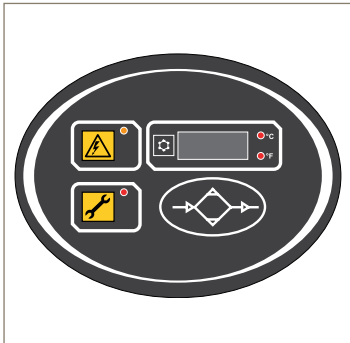


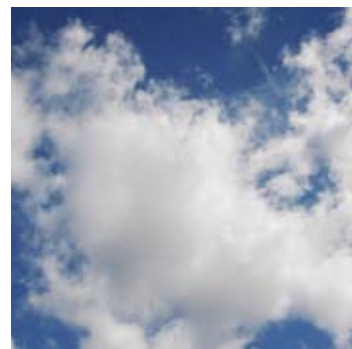


aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



PNEUDRI MX

Upgrade kits

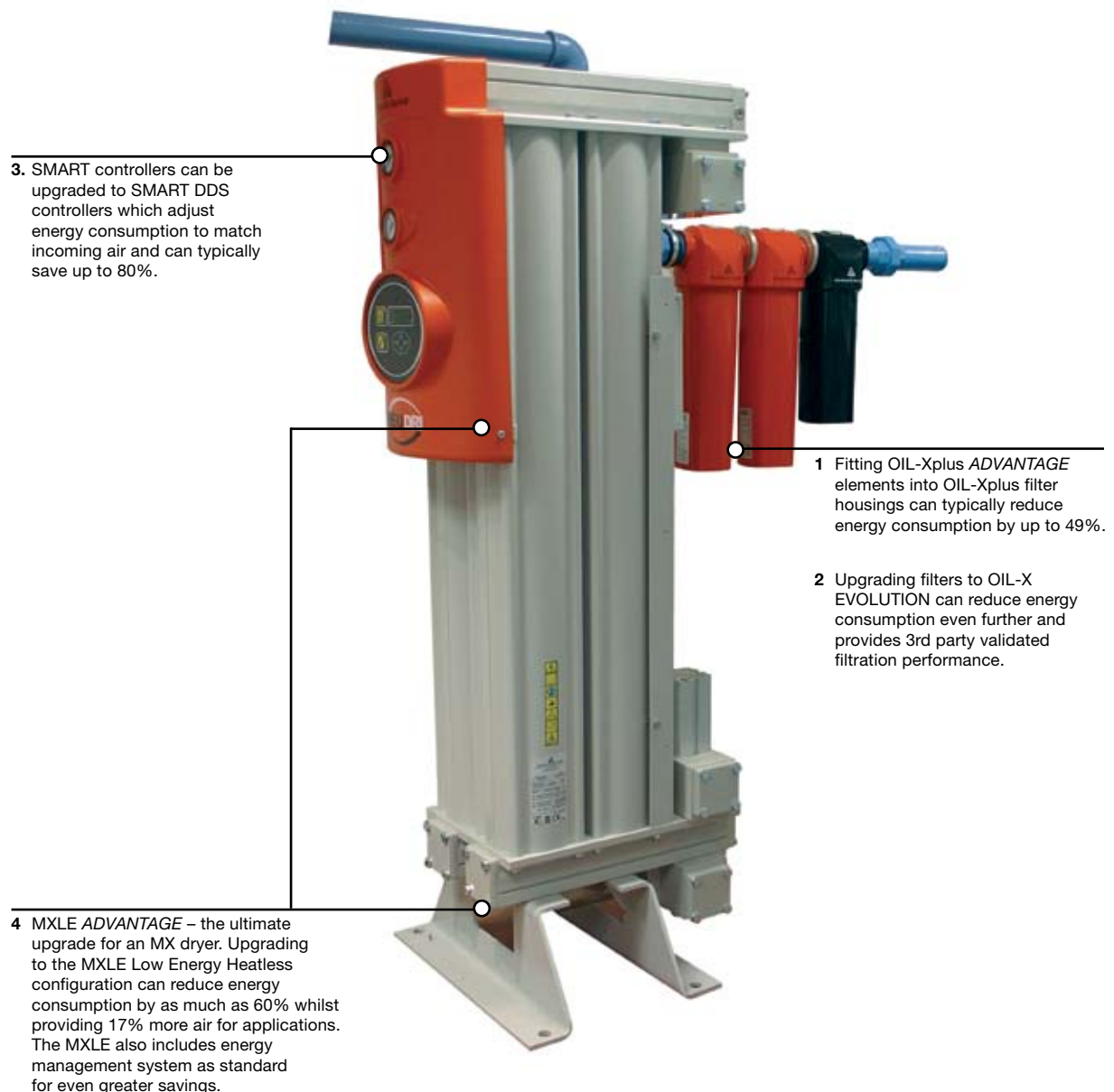


ENGINEERING YOUR SUCCESS.

