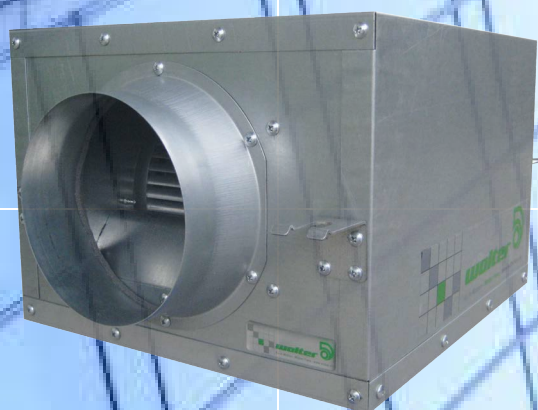




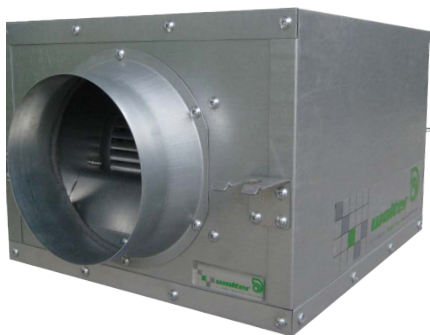
Wolter Low Noise Silent Box

- SDX Series
- SD Series

Air in Motion.
Wolter Fans.

wolter 

Wolter Low Noise Silent Box - SDX, SD



Design features

- › Casing made of galvanised sheet steel
- › Acrylonitrile-butadiene rubber acoustic insulation for SDX series (tested to BS 476: Part 6 & 7)
- › Low noise levels
- › Screwed panels allow easy access to the fan
- › Low & Compact height profile
- › Easily connected to standard tubes / ductwork

Casing

Fan casing made of galvanized sheet steel and SDX series insulated with sound absorbing acrylonitrile-butadiene rubber.

Motorized impeller

2 step motors for SDX/SD 100 ~ 200M & SDX/SD 200ML - This allows speed adjustment by means of a simple step switch. The forward-curved centrifugal impellers are made of galvanised sheet steel. The impeller is fixed directly onto the external rotor motor and the motorised impeller unit is dynamically balanced at two planes according to G 2.5 (DIN ISO 1940). The ball bearings are maintenance free.

Induction motors for SDX/SD 200L & SDX/SD

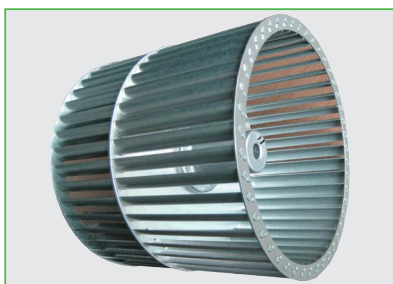
250M, 250LE - IEC motors of protection Class IP54, insulation class F & optional Class H for operating at higher ambient temperatures can be offered.

Performance curves

The performance curves of these fans have been established in a test chamber according to AMCA 210 and indicate the static pressure increase ΔP_{st} as a function of the volume flow

Sound level

The sound pressure dB(A) shown in table next page is measured at 1,5 meter from the fan casing with connected ducts on both inlet and outlet side.



Technical Data

(Power Supply 50Hz 220V)

