

EDD Series

Electronic Level-Controlled Condensate Drain



Benefits of the EDD Series

No Air Loss: Reliable condensate drain without unnecessary loss of compressed air.

Cost-Effective: Complete replacement of all wearing and pressure-bearing parts in one swift movement. No installation of seals and component parts.

Application: Oil-contaminated and oil free condensate.

The EDD Series drain is a rugged and cost-effective condensate drain for compressor stations with an intake volume up to 1300 scfm.

This EDD can be used for application in aggressive atmospheres and for the discharge of condensates from special gas compression.

Capacitive level control without mechanical moving parts in conjunction with a specially developed membrane and the angle-seat valve allow reliable discharge of condensate from vacuum and pneumatic systems at low operating pressures.

Problems in the condensate drain are monitored and indicated by the integrated self-control unit.

Characteristics

- Simple installation
- No preventive checks or maintenance required
- Clear and distinct display of operating parameters by LED Display
- Self-monitoring thanks to integrated alarm system
- Non-wearing, capacitive measuring system without moving parts
- Rugged and durable construction
- Potential-free alarm contact
- Test button for checking device functions

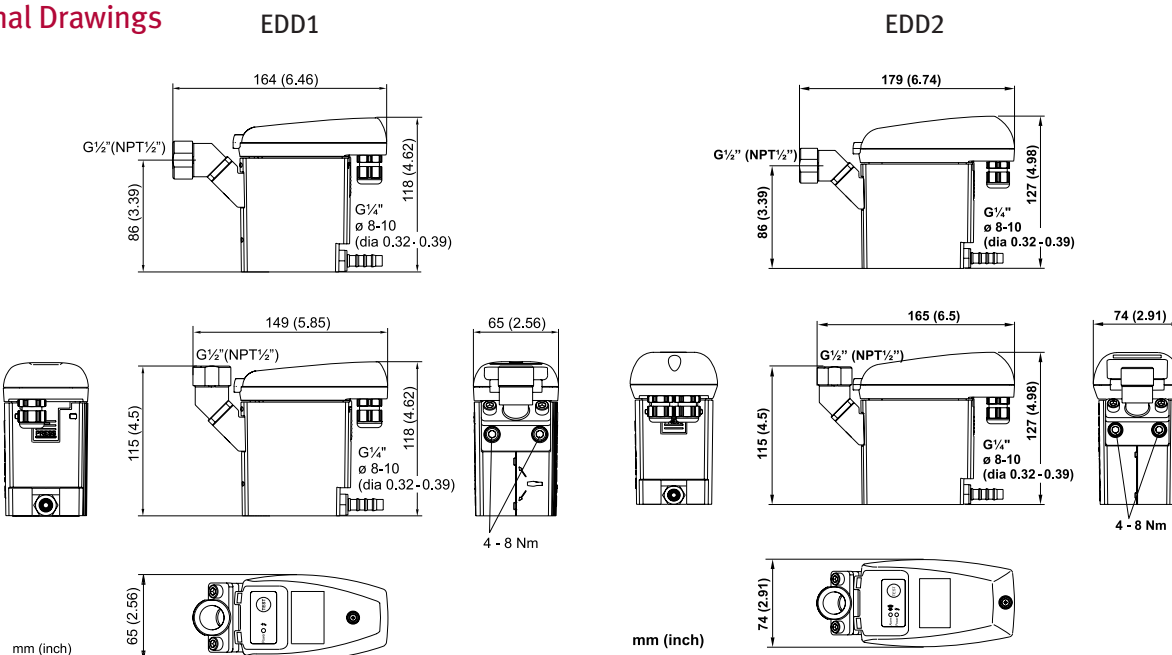


Experience Proven Results™

Technical Specifications

	EDDS ₁	EDDS ₂
Compressor performance)*	100 scfm	225 scfm
Refrigeration dryer performance)*	200 scfm	450 scfm
Filter/Separator performance)*	1000 scfm	2250 scfm
Operating pressure min/max.	12/232 psi	12/232 psi
Housing	fiberglass-reinforced plastic, aluminium	fiberglass-reinforced plastic, aluminium
Material membrane	Viton	Viton
Ambient temperature	+33° F/+140° F	+33° F/+140° F
Weight	1.8 lbs	2.2 lbs
Condensate inlet	NPT ½" [optional BSP ½"]	NPT ½" [optional BSP ½"]
Condensate outlet (hose connection)	1 x G¼" hose connector; di = 8–10 mm	1 x G¼" hose connector; di = 8–10 mm
Electrical connection, standard	115 Vac	115 Vac
Power input	max 0.5 VA	max 2 VA
Housing protection	IP 54	IP 54
Cable cross section	recommended 3 x 0.75 mm ²	recommended 3 x 0.75 mm ²
Fuse protection	recommended 0.5 A/mt	recommended 0.5 A/mt

Dimensional Drawings



Gardner Denver®

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