PNEUDRI MX - The Truly Modular Dryer

Typically, once installed, compressed air dryers are not upgradable and as technology advances, they get left behind. The Parker domnick hunter PNEUDRI MX range of heatless adsorption dryers is a modular drying system that can not only be expanded as your compressed air demands increases, it can also be upgraded to ensure the low energy consumption and reduced CO₂ emissions.

Energy Efficient Upgrades available



1. OIL-Xplus ADVANTAGE Filter Elements

Changing the element of your existing OIL-Xplus filter housings with the new pleated OIL-Xplus ADVANTAGE elements will provide:

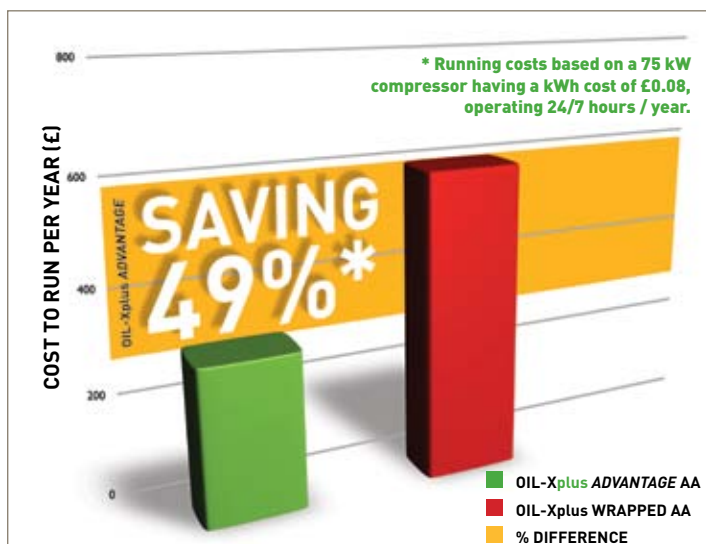
- Lowest total cost of ownership
- Energy savings of 49% over the original OIL-Xplus element
- Lower environmental impact reducing CO₂ emissions
- Guaranteed continuous air quality
- Design to be retrofitted into original OIL-Xplus filter housing
- Replaces standard AO, AA and AO-TS, AA-TS grade elements
- Maximum operating temperature 100°C



Element cross reference list

Replacement element kit	
To fit filter housing code	Filter element code**
(grade) 0006G/0009G	K009 (grade)
(grade) 0013G/0017G	K017 (grade)
(grade) 0025G/0030G	K030 (grade)
(grade) 0040G/0058G	K058 (grade)
(grade) 0065G/0080G	K145 (grade)
(grade) 0085G/0125G	K145 (grade)
(grade) - /0145G	K145 (grade)
(grade) 0170G/0205G	K220 (grade)
(grade) 0195G/0220G	K220 (grade)
(grade) 0295G/0330G	K330 (grade)
(grade) 0375G/0405G	K430 (grade)
(grade) 0400G/0430G	K430 (grade)
(grade) 0500G/0620G	K620 (grade)
(grade) 0900G/1000G	K330 (grade) x 3

Applies to grades AO and AA only
Minimum recommended operating temperature 1.5°C (35°F)
Maximum recommended operating temperature 100°C (212°F)



2. OIL-X EVOLUTION Filter Upgrade Kits

Upgrading your existing OIL-Xplus filter housings with OIL-X EVOLUTION filter housings will provide even greater energy savings plus:

- Filter performance meets or exceeds the requirements for delivered air quality shown in all editions of ISO8573-1, the international standard for compressed air quality
- Fully performance tested in accordance with ISO12500-1 and independently validated by Lloyds Register
- The only filter range to offer a one year air quality guarantee
- 10 years guarantee on filter housings
- World-wide Parker support network



