



Armstrong® ADP-1 Pneumatically Operated Liquid Drainer

Armstrong's pneumatically operated liquid drainer with press-to-test actuator for compressed air wastes no air, and it provides automatic operation in a see-thru vessel. This liquid drainer is ideal for draining oil/water separators. Its low profile makes it easy to mount on base-mounted compressors, remote cooler packs, refrigerated air dryers and filters.

Features:

- Convenient press-to-test actuator
- Large 100-oz. see-thru reservoir
- Fully pneumatic
- No wasted air
- Extremely low profile
- Ideal for oil/water separators
- Non-clogging ball valve
- No strainers to clean
- Automatic operation
- Vent valve provided
- Easy to retrofit

Options:

- Legs
- Mechanical cycle counter
- Heater

For a fully detailed certified drawing, refer to CD #1271.

List of Materials

Table LD-37.	
Name of Part	Material
Inlet and Outlet Heads	Aluminum ASTM B221 6061-T6511
Float and Leverage System	Stainless Steel
Reservoir	Fiberglass
Outlet Ball Valve	Bronze with Stainless Steel Ball and Stem
Air Cylinder	Stainless Steel
Optional Floor/Wall Mounts	Stainless Steel

Physical Data

Table LD-38. Armstrong ADP-1 Pneumatically Operated Liquid Drainer		
Specifications	in	mm
Liquid Outlet	1/2	15
Liquid Inlet	3/4	20
Alternate Liquid Inlet/Heater	1/2	15
Control Air Inlet	1/8	3
Vent Valve Connection	1/4" OD Tubing	
Weight, lb (kg)	14 (6.4)	
Maximum Operating Pressure	180 psig (12 bar)	
Maximum Operating Temperature	150°F (66°C)	
Capacity	1.5 lb liquid per cycle	
Maximum Control Air Pressure	80 - 120 psig (6 - 8.3 bar)	

