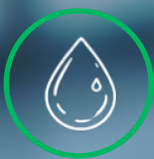


HAD 30B

AUTOMATIC CONDENSATE DRAIN

ZERO AIR LOSS FOR DRYING SYSTEM



800L/h
MAX DISCHARGE



ZERO
ELECTRICITY



PREMIUM
DIE-CAST ALUMINUM

ZERO AIR LOSS, **MAXIMUM RELIABILITY**

Automatic Condensate Drain 1/2"

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.

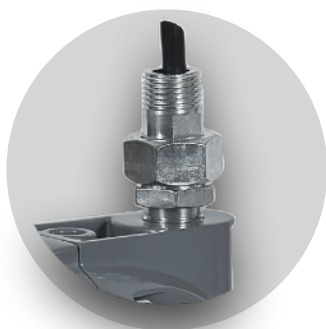
Condensate must be drained frequently, and typical condensate drains tend to lose valuable compressed air.

On the market, there are several types of auto drains for your choice, when you selecting a condensate drain, factors such as potential air loss, energy consumption and maintenance frequency are essential to running the most efficient compressed air system.

In order to extend the service life and improve energy saving efficiency, it is recommended to adopt the Yun Air-HAD30B zero air loss drain which is highly reliable for industrial compressed air treatment applications, uses the relationship between buoyancy and pressure to control condensate discharge, which is cost-effective and effective, zero-loss option. This style drain does not require an electric power source or manual calibration for installation, therefore reduce the waste of compressed air has a positive effect on the efficiency of the whole system. However, one may need to manually service the drain to remove large particles within the internal strainer.



Mixed lubricated oil pollutants inside the drain body



The anti-airlock adapter balances the air pressure



Stainless steel manual drain valve suited once an interior blockage occurred



Easy to install fast connection kit for venting

The YunAir Difference: Why HAD30B?

ENGINEERED FOR RELIABILITY

- **Extra-Thick Drain Housing**

The HAD30B shell is manufactured using state-of-the-art precision aluminum die-casting technology, ensuring a flawless, pore-free grain structure for extreme pressure resistance.

- **Discharge Capacity (800 L/h):**

Effortlessly flushes out up to 800 liters of oil-water mixture per hour, preventing condensate backup even in high-humidity climates.

- **Zero Air Loss / Energy Saving:**

Unlike electronic timer valves that blast out compressed air when opening, this mechanical float mechanism only opens when full of liquid. It prevents valuable compressed air from escaping.

- **Innovative Anti-Air Locker System**

Every YunAir HAD30B is equipped with an integrated Anti-Air Locker. This advanced mechanism instantly equalizes internal air pressure and buoyancy, ensuring the float ball responds fluidly and precisely to the actual condensate level.

- **Stainless Steel Manual Drain Valve**

Every YunAir HAD30B comes standard with a Stainless Steel Manual Drain Valve. This premium feature allows maintenance teams to safely perform manual system flushes and zero-pressure depressurization without worrying about cracks or thread stripping.

- **100% Factory Testing Device Inspected**

Every single HAD30B unit undergoes rigorous quality screening on our advanced in-house hydrostatic and pneumatic testing devices before packaging. No shortcuts, no defects.

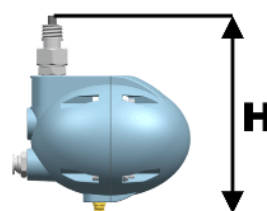
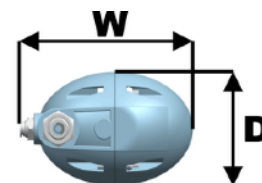
- **Fast ROI & Low Cost:**

Highly durable construction minimizes routine maintenance, extending the life of your expensive filter elements with a fast return on investment.



TECHNICAL SPECIFICATIONS

- Auto drain type..... Float type
- Model..... HAD30B
- Operating temperature range..... 1.5-100 °C
- Proof pressure..... 16 bar
- Max.Operating pressure..... 10 bar with manual drain valve
- Largest discharge capacity (at 7 bar)..... 800 L/h
- Initial Discharge value..... 91-93 mL
- Mass..... 1.1 kg
- Inlet/outlet connection..... Rc1/2", Rc1/2"
- Medium..... Condensate (air, water, oil)
- Measurment W*D*H (mm)..... 172*107*180



RANGE OF APPLICATIONS



REFRIGERATE AIR DRYERS

Reliably handles the continuous water output from the drying stage.



CENTRIFUGAL MOISTURE SEPARATOR

Flush out bulk liquid water and dense oil droplets at the front end.



COMPRESSED IN-LINE AIR FILTERS

Protect delicate coalescing elements from liquid logging.