Upgrade Kit numbers Filters include A0 General Purpose, AA High Efficiency and AR Dry Particulate Filters

Dryer Type	Filter Upgrade Kit
MX102C – MX103C	MX BFK102C-103C
MX103 – MX104	MX BFK103-104
MX105	MX BFK105
MX105 – MX108	MX BFK105-108

3. Dewpoint Dependant Switching Energy Management Upgrade kits

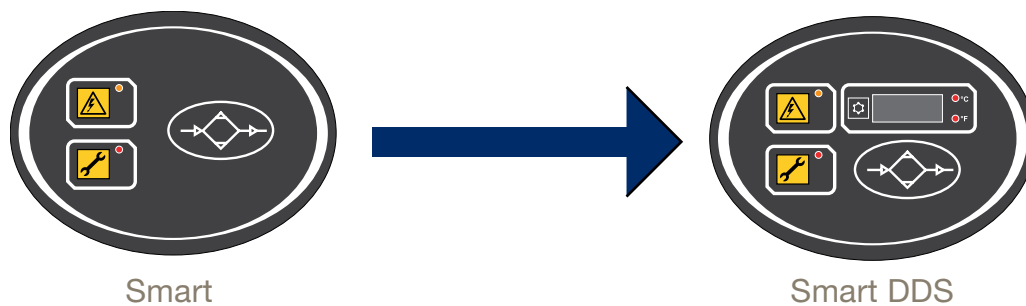
Upgrading your current PNEUDRI MX Smart to a Smart DDS will ensure the energy consumed by the PNEUDRI dryer is directly proportional to actual air flow, temperature and moisture loading, not the dryers rated capacity, thus providing significant energy and environmental savings.

Example energy savings

Air Demand %	Energy Saving %	Energy Saving P/A Kw	Environmental Saving P/A Kg CO ₂
100	33.00	95,040	50,371
90	40.00	115,200	61,056
80	47.00	135,360	71,741
70	53.00	152,640	80,899
60	60.00	172,800	91,584
50	66.00	190,080	100,742

System pressure 6 bar g. Max Temp 35°C. System flow 1700 m³/hr (1000 cfm). Average pressure 6.5 bar g. Average Temp 30°C.

Upgrade Kit part number
MXECOSAVE



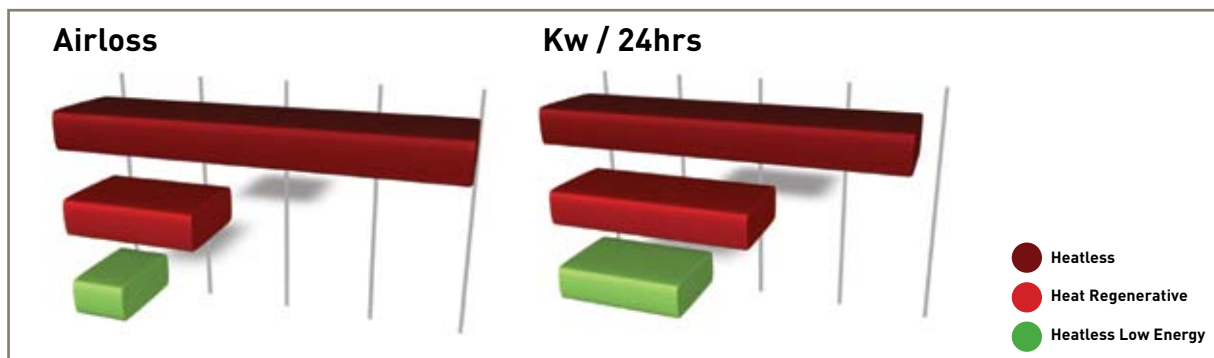
DDS Operation - Energy Saving Cycle (Heatless Dryer example shown)

Time (minutes)	DDS Drying / Regeneration Cycle										
	0	2.5	3	changeover time dictated by outlet dewpoint	changeover	0	2.5	3	changeover time dictated by outlet dewpoint	changeover	
Side A	Regeneration	Re-pressurisation	Energy Saving			Drying					
Side B	Drying					Regeneration	Re-pressurisation	Energy Saving			

