PRODUCT DATA SHEET

ACOUSTIC ENCLOSURES FOR REDUCED VACUUM PUMP NOISE

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Edwards' acoustic enclosures are the ideal noise reduction solution for use in a laboratory or an industrial environment. The specially designed soundproof enclosures are made of materials with high noise absorption, reducing vacuum pump noise by up to 9 dB(A), with no impact on vacuum pump efficiency.

Two integrated air cooling fans provide ventilation to maintain optimum pump running temperature; this is backed by an over temperature buzzer alarm (with battery back-up) for that extra peace of mind.

The design of the enclosure allows for easy assembly or disassembly without complex tooling. A removable front panel enables quick visible access to the oil sight glass, and if required a side panel can be quickly removed for access to the oil filter cap (RV/EM only).

Our acoustic enclosures are fully compatible with all RV rotary vane pumps, E2M18/28 rotary vane pumps, and the complete range of nXDS and XDS dry scroll pumps.

Features and benefits

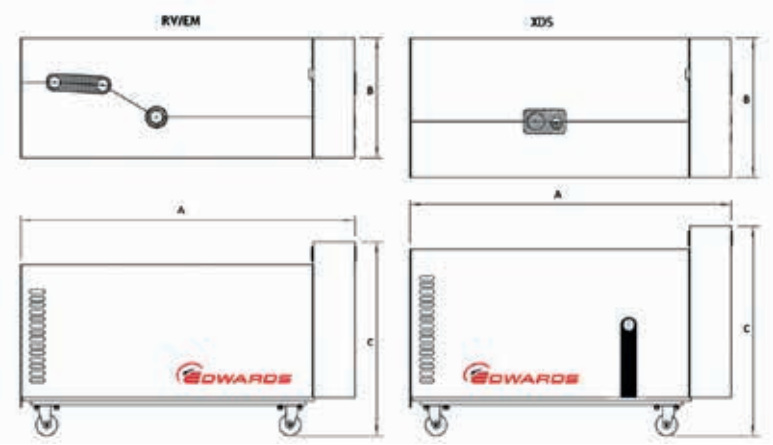
- Simple slot together assembly/disassembly with no tools
- Noise reduction of the E2M28 by 7 dB(A) and the XDS35i by 9 dB(A)
- Castor wheels with brakes make the enclosure and pump easy to move and lock into place
- Integrated cooling fans maintain optimum pump running temperature
- Over temperature buzzer alarm with battery back-up for added security
- Easy access for vacuum pump maintenance
- Powered via a power cable fitting into an IEC 320 socket

Technical data

Mass	
RV/EM	23 kg
nXDS/XDS	37 kg
Electrical supply for cooling fans	
Voltage	100-120 V/200-240 V
Fuse rating	5 A Type T 20 mm
Connector	IEC320 socket
Approximate noise reduction	
RV	7 dB(A)
E2M28	7 dB(A)
XDS35i/46i	9 dB(A)
XDS5/10	8 dB(A)
nXDS	5 dB(A)

Dimensions mm (inch)

Dimension	RV/EM	nXDS/XDS
A	790 (31.10)	778 (30.63)
B	285 (11.22)	442 (17.40)
C	460 (18.11)	580 (22.83)



Ordering information

Product description	Item number
RV/EM acoustic enclosure 100-120 V	NRD317000
RV/EM acoustic enclosure 200-240 V	NRD318000
nXDS/XDS acoustic enclosure 100-120 V	NRY5C0000
nXDS/XDS acoustic enclosure 200-240 V	NRD797000

Spares and accessories	Item number
2 m electrical supply cable, UK 3 pin plug	A50505000
2 m electrical supply cable, N.Europe plug	A50506000
2 m electrical supply cable, USA/Japan plug	A50507000
2 m electrical supply cable, no plug	A50508000
NW25 aluminium nipple 100 mm long	C10514409
NW40 aluminium nipple 130 mm long	C10516409

Publication Number: 3601 0036 01
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