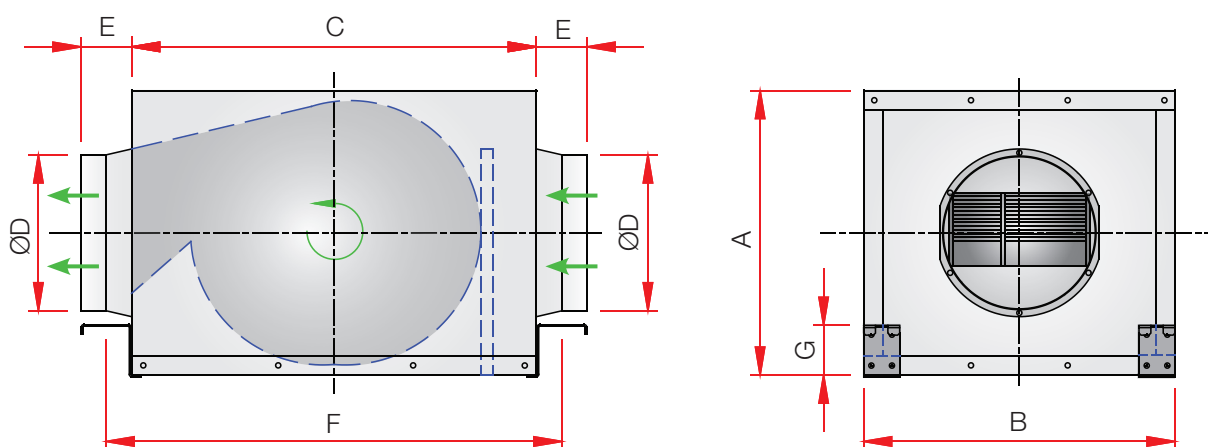
Model Size	Speed [1/min]	Power [W]	Current [A]	Capacitor [µf]	Volume Flow [m³/h]	Sound Pressure Level [dB(A)] 1,5m	Weight [KG]
SDX 100 / SD 100	1420	32	0,15	1	180	22 / 23	5,5
	1350	27	0,12		160	17 / 18	
SDX 100L / SD 100L	1400	47	0,21	1,2	308	24 / 25	5,8
	1300	42	0,19		280	20 / 21	
SDX 150 / SD 150	1400	47	0,21	1,2	430	26 / 27	6,5
	1300	42	0,19		290	22 / 23	
SDX 160 / SD 160	1400	87	0,39	2,5	550	30 / 31	8,4
	1300	81	0,36		427	27 / 28	
SDX 160L / SD 160L	1370	125	0,56	2,5	685	31 / 32	8,7
	1300	115	0,50		530	28 / 29	
SDX 200M / SD 200M	1370	125	0,56	2,5	767	32 / 33	9,8
	1300	115	0,50		510	29 / 30	
SDX 200ML / SD 200ML	1370	125	0,56	2,5	850	33 / 34	10,5
	1300	115	0,50		565	30 / 31	
SDX 200L-4 / SD 200L-4	1400	250	1,73	12	1400	43 / 44	14
SDX 250M-4 / SD 250M-4	1350	550	3,94	25	2160	50 / 52	20
SDX 250M-4K / SD 250M-4K	1380	370	2,47	16	1630	49 / 51	18
SDX 250M-6 / SD 250M-6	910	370	2,83	16	1410	37 / 38	20
SD 250LE-4	1380	370	2,47	16	1680	46	16
SD 250LE-4K	1400	250	1,73	12	1250	45	15

Note: 1, The volume flow indicated above is measured in chamber at 0 static pressure;

2, The sound level are measured at the 1.5 meter from the fan body when ducts are connected on both inlet and outlet side.

3, Subject to change without prior notice.

Dimension



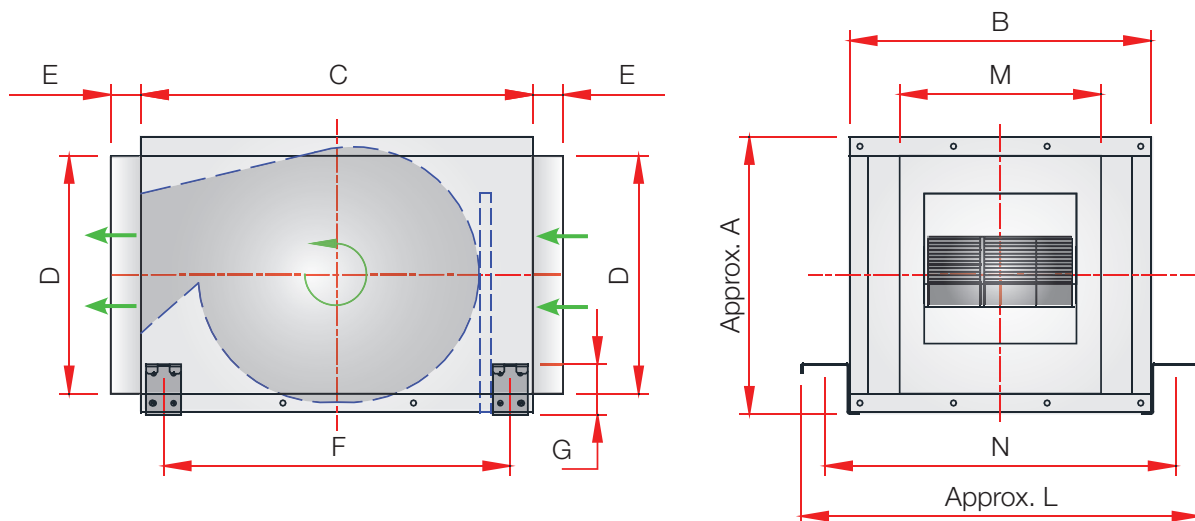
Model	A	B	C	D	E	F	G
SDX 100 / SD 100	183	291	292	99	52	336	51
SDX 100L / SD 100L	183	291	292	149	61	336	51
SDX 150 / SD 150	205	291	302	149	61	345	51
SDX 160 / SD 160	231	317	339	159	61	383	51
SDX 160L / SD 160L	231	317	339	199	72	383	51
SDX 200M / SD 200M	252	378	399	199	72	442	51
*SDX 200ML / SD 200ML	252	378	399	199	72	442	51
SDX 200L / SD 200L	300	530	400	199	72	443	51
SDX 250M / SD 250M	335	570	400	249	90	443	51

