✓ Easy to mount at all locations.
- ✓ On / Off timing adjustable.
- ✓ Maintains and cleans drain valves without removing from.
- ✓ Condensate discharging is no more problem.
- ✓ Large orifice for effective drain of dust and condensate.
- ✓ Design specially to drain sludge and rust laden condensate.

Technical Data

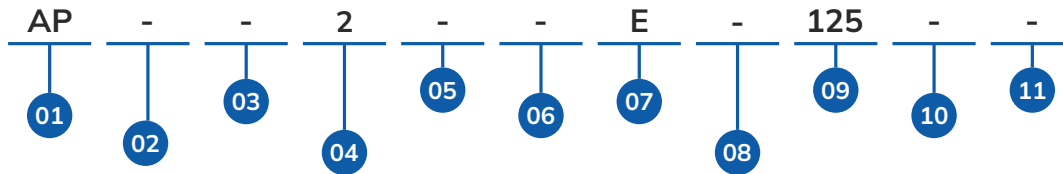
Valve Model No.	Timer Model No.	Coil Model No.	Body Material	Pipe (Inch)	Orifice (mm)	Pilot Pressure Kg/cm ²	Operating Pressure Range Kg/cm ²	Seal & Diaphragm Material	Flow Factor Kv m ³ / hr
AP2E125	T11A	MAI09SV1	CF8	½"	12.5	4	0-16	Nitrile (NBR)	0.20

DIMENSIONS (MM)



* All dimensions are approx

AUTO DRAIN VALVE MODEL CHART



01	PRODUCT TYPE
AD	Auto Drain 2 Way Direct Acting
AP	Auto Drain 2 Way Pilot Operated

02	BODY MATERIAL
-	CF8
M	CF8M

03	SEAL MATERIAL
-	Nitrile
E	EPDM
V	Viton
F	SPL. Viton
S	Silicone

04	PORT SIZE
2	1/2"

05	PRESSURE RANGE
-	0 - 16 BAR
04	0 - 10 Bar

06	PORT CONNECTION
-	BSP

07	COIL DIA
E	14MM
F	14MM FLP
N	14MM SS FLP

08	FEATURES
-	W/O MOR
S	With Strainer

09	ORIFICE IN MM
015	1.5mm Orifice
013	1.3mm Orifice
030	3mm Orifice
125	12.5mm Orifice

10	CONFIGURATION
-	REGULAR
C1	CONFIG 1
C2	CONFIG 2
C3	CONFIG 3
..	..
C9	CONFIG 9
CA	CONFIG 10
CB	CONFIG 11

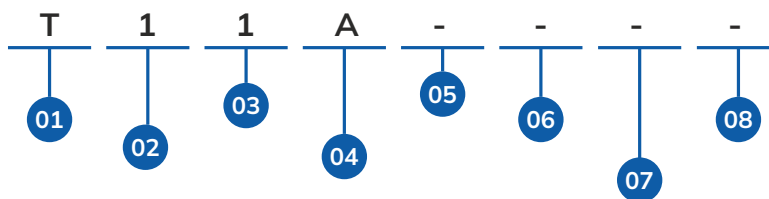
11	VERSION
-	VERSION 0
V1	VERSION 1
V2	VERSION 2
V3	VERSION 3
..	..
V9	VERSION 9
VA	VERSION 10
VB	VERSION 11

SOLENOID COIL MODEL IDENTIFICATION CHART

M		A	I	09	S	-	V1						
PRODUCT TYPE		VOLTAGE		COIL BORE	WATTAGE	CONNECTION	CONFIGURATION	VERSION					
R	ROUND SOLENOID	A	230V AC	F	08MM	00	00.00	S	SOCKET	BLANK	REGULAR	-	VERSION 0
M	EPOXY SOLENOID	B	24V AC	G	10MM	01	01.00	L	LEAD WIRE	C1	CONFIG 1	V1	VERSION 1
W	WEATHER PROOF SOLENOID	C	42V AC	I	14MM	02	02.00	H	½" NPT	C2	CONFIG 2	V2	VERSION 2
F	FLAME PROOF SOLENOID	D	48V AC	K	18 MM	2A	2.5	M	M20 X 1.5	C3	CONFIG 3	V3	VERSION 3
P	POWER SAVER SOLENOID	E	110V AC	P	28 MM	03	03.00	T	¾" NPT	:	:	:	:
B	IP67 WEATHER PROOF	G	24V DC	Q	30 MM	04	04.00	B	BARE LUG	C9	CONFIG 9	V9	VERSION 9
S	SQUARE	J	230V FAC	E	05 MM	05	05.00			CA	CONFIG 10	VA	VERSION 10
		M	24V FAC			06	06.00			CB	CONFIG 11	VB	VERSION 11
		N	415V AC			07	07.00						
		O	36V DC			08	08.00						
		P	110V FAC			09	09.00						
		Q	110V DC			10	10.00						
		R	48V DC			11	11.00						
		S	120V AC			12	12.00						
		T	28V DC			:	:						
		U	6V DC			:	:						
		V	280V AC			33	33.00						
		W	9V DC										
		Y	330V FAC										
		Z	220V DC										
		1	415V FAC										
		2	400V AC										
		3	480V AC										
		I	400V FAC										

MAI09SV1
EPOXY SOLENOID 230V AC 14MM 09W DIN LED SOCKET VERSION 1

TIMER CIRCUIT MODEL CHART



02	PRODUCT TYPE
T	Timer Circuit

03	CYCLE TIME
1	1 to 120 min

04	DRAIN TIME
1	1 to 25 Sec

05	VOLTAGE
A	230V AC
G	24V DC

06	ELECTRICAL CONNECTION
-	DIN 43650 MICRO

07	CONFIGURATION
-	REGULAR
C1	CONFIG 1
C2	CONFIG 2
C3	CONFIG 3
...	...
C9	CONFIG 9
CA	CONFIG 10
CB	CONFIG 11

08	VERSION
-	VERSION 0
V1	VERSION 1
V2	VERSION 2
V3	VERSION 3
...	...
V9	VERSION 9
VA	VERSION 10
VB	VERSION 11