AUTOMATIC DRAIN VALVE SYSTEMS

Preassembled systems consisting of solenoid valve, timer and connector for time adjusted condensate discharge of tanks with compressed air, separators, mains drainage, dryers and filters.

TECHNICAL SPECIFICATIONS

Media: water, oil, air and inert gases
Media temperature: -10°C ÷ +130°C
Ambient temperature: -10°C ÷ +50°C
Seal material: FKM
Coil power: AC 18VA (holding)
AC 36VA (inrush)
DC 14W
Protection class: IP 65 (with connector)
Discharge time: 0,5 to 10 sec;
Interval time: 30 sec to 45 min;
Test switch: manual

OPTIONS

UL approved timers and coils
Valve with NPT connection upon request (e.g. code D249DVFN)
Available with analog and digital timers (see page 46)
For more detailed information about the various components (solenoid valve/timer/connector), please refer to each standard datasheet

USER BENEFITS:

- variable to suit your system needs
- indoor / outdoor installations
- reliable, long life
- easy on the pocket
- visual indication of operation
- manual override - test button

SELECTION TABLE

ADV	Valve	G connection	nominal diameter	flow rate Kvs	OPD min	OPD max AC	OPD max DC	Supply
code	code	[ISO 228 G]	[mm]	[l/min]	[barg]	[barg]	[barg]	[Volts/Hz]
WITH DIRECT ACTING SOLENOID VALVES								SERIES 7000 COILS
888 120 00-	D249DVF	1/4"	2.2	2.4	0	18	-	110v 50Hz - 120v 60Hz
888 121 00-					0	18	-	230v 50Hz - 240v 60Hz
888 122 00-					0	-	16	24v DC
WITH PILOT OPERATED SOLENOID VALVES								SERIES 7000 COILS
888 123 00-	D264DVU	1/4"	10.5	21	0.1	16	-	110v 50Hz - 120v 60Hz
888 124 00-					0.1	16	-	230v 50Hz - 240v 60Hz
888 125 00-					0.1	-	7	24v DC
888 126 00-	D265DVU	3/8"	10.5	24	0.1	16	-	110v 50Hz - 120v 60Hz
888 127 00-					0.1	16	-	230v 50Hz - 240v 60Hz
888 128 00-					0.1	-	7	24v DC
888 129 00-	D266DVU	1/2"	10.5	25	0.1	16	-	110v 50Hz - 120v 60Hz
888 130 00-					0.1	16	-	230v 50Hz - 240v 60Hz
888 131 00-					0.1	-	7	24v DC

STRAINER FOR CONDENSATE DRAIN

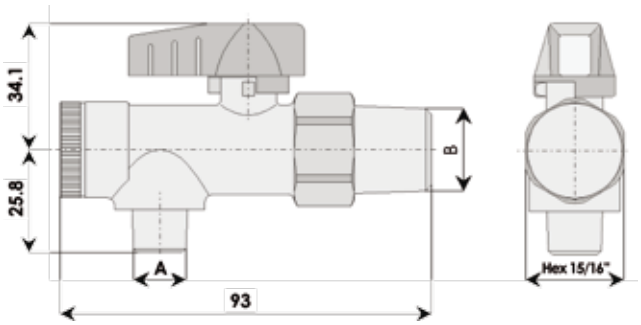
**Strainer consisting of a ball valve with filter to be used together with the automatic drain valve.
In order to clean and check the filter it is enough to close the valve to isolate it and then unscrew the plug.**

TECHNICAL SPECIFICATIONS

- Media: water, oil, air, inert gases
- Media temperature: -10°C ÷ +130°C
- Ambient temperature: -10°C ÷ +50°C
- Strainer material: brass (CW617N EN 12165)
- Ball valve material: chromed brass (EN 5705-65)
- Filter material: stainless steel (1.4305 EN 10088/AISI 304)
- Seal material: PTFE
- Strainer MAX working pressure: 50 barg
- Cap for inspection and cleaning

SELECTION TABLE

STRAINER	A	B	weight
code	[thread]	[thread]	[kg]
887 052 00-	1/2" NPT	1/2" NPT	0.23
887 053 00-	3/8" NPT	1/2" NPT	
887 054 00-	1/4" NPT	1/2" NPT	
887 057 00-	1/2" GAS	1/2" GAS	
887 058 00-	3/8" GAS	1/2" GAS	
887 059 00-	1/4" GAS	1/2" GAS	



AUTOMATIC DRAIN VALVE SYSTEMS WITH AIR ACTUATED VALVES

**Compressed air systems must be engineered to allow condensate to collect at low points, where automatic drainage should be provided.
Condensate is a mixture of: water, oil and dirt, its "thickness" or viscosity increasing with low temperatures.
Operating drain valves manually is time consuming and costly, and those awkward positions often get forgotten.
The ADV overcomes all these problems allowing you to "tune" its operation, through the variable timers, to suit specific system conditions.**

USER BENEFITS:

- no maintenance!
- design studied for severe conditions
- reliable, long life
- no minimum pressure required
- waterhammer-free desing (flow direction 2 → 1)