Note: 1, All dimensions in mm;

2, * 200ML does not come with inlet nozzle.

3, We reserve the right to alter measurements without notice in case of technical improvements.

Dimension



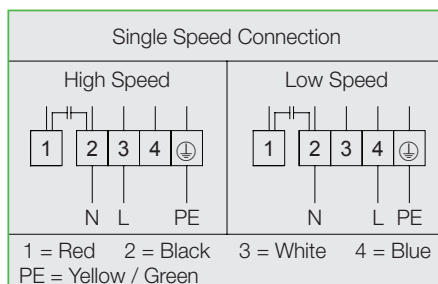
Model	A	B	C	D	E	F	G	L	M	N
SD 250LE	335	400	400	290	40	351	51	500	270	460

Note: 1, All dimensions in mm;

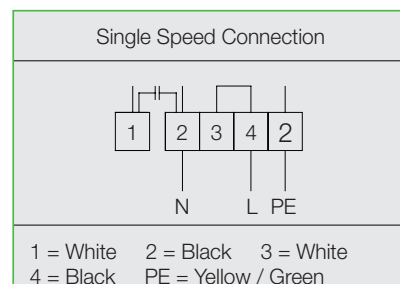
2, We reserve the right to alter measurements without notice in case of technical improvements.



For SDX 100 to SDX 200M and 200ML

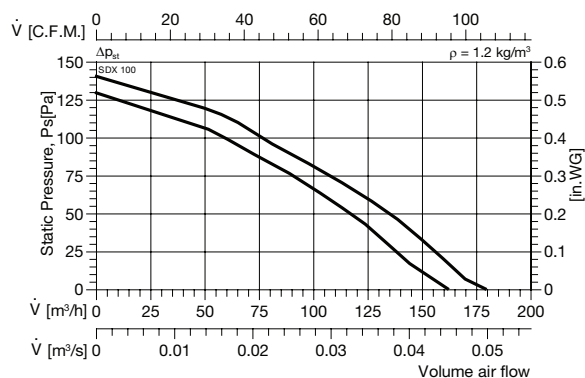


For SDX 200L, 250M, 250LE

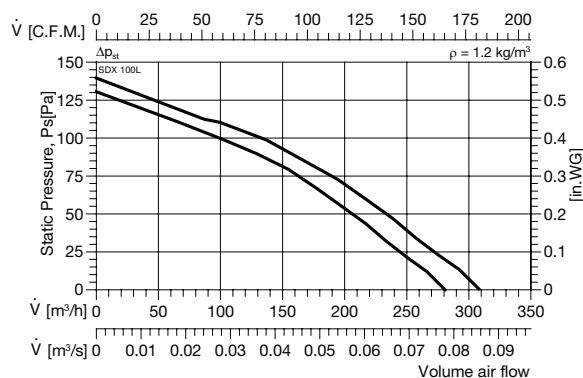


Performance curves

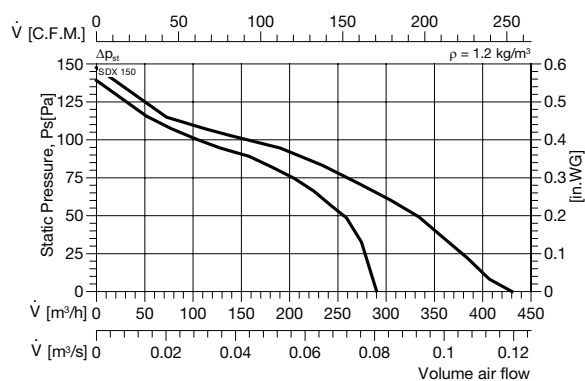
SDX 100 / SD 100



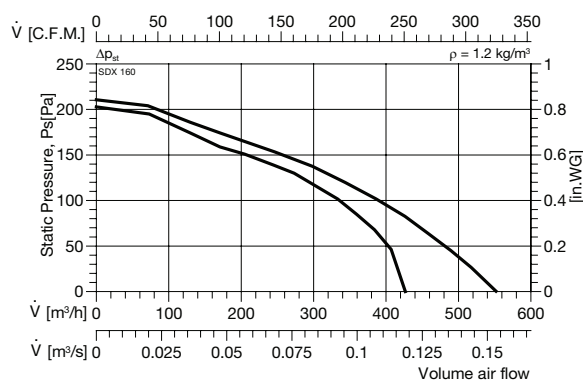
