

# ACOUSTIC ENCLOSURES FOR REDUCED VACUUM PUMP NOISE

Giving you a clear edge

## PRODUCT DATASHEET

**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

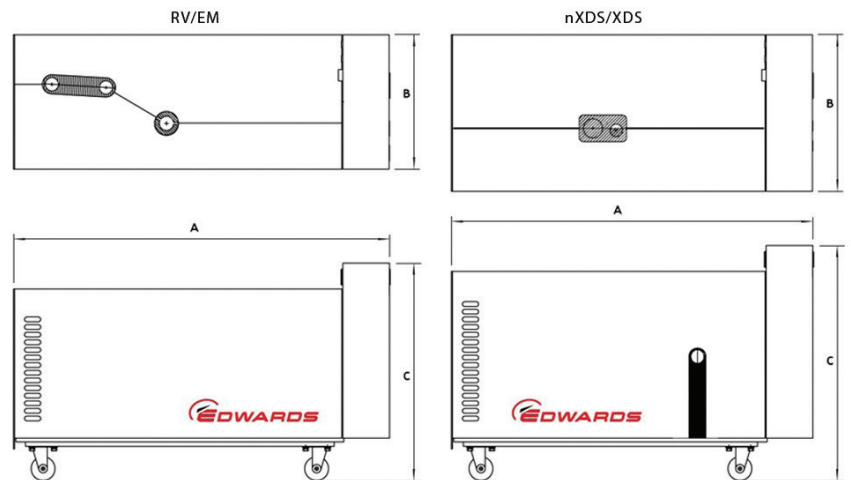
Powered via a power cable fitting into an IEC 320 socket

## Technical data and dimensions

Mass	
RV/EM	23 kg
nXDS/XDS	37 kg
Electrical supply for cooling fans	
Voltage	100-120 V/200-240 V
Fuse rating Connector	5 A Type T 20 mm
Connector	IEC320 socket
Typical 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

## Global contacts

### EUROPE

**UK Crawley** +44 1293 528844  
**UK (local rate)** 08459 212223  
**Belgium Brussels** +32 2 300 0730  
**France Paris** +33 1 4121 1256  
**Germany Munich** 0800 000 1456  
**Italy Milan** +39 02 48 4471

### USA

**Niagara (toll free)** +1 800 848 9800

### BRAZIL

**Sao Paulo** +55 11 3952 5000

### ISRAEL

**Qiryat-Gat** +972 8 681 0633

### ASIA PACIFIC

**China (toll free)** +86 400 111 9618

**India, Pune** +91 20 4075 2222

**Japan, Yachiyo** +81 47 458 8831

**Korea, Bundang** +82 31 716 7070

**Singapore** +65 6546 8408

**Taiwan R.O.C. Jhunan Town** +886 3758 1000

Publication Number: N31700895, Issue D  
 © Edwards Limited 2014. All rights reserved.  
 Edwards and the Edwards logo are trade marks of Edwards Limited.