



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.

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



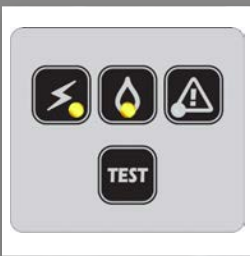
Optional heater



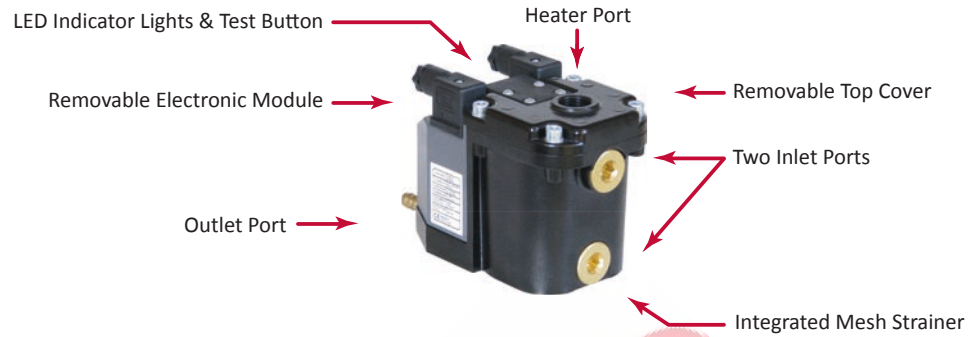
Removable top cover



Easy to service

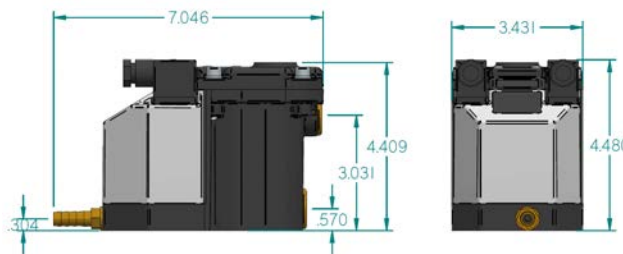


LED lights & test button



		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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