SDX 100L / SDX 100L



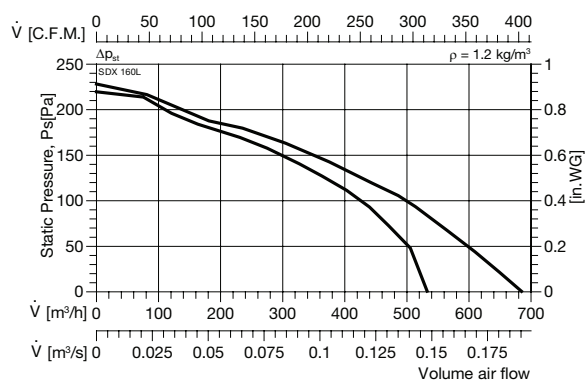
SDX 150 / SD 150



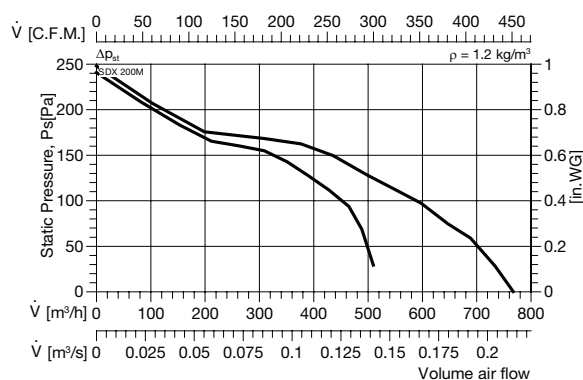
SDX 160 / SD 160



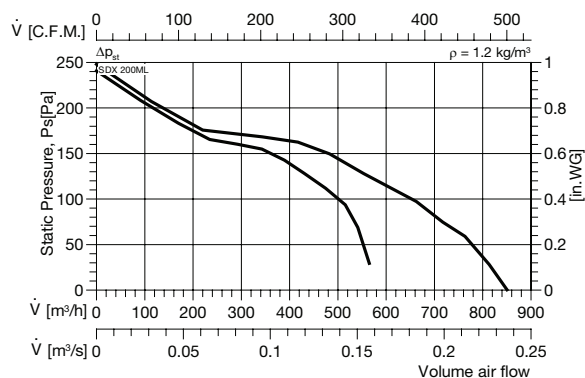
SDX 160L / SD 160L



SDX 200M / SD 200M

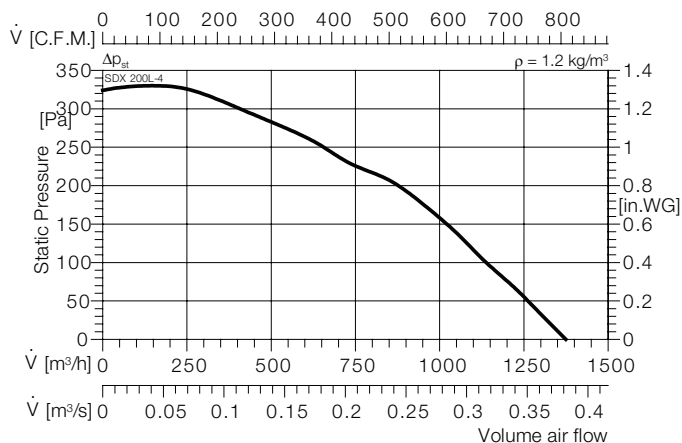


SDX 200ML / SD 200ML

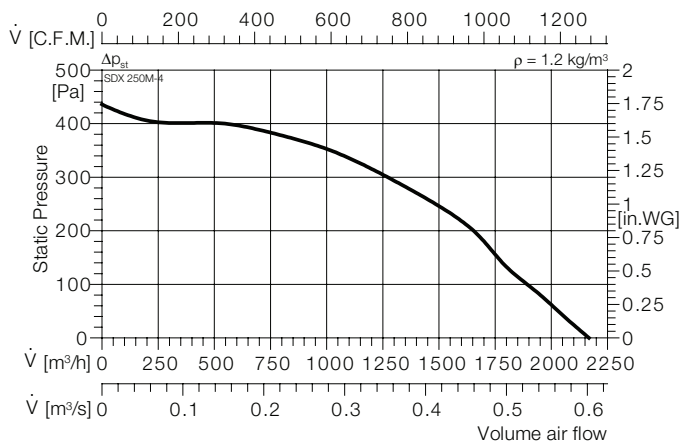


Performance curves

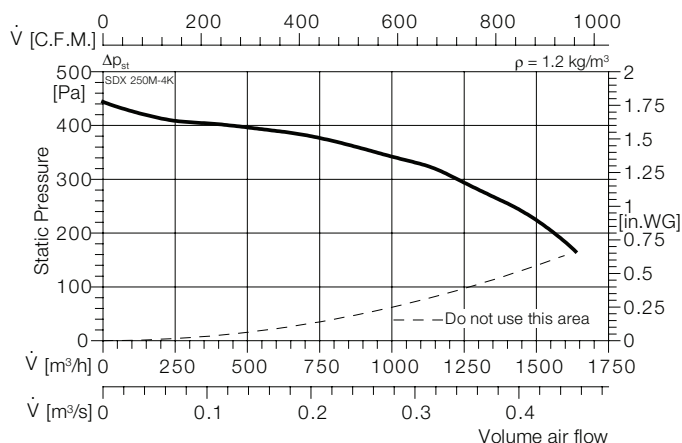
SDX 200L-4 / SD 200L-4



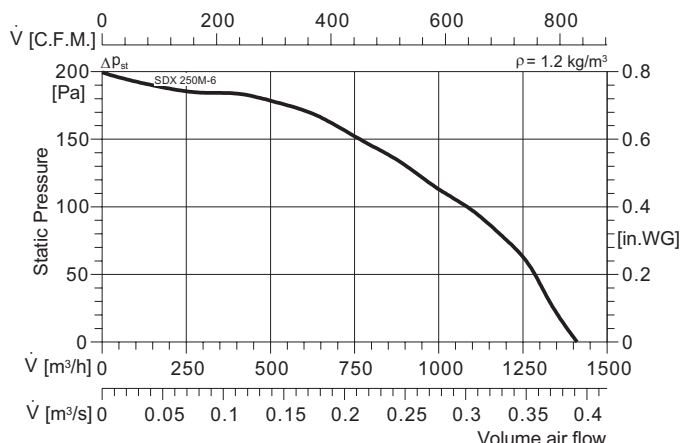
SDX 250M-4 / SD 250M-4



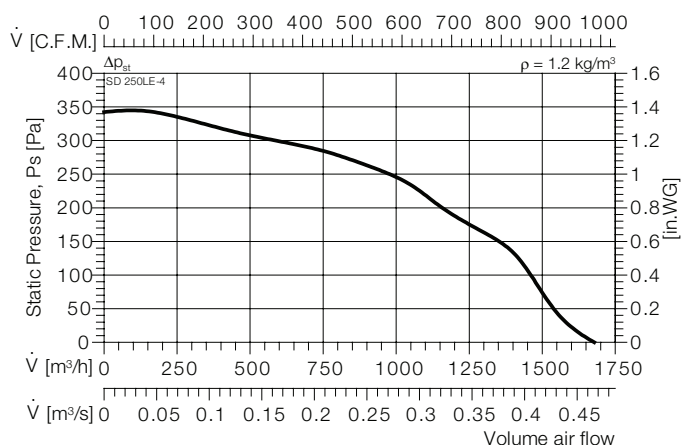
SDX 250M-4K / SD 250M-4K



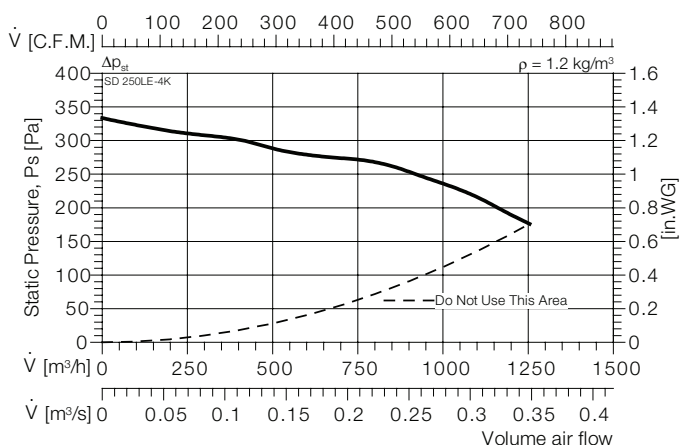
SDX 250M-6 / SD 250M-6



SD 250LE-4



SD 250LE-4K



Wolter Sales Network

Inland

Ing. Günther Rößler
D-07619 Schkölen
T +49 (0) 36 69 4 / 22 359
