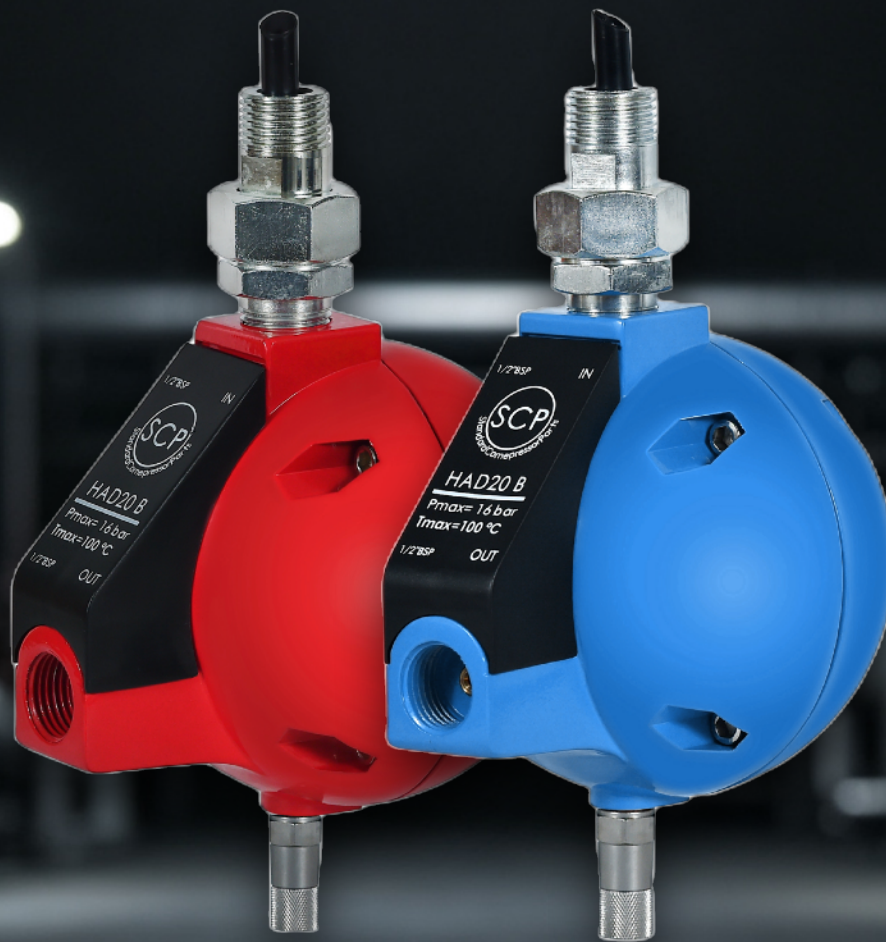


HAD 20B

AUTOMATIC CONDENSATE DRAIN

ZERO AIR LOSS FOR DRYING SYSTEM



400L/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-HAD 20B 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



Nipple matched to balance the air pressure



Stainless steel manual drain valve for discharge



Outlet for venting



Stainless steel float ball

The YunAir Difference: Why HAD20B?

ENGINEERED FOR RELIABILITY

- **Extra-Thick Drain Housing**

The HAD20B 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 (400 L/h):**

Effortlessly flushes out up to 400 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 HAD20B 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 HAD20B 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 HAD20B unit undergoes rigorous quality screening on our advanced in-house hydrostatic and pneumatic testing devices before packaging. No shortcuts, no defects.

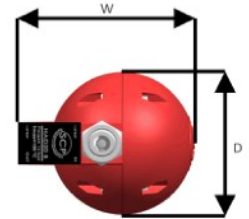
- **Fast ROI & Low Cost:**

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.....	HAD20B
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).....	400 l/h
Initial Discharge value.....	72-75 mL
Mass.....	0.5 kg
Inlet/outlet connection.....	Rc1/2", Rc1/2"
Medium.....	Condensate (air, water, oil)
Measurment W*D*H (mm).....	134*108*180



AVAILABLE IN 3 COLORS



BLACK



RED



BLUE



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Hongrijia Depurate Facility Science & Technology Co.,Ltd

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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