

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

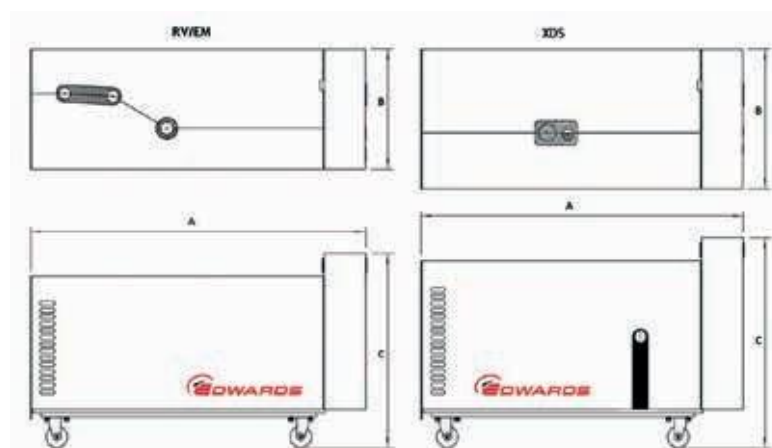
- Simple slot together assembly/disassembly with no tools
- Noise reduction of the E2M28 by 7 dB(A) and the XDS35i by 9 dB(A)
- Castor wheels with brakes make the enclosure and pump easy to move and lock into place
- Integrated cooling fans maintain optimum pump running temperature
- Over temperature 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

Official Distributor in Australia



EZZI VISION

Vacuum and Thin Film Technology

CONTACT US

T: 1800 GO EZZI

E: sales@ezzivision.com.au

W: ezzivision.com.au

VIC: 13/62 Ramset Drive, Chirnside Park,
VIC 3116, Australia

NSW: Unit 1, 80 O'Riordan St, Alexandria,
NSW 2015, Australia

WA: Unit 11, 24 Baile Road, Canning Vale,
WA 6155 Australia

GLOBAL CONTACTS

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Edwards Ltd, registered in England and Wales
No. 6124750, registered office: Innovation Drive,
Burgess Hill, West Sussex, RH15 9TW, UK.

EMEA

UK

+44 (0) 1444 253 000
(local rate) 0845 921 2223

Belgium

+32 2 300 0730

France

+33 1 4121 1256

Germany

0800 000 1456

Italy

+ 39 02 48 4471

Israel

+ 972 8 681 0633

ASIA PACIFIC

China

+86 400 111 9618

India

+91 20 4075 2222

Japan

+81 47 458 8836

Korea

+82 31 716 7070

Singapore

+65 6546 8408

Taiwan

+886 3758 1000

AMERICAS

USA

+1 800 848 9800

Brazil

+55 11 3952 5000