F +49 (0) 36 69 4 / 22 357
guenther.roessler@wolter.eu

Mattias Industrievertretungen
D-16259 Bad Freienwalde
T +49 (0) 33 44 / 30 19 94
F +49 (0) 33 44 / 30 19 96
thomas.mattias@wolter.eu

Europe

Danmark:

Aircon Teknik A/S
DK-8200 Aarhus N
T +45 (0) 86 / 34 51 11
F +45 (0) 86 / 34 58 10
post@airconteknik.dk

AIRFORCE ApS
DK-8881 Thorsø
T +45 (0) 58 58 58 54
info@airforce.dk

The Netherlands:

AirFan B. V.
NL-7442 CX Nijverdal
T +31 (0) 548 / 36 63 66
F +31 (0) 548 / 36 53 20
ventilatie@airfan.nl

Russia:

Daichi Co. Ltd
RU-123022 Moscow
T +7 (0) 495 / 73 73 733
F +7 (0) 495 / 73 73 732
info@daichi.ru

Poland:

Wentoprodukt
44-100 Gliwice
T +48 (0) 32 33 13 424
F +48 (0) 32 72 97 653 75
biuro@wentoprodukt.pl

Switzerland:

Anson AG Zürich
CH-8055 Zürich
T +41 (0) 44 / 46 11 111
F +41 (0) 44 / 46 13 111
info@anson.ch

Ventra Technik AG
CH-8599 Salmsach
T +41 (0) 71 / 46 11 447
F +41 (0) 71 / 46 11 448
ventra@bluewin.ch

United Kingdom:

Wolter (UK) Ltd.
GB-Leicestershire LE65 1AL
T +44 (0) 1530 / 412 473
info@wolteruk.com

Middle East and North Africa

Israel:

Pach Taas (Ashkelon) Ltd.
IL-78100 Ashkelon
T +972 (0) 8 / 67 19 770
F +972 (0) 8 / 67 19 771
info@pachtaas.com

UAE, Qatar, Lebanon, Jordan, Saudi Arabia:

Energy International Co.
UAE-Sharjah, P.O. Box 3562
T +971 (0) 6 / 53 43 477
F +971 (0) 6 / 53 43 756
fsalibi@energysh.ae

Energy International Co.
P.O. Box 45217 Abu Dhabi, UAE
T +971 (2) 67 11 10 8
F +971 (2) 67 69 669
amohsen@energyintl.ae

