

"Drop Leg" Automatic Drain

Series AD202 & AD402

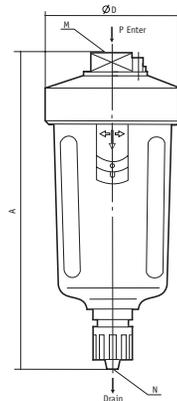
A properly designed overhead compressed air distribution requires "down pipes" (drop legs) to collect and drain accumulated moisture from the system. The number of "drop legs" is determined by the size of the distribution system. No matter how short the system, at least one "drop leg" is required at the end of the sloping overhead line. Overhead air distribution systems that are designed with several down pipes, which are utilized to be the point of pressure source, should extend below the pressure use for the accumulation of condensates. At the bottom of each "drop" some sort of drain valve should be installed. Periodic opening of the valves assures that the accumulated condensates will not flow back into the compressed air line. In order to accomplish the drainage automatically, one Automatic Drain should be installed at the bottom of each airdrop.



Specifications

	AD202-02	AD402-03	AD402-04
Max. Supply Pressure	220 PSI		
Max. Operating Pressure	150 PSI		
Ambient and Media Temperature	40-140°F		
Pressure Range	20-145 PSI	15-150 PSI	
Enter Size	1/4 NPT	3/8 NPT	1/2 NPT
Drain Port	1/8 NPT	Pipe inner dia (.236)	
Drain Type	N.O.		
Manual Drain	Without	With	

Standard with Metal Bowl Guard

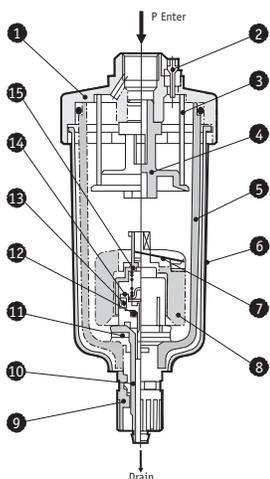


Ordering Information & Dimensions (inches)

Model	A	D	MC	NC
AD202-02	6.22	2.17	1/4 NPT	1/8 NPT
AD402-03	6.69	2.83	3/8 NPT	6mm (Pipe inner dia.)
AD402-04	6.69	2.83	1/2 NPT	6mm (PU)

Construction Parts List

No.	Component	Material
1	Body	Aluminum die casting
2	Relief Needle	Brass
3	Strainer	Stainless Steel Wire Mesh
4	Strainer Seat	POM
5	Bowl Ass'y	Polycarbonate
6	Bowl Guard	Cold Rolled Plate
7	Lever	Stainless Steel
8	Float	Formed PU
9	Drain Knob	POM
10	Drain Pipe	POM
11	Seal	Rubber-Plastic Composite
12	O-Ring	Buna-N
13	V-Ring	Buna-N
14	Piston	POM
15	Float Seat	POM



- Reliable maintenance free operation
- Fine stainless wire mesh inlet strainer with large surface area removes contaminants
- Internal strainer can be cleaned and reused
- All internal components are corrosion resistant materials
- Bayonet locking device permits quick "tool free" disassembly
- Long and trouble free service life