4. MXLE *ADVANTAGE* Upgrade Kits

Upgrading your existing MX dryer to the latest specification PNEUDRI MXLE Low Energy variant will provide:

- 17% more air available for use than a comparative heatless MX dryer
- On average, 60% lower energy consumption than a comparative heatless dryer & 39% lower energy consumption than a comparative heat regenerative dryer
- DDS Energy Management System fitted as standard for additional savings
- Heatless fall back mode for extra security



Part Numbers

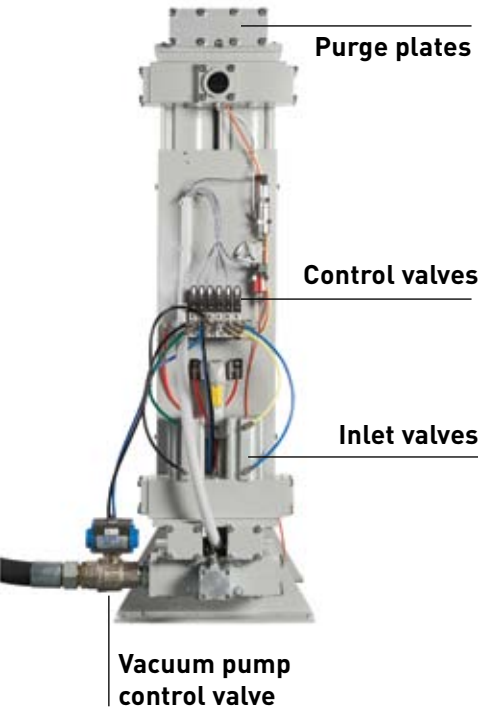
Dryer Part Numbers	Vacuum Pump Part Numbers	Dryer Upgrade kits Part Numbers
MXLE102 C	MXLEP2C	MXLEK2C
MXLE103 C	MXLEP3C	MXLEK3C
MXLE103	MXLEP3	MXLEK3
MXLE104	MXLEP4	MXLEK4
MXLE105	MXLEP5	MXLEK5
MXLE106	MXLEP6	MXLEK6
MXLE107	MXLEP7	MXLEK7
MXLE108	MXLEP8	MXLEK8

Note:
Upgrade kit and vacuum pump ordered separately.

Ordering Example

To upgrade MXS108 to MXLE108
order: MXLEP8 Vacuum Pump
MXLEK8 Upgrade Kit

4. MXLE ADVANTAGE Upgrade Kits

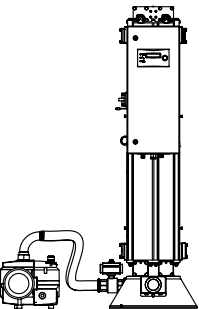


Weights and dimensions

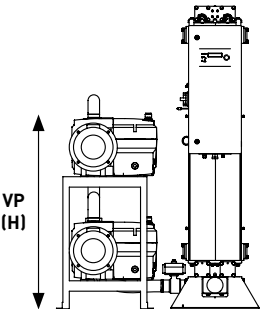
Model	Pipe Size	Dryer Dimensions						Weight	
		Height (H)		Width (W)		Depth (D)			
		mm	ins	mm	ins	mm	ins	kg	lbs
MXLE102c	2"	1647	64.8	793.5	31.5	550	21.7	265	583
MXLE103c	2"	1647	64.8	962.5	37.9	550	21.7	346	761
MXLE103	2"	1892	74.5	962.5	37.9	550	21.7	385	847
MXLE104	2"	1892	74.5	1131.5	44.6	550	21.7	480	1056
MXLE105	2½"	1892	74.5	1300.5	51.2	550	21.7	573	1261
MXLE106	2½"	1892	74.5	1469.5	57.9	550	21.7	667	1467
MXLE107	2½"	1892	74.5	1641.5	64.6	550	21.7	761	1674
MXLE108	2½"	1892	74.5	1807.5	71.2	550	21.7	855	1881

Model	Vacuum Pump Dimensions						Weight	
	Height (H)		Width (W)		Depth (D)			
	mm	ins	mm	ins	mm	ins	kg	lbs
MXLEP2C	355	13.8	900	35.4	531	20.9	129	284
MXLEP3C	355	13.8	900	35.4	531	20.9	129	284
MXLEP3	385	15.2	998	39.3	531	20.9	163	359
MXLEP4	385	15.2	1084	42.7	531	20.9	178	392
MXLEP5	385	15.2	1084	42.7	531	20.9	178	392
MXLEP6	1185	46.7	1128	44.4	585	23	371	816
MXLEP7	1185	46.7	1128	44.4	585	23	386	849
MXLEP8	1185	46.7	1128	44.4	585	23	401	882

