

Smart Guard Mini *Condensate Drain*

EXTREMELY COMPACT • LEVEL SENSING • ZERO AIR LOSS

Perfect for filters and refrigerated dryers up to 350 scfm the Smart Guard Mini zero air loss condensate drains provide effective and efficient condensate removal in an extremely small and lightweight package. With features such as a test button, LED indicator light and automatic blockage detection, these energy saving electronic drains are the optimum choice for reliable, energy saving condensate removal when space is limited.

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 a test button provides immediate verification of drain function. In addition, an internal sensor automatically detects potential blockages and will pulsate the valve to attempt to clear them.

For quick and easy installation and maintenance, all models include an externally mounted valve, a removable electronic module, and a removable top cover, allowing the drain to be easily disassembled without disconnecting any pipe work.



ZERO
AIR LOSS



LEVEL
SENSING



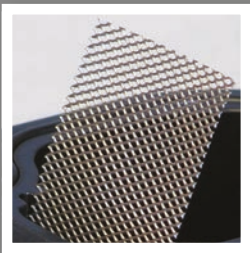
ENERGY
SAVING

FEATURES	BENEFITS
Small & lightweight	Easy to install - even in tight spaces.
Built in test function	Easily monitor and test drain operation to verify proper performance.
LED status light	
Integrated mesh strainer	Reliable operation & protection from blockage.
Automatic blockage detection	Detects and attempts to clear blockages.
Removable top cover	Quick and easy to maintain.
For systems up to 350 cfm	Fits most compressed air filters and dryers.
Rugged aluminum housing	Built for industrial applications.

SPECIFICATIONS



Small & lightweight



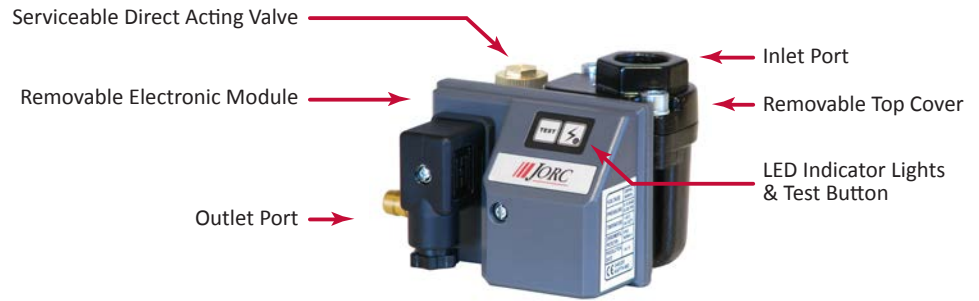
Integrated mesh strainer



Easy to service



LED light & test button



		Smart Guard
Maximum Compressor Capacity		350 scfm
Maximum Operating Pressure		230 psig
Connections	Inlet	1/2" NPT (F)
	Outlet	1/4" NPT (F)
Discharge Valve	Seal Material	FPM
	Orifice Diameter	2.0 mm
	Type	2/2 way direct acting
Condensate Temperature Range		34 to 122°F
Housing Material		Aluminum
Electrical Supply Options *	AC	24, 115 or 230 VAC
	DC	24 VDC
Electrical & Alarm Connections		DIN 43650-B
Electrical Protection		NEMA 4 (IP 65)
Weight		1.1 lbs

* A 6 foot power cord is included with 115 or 230 VAC options.



Perfect for installations with:

- Severe space limitations
- Expensive electrical costs
- Filters & dryers ≤ 350 cfm
- Electrical power limitations
- Compressed air limitations

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Smart Guard Mini R1