

Lasting Values



Automatic Drain Valves



Series LDV

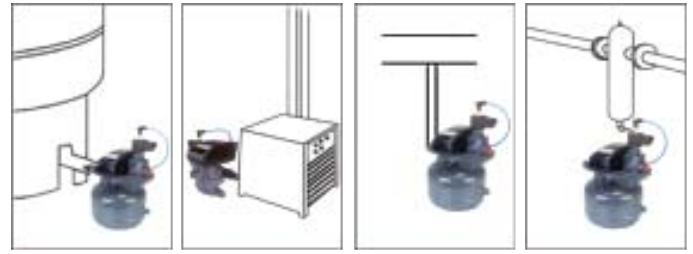
- Zero Air Loss
- Noise Free
- Condensate Sensing Type
- Design Patented

NQA
ISO 9001 : 2000

The LDV Series

Trident's condensate sensing type automatic drain valve is the latest advancement in drain valve technology. Instead of operating through cycle timer, these valves sense the condensate level for activation, ensuring absolutely no loss of compressed air and hence enormous energy saving. Trident condensate sensing type drain valves are highly efficient and reliable. These drain valves can be fitted directly on the equipment simply by replacing the manual drains.

Application



Air Receivers Refrigerated Dryers Drop Legs Filters / Separators

Features

- The electronic level control ensures proper draining of condensate and avoids unnecessary loss of air.
- All the functions of the valve are accurately indicated by the LED display.
- Test switch (or) manual drain allows function test at anytime.
- Intelligent Controller detects valve, probe failure and acts accordingly.
- Noise free, as air is not discharged.

Technical Specifications

Specification	Model			
	LDV-1000	LDV-2000	LDV-3000	LDV-4000
Maximum Working Pressure	10 Kg/cm ²	16 Kg/cm ²	16 Kg/cm ²	16 Kg/cm ²
Minimum Working Pressure	2 Kg/cm ²	2 Kg/cm ²	2 Kg / cm ²	2 Kg/cm ²
Maximum discharge Quantity	25 litres/hr	135 litres/hr	535 litres/hr	700 litres/hr
Capacity	upto 250 cfm	upto 1000 cfm	upto 2000 cfm	upto 50,000 cfm
Weight	1.25 Kg	3 Kg	12 Kg	15 Kg
Fluid Temperature	75°C	75°C	75°C	75°C
Class of protection	2P55 - IP55	IP55	IP55	IP55
End connection Inlet	½" (F) BSP	½" (M) BSP	½" (M) BSP	1½" NB
End connection Outlet	6mm Hose barb	½" (F) BSP	½" (F) BSP	1" (F) BSP
Voltage	85 to 135 V AC	85 to 135 V AC	85 to 135 V AC	85 to 135 V AC
Power consumption	12 Watts	12 Watts	12 Watts	12 Watts
Test/Manual override button	✓	✓	✓	✓
Intelligent Controller	✓	✓	✓	✓
Dimension L x B x H (mm)	115 x 100 x 100	170 x 220 x 260	270 x 270 x 410	670 x 250 x 380
Valve orifice	4 mm	8 mm	8 mm	25 mm

Manufacturing Facility



Our Presence

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Our other Range of Products

- Time based Auto Drain Valve
- Desiccant Dryer (Heatless)
- Blower Reactivated Dryer
- Refrigeration Type Dryer
- Submicron Filter
- Moisture Separator