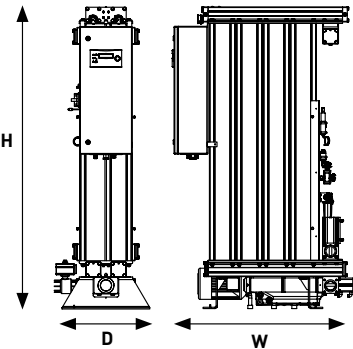
MXLE102c - MXLE105
SINGLE VACUUM PUMP



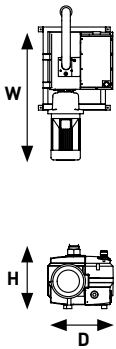
MXLE106 - MXLE108
DUPLEX VACUUM PUMP



DRYER



VACUUM PUMP



Aftermarket

ELEMENTS

Parker filters are designed to produce clean compressed air, gas and liquid to the highest industry standards. To maintain impeccable results, Elements within the filter must be replaced annually.

Choosing the Parker brand means you can be assured that Elements are readily available, affordable and the most energy efficient product of its kind on the market. The elements are also supplied in 100% recyclable packaging. An additional advantage of purchasing Parker Elements is that you will reduce your company's carbon footprint by 190kg. This is the equivalent of a 700 mile flight from Edinburgh to Berlin!

Parker Filter Elements also prove to be highly efficient when used in any leading competitor's filters.

SPECIALISED SERVICES

Parker Specialist Service Engineers test on-site efficiency measuring many variables including airflow, pressure, temperature, dewpoint and power consumption.

Our team of highly trained experts are the best in the industry. They take into account a range of environmental factors that could affect your system's performance. The results from this Specialist Service are extremely accurate and produce invaluable information.

Importantly, Parker informed recommendations lead to significant savings for our customers, which mean they return time and time again for our advice and products.

SUPPORT SERVICES

Parker Support Services are the first port of call for customers in need of help or guidance.

The fact that this team is responsible for the production of User Guides and Manuals gives you an insight into the level and detail of their parts and product knowledge.

Over-the-phone support is just one way in which Parker's extremely knowledgeable team, quickly reduces downtime or resolves product queries.

On some occasions engineers need to be on site to carry out a repair. In these cases, the local engineer will be quickly dispatched to ensure our customers can return to production as soon as possible.

One-to-one training can also be provided by our Support Services team. This has enabled hundreds of Parker distributors to gain an in-depth understanding. Training will also ensure distributors can make timely repairs and easily maintain their customers' products.

PARTS

Parker Kits make everyday maintenance easy. They are available for all of our products and are simply value-for-money. The Parts within the kits support our customers' varied maintenance, repair and overhaul activities.

Additionally, Preventative Maintenance Kits can be purchased for dryers and gas generators. These kits mean our customers dryer's and generator's can be serviced easily to ensure optimum performance.

An extensive range of durable Parker Parts can be obtained within 24 hours to any European, Middle East or African destination.

M.R.O.

Maintenance Repair & Overhaul - Parker Technicians are the industry's finest. Their skills and qualifications are annually approved to keep their product and legislation knowledge fresh and expertise relevant.

With this in mind, Parker offers onsite and on demand servicing to meet customers' unique requirements in a timely and efficient manner.

Parker MRO service ranges from a basic maintenance check covered under product warranty right through to a comprehensive programme, which even puts the onsite application under the microscope.

With customers at the heart of everything Parker does, the MRO service is no exception to this.