Energy International Co.(Dubai-Sharjah)
P.O. Box 3562 Sharjah, UAE
T +(971) 65 34 34 77
F +(971) 65 34 37 56
fsalibi@energysh.ae

Energy International Corporation
Malaz Area, Siteen Highway Beside BANK
ALBILAD Riyadh, Saudi Arabia
T +(966) 14 15 39 59
msheet@energyintl.com

Energy International Corporation
P.O. Box 37364 Doha, Qatar
T +(974) 45 80 765
F +(974) 45 81 126
aassi@energyintl.com

Energy International
234 Balbesi Bldg 2nd floor Al-Madinah,
Al Munawarah St Amman, Jordan
T +(962) 65 67 19 15
F +(962) 65 67 19 16
eabuzahra@energyintl.com

Energy International & Engineering
Mar Roukoz Center-Block B - First Floor,
Hazmieh, Lebanon
T +(961) 54 50 61 0
F +(961) 54 51 16 9
bsaab@energyintl.com

Asia

China:

Dongguan Wolter Chemco Ventilation Ltd.
Chemco Building, Miao Bian Wang Ind.
Shipai, Dongguan City, Guangdong
T +(86) 0 769 / 8655 7298
F +(86) 0 769 / 8655 7278
info@wolterfans.com

Taizhou Wolter Ventilation Co. Ltd.
Hengjie, Luqiao District
Taizhou City, Zhejiang
T +(86) 0 576 / 26 22 666 (26 52 888)
F +(86) 0 576 / 26 56 830

Hongkong:

Wolter Asia Ltd.
Hong Kong
T +(852) 0 2456 0198
F +(852) 0 2456 0290
info@wolter.com.hk

Taiwan:

Waxlink International Co., Ltd.
8F-2 No.218 Roosevelt Rd., Sec.6
Taipei, Taiwan
T +(886) 02 / 8932 1196
F +(886) 02 / 8932 1197
waxlink@mail.waxlinktw.com

India:

Wolter Ventilators India Pvt. Ltd.
867 D, Block-A, Sushant Lok, Phase-I,
Gurgaon - 122009 (Haryana)
T +(91) 124 2577797, 4261001-3
sales@wolterindia.in

Indonesia:

PT Lung Makmur Abadi.
Kawasan Pergudangan Taman Tekno Blok
M/16, Serpong-Tangerang 15310
T +(62) 0 21 / 7588 2609 ext 104
F +(62) 0 21 / 7588 2610
lma.wolter@gmail.com

Korea:

Kaceco-Wolter
14-1, Dang-dong, Gunpo-shi, Gyeonggi-do
T +(82) 0 31 / 4773 104
F +(82) 0 31 / 4773 132
wolter@kaceco.com / info@kaceco.com

Malaysia:

Vibrantech (M) Sdn Bhd.
47200 Petaling Jaya Selangor, Malaysia
T +(603) 0 7847 3500
Fax +(603) 0 7847 3380
sales@vibrantech-sb.com

Singapore:

Wolter Pte. Ltd.
SG-569738 Singapore
T +(65) 0 63 / 52 95 48
F +(65) 0 63 / 52 95 47
info@wolterfans.com.sg

Sri Lanka:

Sirocco Air Technologies (Pvt) Ltd.
28/12, Gemunu Mawatha, Kotuwegoda,
Rajagiriya, Sri Lanka
T +(94) 11 7 392 010
F +(94) 11 7 392 015
suren@sairt.com

Thailand:

Wolter Ventilation Co., Ltd.
Thamai Kratumban Samutsakorn 74110
Thailand
T +(66) 0 3486 6555
F +(66) 0 3486 6599
natiphan@wolterfan.com

Australia

The Sydney Fan Company.

NSW 2147, Sydney, Australia
T +(61) 0 2 / 9624 4000
F +(61) 0 2 / 9624 4100
sales@thesydneyfancompany.com

Wolter GmbH Maschinen-und Apparatebau KG

Am Wasen 11
D-76316 Malsch / Germany
T +49 (0) 72 04 / 92 01 0
F +49 (0) 72 04 / 92 01 11
www.wolter.eu
info@wolter.eu

