



with optional heater

Smart Guard

Condensate Drain

LEVEL SENSING • ZERO AIR LOSS • OPTIONAL HEATER

The Smart Guard and Smart Guard HP zero air loss condensate drains provide effective and efficient condensate removal while saving you time and money. With innovative features like remote alarm contacts, a test button, LED indicator lights and an optional heater for cold weather applications, these electronic drains are the optimum choice for reliable, energy saving condensate removal.

A robust 2/2 way capacitive level sensing actuator operates a direct acting valve to discharge condensate without losing any valuable compressed air. An integrated mesh strainer protects the valve from blockage and alarm contacts provide remote, real time indication of drain function.

For quick and easy installation and maintenance all models include a six foot power cord and feature a removable electronic module and top cover allowing you to disassemble the drain without disconnecting any pipe work.

The Smart Guard and Smart Guard HP meet the demand of virtually any application. These two models cover all compressed air systems up to 3000 scfm and up to 725 psig.



ZERO AIR LOSS



LEVEL SENSING



ENERGY SAVING



OPTIONAL HEATER

FEATURES

BENEFITS

| | |
|---------------------------|---|
| No balance line required | Easy to install & protected from air lock. |
| Built in test function | Easily monitor and test drain operation to verify proper performance. |
| LED status & alarm lights | Reliable operation & protection from blockage. |
| Integrated mesh strainer | Connect to multiple collection points. |
| Multiple inlet ports | Quick and easy to maintain. |
| Removable top cover | Verifiable condensate removal performance. |
| Remote alarm contacts | Perfect for cold weather applications. |
| Optional heater | |

SPECIFICATIONS



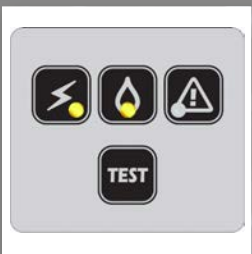
Optional heater



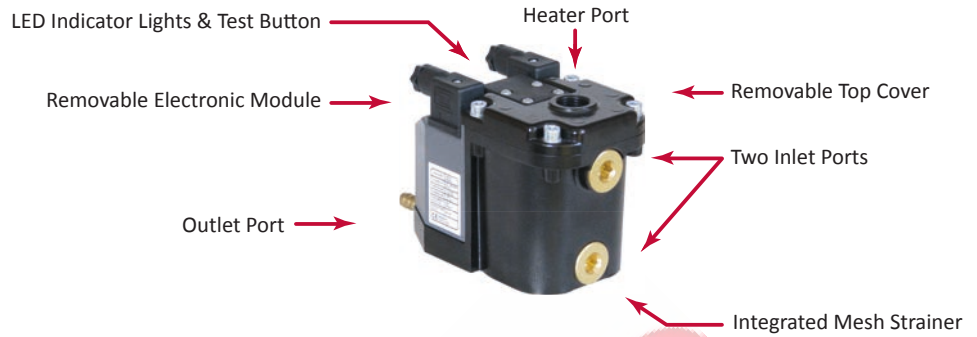
Removable top cover



Easy to service

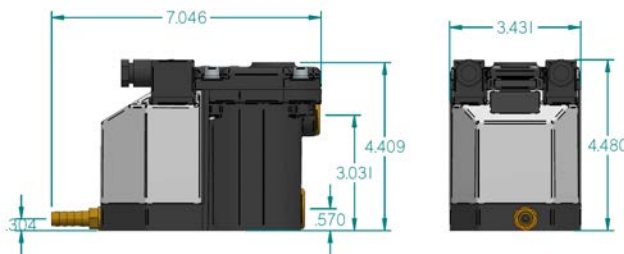


LED lights & test button



| | | Smart Guard | Smart Guard HP |
|--------------------------------|------------------|--------------------------------|----------------|
| Maximum Compressor Capacity | | 3000 scfm | |
| Maximum Condensate Capacity | | 11.6 gal/hr | 35 gal/hr |
| Maximum Operating Pressure | | 230 psig | 725 psig |
| Connections | Inlet | 1/2" NPT (F) | |
| | Outlet | 1/4" NPT (F) | |
| Discharge Valve | Seal Material | FPM | |
| | Orifice Diameter | 4.5 mm | 1.8 mm |
| | Type | 2/2 way direct acting | |
| Condensate Temperature Range | | 34 to 122°F | |
| Inlet Port Heights | Top Port | 4.49 in | |
| | Side Ports | 2.95 in | |
| | | 0.59 in | |
| Housing Material | | Aluminum | |
| Electrical Supply Options * | | 115VAC, 230VAC, 24VAC or 24VDC | |
| Electrical & Alarm Connections | | DIN 43650-B | |
| Electrical Protection | | NEMA 4 (IP 65) | |

* A 6 foot power cord is included with all options.



Perfect for installations with:

- Below freezing conditions
- Expensive electrical costs
- Multiple condensate sources
- Electrical power limitations
- Compressed air limitations

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