Europe, Middle East, Africa

AE – United Arab Emirates, Dubai
Tel: +971 4 8127100
parker.me@parker.com

AT – Austria, Wiener Neustadt
Tel: +43 (0)2622 23501-0
parker.austria@parker.com

AT – Eastern Europe, Wiener Neustadt
Tel: +43 (0)2622 23501 900
parker.easteurope@parker.com

AZ – Azerbaijan, Baku
Tel: +994 50 2233 458
parker.azerbaijan@parker.com

BE/LU – Belgium, Nivelles
Tel: +32 (0)67 280 900
parker.belgium@parker.com

BG – Bulgaria, Sofia
Tel: +359 2 980 1344
parker.bulgaria@parker.com

BY – Belarus, Minsk
Tel: +375 17 209 9399
parker.belarus@parker.com

CH – Switzerland, Etoy
Tel: +41 (0)21 821 87 00
parker.switzerland@parker.com

CZ – Czech Republic, Klecany
Tel: +420 284 083 111
parker.czechrepublic@parker.com

DE – Germany, Kaarst
Tel: +49 (0)2131 4016 0
parker.germany@parker.com

DK – Denmark, Ballerup
Tel: +45 43 56 04 00
parker.denmark@parker.com

ES – Spain, Madrid
Tel: +34 902 330 001
parker.spain@parker.com

FI – Finland, Vantaa
Tel: +358 (0)20 753 2500
parker.finland@parker.com

FR – France, Contamine s/Arve
Tel: +33 (0)4 50 25 80 25
parker.france@parker.com

GR – Greece, Athens
Tel: +30 210 933 6450
parker.greece@parker.com

HU – Hungary, Budaörs
Tel: +36 23 885 470
parker.hungary@parker.com

IE – Ireland, Dublin
Tel: +353 (0)1 466 6370
parker.ireland@parker.com

IT – Italy, Corsico (MI)
Tel: +39 02 45 19 21
parker.italy@parker.com

KZ – Kazakhstan, Almaty
Tel: +7 7273 561 000
parker.easteurope@parker.com

NL – The Netherlands, Oldenzaal
Tel: +31 (0)541 585 000
parker.nl@parker.com

NO – Norway, Asker
Tel: +47 66 75 34 00
parker.norway@parker.com

PL – Poland, Warsaw
Tel: +48 (0)22 573 24 00
parker.poland@parker.com

PT – Portugal, Leca da Palmeira
Tel: +351 22 999 7360
parker.portugal@parker.com

RO – Romania, Bucharest
Tel: +40 21 252 1382
parker.romania@parker.com

RU – Russia, Moscow
Tel: +7 495 645-2156
parker.russia@parker.com

SE – Sweden, Spånga
Tel: +46 (0)8 59 79 50 00
parker.sweden@parker.com

SK – Slovakia, Banská Bystrica
Tel: +421 484 162 252
parker.slovakia@parker.com

SL – Slovenia, Novo Mesto
Tel: +386 7 337 6650
parker.slovenia@parker.com

TR – Turkey, Istanbul
Tel: +90 216 4997081
parker.turkey@parker.com

UA – Ukraine, Kiev
Tel: +380 44 494 2731
parker.ukraine@parker.com

UK – United Kingdom, Warwick
Tel: +44 (0)1926 317 878
parker.uk@parker.com

ZA – South Africa, Kempton Park
Tel: +27 (0)11 961 0700
parker.southafrica@parker.com

Asia Pacific

AU – Australia, Castle Hill
Tel: +61 (0)2-9634 7777

CN – China, Shanghai
Tel: +86 21 2899 5000

HK – Hong Kong
Tel: +852 2428 8008

IN – India, Mumbai
Tel: +91 22 6513 7081-85

JP – Japan, Tokyo
Tel: +81 (0)3 6408 3901

KR – South Korea, Seoul
Tel: +82 2 559 0400

MY – Malaysia, Shah Alam
Tel: +60 3 7849 0800

NZ – New Zealand, Mt Wellington
Tel: +64 9 574 1744

SG – Singapore
Tel: +65 6887 6300

TH – Thailand, Bangkok
Tel: +662 186 7000-99

TW – Taiwan, Taipei
Tel: +886 2 2298 8987

South America

AR – Argentina, Buenos Aires Tel:
+54 3327 44 4129

BR – Brazil, Sao Jose dos Campos
Tel: +55 800 727 5374

CL – Chile, Santiago
Tel: +56 2 623 1216

MX – Mexico, Toluca
Tel: +52 72 2275 4200

European Product Information Centre
Free phone: 00 800 27 27 5374
(from AT, BE, CH, CZ, DE, DK, EE, ES, FI,
FR, IE, IL, IS, IT, LU, MT, NL, NO, PL, PT, RU,
SE, SK, UK, ZA)