#### **PRODUCT DATA SHEET**

# ACOUSTIC ENCLOSURES FOR REDUCED VACUUM PUMP NOISE

edwardsvacuum.com

EDWARDS

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	ly 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)
В	285 (11.22)	442 (17.40)
С	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 © Edwards Limited 2016. All rights reserved Edwards and the Edwards logo are trademarks of Edwards Limited

Whilst we make every effort to ensure that we accurately describe our products and services, we give no guarantee as to the accuracy or completeness of any information provided in this datasheet.

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



### **GLOBAL CONTACTS**

EMEA		ASIA PACIFIC	
ик	+44 1444 253 00	China	+86 400 111 9618
	(local rate) 08459 212223	India	+91 20 4075 2222
Belgium	+32 2 300 0730	Japan	+81 47 458 8836
France	+33 1 4121 1256	Korea	+82 31 716 7070
Germany	0800 000 1456	Singapore	+65 6546 8408
Italy	+ 39 02 48 4471	Taiwan	+886 3758 1000
Israel	+ 972 8 681 0633	landan	1000 3730 1000
		AMERICAS	

USA

Brazil

+1 800 848 9800 +55 11 3952 5000