



HAD SERIES

CONDENSATE AUTO DRAINS

FOR REMOVAL OF LIQUID CONDENSATE DRYING SYSTEM



Introduction

Existing problems in compressed air system

All condensate produced by air drying needs to be handled properly because it is a dirty mixture containing water, air compressor oil, dirt and rust. Due to the constant changes of atmospheric conditions, production load and air compressor conditions, solenoid valves or manual discharge valves are not suitable for use in most cases. Because these methods are easy to cause huge waste of energy or a large amount of water leakage in the filter due to improper adjustment.

Condensate must be drained frequently, and typical condensate drains tend to lose valuable compressed air.

In order to extend the service life and improve energy saving efficiency, it is recommended to adopt the Yun Air-HAD series zero air loss drain. This is an easy to maintain external drain that uses the relationship between buoyancy and pressure to control condensate discharge, which is cost-effective and effective.



Features

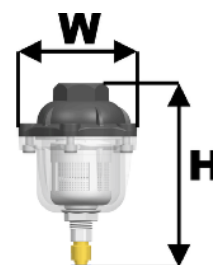
- Buoyancy and pressure control minimize costly compressed air loss.
- Easy to repair, all maintenance parts are concentrated in one device.
- Made of corrosion-resistant materials.
- Quiet operation.

Applications for Automatic Drains

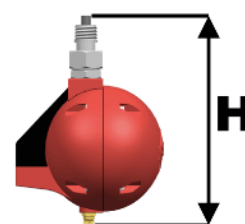
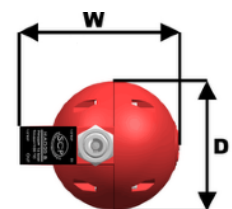
- For the air compressor itself
- Installed on the air compressor after cooler
- Install on the buffer tank / surge tank
- Installed on the coalescing pre-filter element for coarse filtration
- Installed on the cold spot or outlet of the refrigerated dryer
- Installed on the outlet of the desiccant dryer

Technical Data

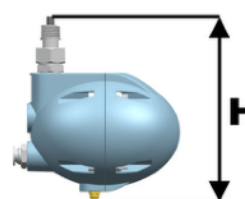
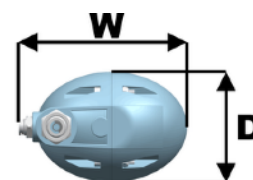
Description	Automatic Drain
Model	HAD10B
Operating temperature range	1.5–85 °C
Max.Operating pressure	13 bar
Mass	0.13 kg
Largest discharge capacity (at 7 bar)	84 l/h
Inlet/outlet connection	Rc1/2",φ6 (mm)
Medium	Condensate (air, water, oil)
Measurment W*D*H (mm)	79*79*112



Description	Automatic Drain
Model	HAD20B
Operating temperature range	1.5–65 °C
Max.Operating pressure	16 bar
Mass	0.6 kg
Largest discharge capacity (at 7 bar)	400 l/h
Inlet/outlet connection	Rc1/2"
Medium	Condensate (air, water, oil)
Measurment W*D*H (mm)	134*108*180



Description	Automatic Drain
Model No.	HAD30B
Operating temperature range	1.5–65 °C
Max.Operating pressure	20 bar
Mass	1.0 kg
Largest discharge capacity (at 7 bar)	800 l/h
Inlet/outlet connection	Rc1/2"
Medium	Condensate (air, water, oil)
Measurment W*D*H (mm)	172*107*180





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OEM Capabilities

When you need a special auto drain for a unique application, Yun Air experts are ready to work with you. We can tailor a configuration to meet your special need. In addition, with LEAN manufacturing, we can produce specials in reasonable quantities, in a reasonable amount of time, at a reasonable price. Not only will this enhance the performance of your product, but it will benefit you with aftermarket sales of replacement elements.

OUR RANGES OF PRODUCTS INCLUDE THE FOLLOWING:

- Compressed air dryers
- Compressed air filters
- Compressed air water separators
- Alternative air filter elements
- Condensate auto drain
- Compressed air accessories
- Portable mask