



# PNEUDRI MXLE ADVANTAGE

## Low energy heatless dryer

Preventative Maintenance Guide





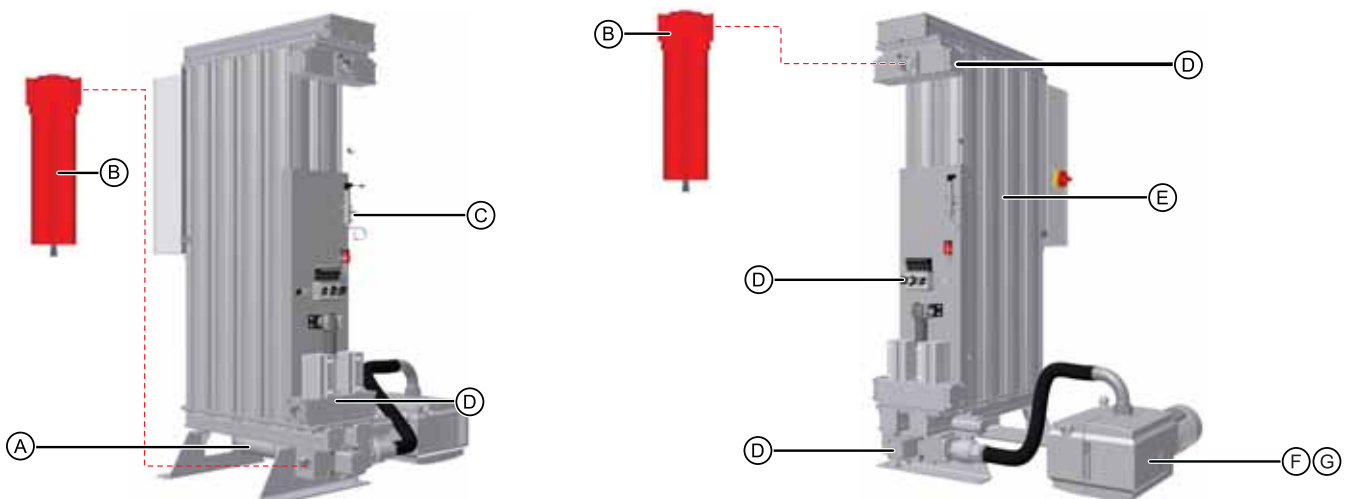
# Servicing

## Service intervals

Description of Service Required		Service recommended every:						
Component	Operation	Day	Week	40 Hours	3 month	6month	12 month	36 month
Dryer	Check POWER ON and STATUS / FAULT indicators.	☞						
Dryer	Check for air leaks.		☞					
Dryer	Check the pressure gauges during purging for excessive back pressure.				☞			
Dryer	Check the condition of electrical supply cables and conduits.				☞			
Dryer	Check for cyclic operation.					☞		
Vacuum Pump	Check the oil level.			☞				
Vacuum Pump	Clean the gas ballast valve silencer.					C		
Vacuum Pump	Clean the coarse separator.							C
Vacuum Pump	Replace the Oil <b>Recommended Service F</b>					🔧		
Dryer	Replace the active exhaust silencers. <b>Recommended Service A</b>						🔧	
Filtration	Replace the inlet, outlet and control air filters, and service drains. <b>Recommended Service B</b>						🔧	
Dryer	Replace / Calibrate dewpoint transmitter <b>Recommended Service C</b>						🔧	
Vacuum Pump	Replace the oil and the oil separation elements <b>Recommended Service G</b>						🔧	
Dryer	Replace the valve seats and seals. <b>Recommended Service D</b>							🔧
Dryer	Replace the Desiccant. <b>Recommended Service E</b>							🔧

**Key:**

☞	Check	C	Clean	🔧	Recommended Service
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## Preventative Maintenance Kits

Catalogue Number	Description	6	12	18	24	30	36	42	48	54	60	Order Qty
608640004	Kit: Oil Change	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	MXLE102C - MXLE105 (x1) MXLE106 - MXLE108 (x2)
608620090	Kit: Silencer Element		✓		✓		✓		✓		✓	MXLE102C - MXLE103 (x1) MXLE104 - MXLE106 (x2) MXLE107 - MXLE108 (x3)
608203580	Kit: Service Exchange Hygrometer		✓		✓		✓		✓		✓	MXLE102C - MXLE108 (x1)
608640008	Kit: Separation Elements		✓		✓		✓		✓		✓	MXLE102C - MXLE105 (x1) MXLE106 - MXLE108 (x2)
608640001	Kit: Valve Overhaul						✓					MXLE102C - MXLE108 (x1)
608203661	Kit: Desiccant AA						✓					Refer to Desiccant Quantity table below
608203662	Kit: Desiccant MS						✓					Refer to Desiccant Quantity table below
608203663	Kit: Desiccant WS						✓					Refer to Desiccant Quantity table below
608620098	Kit: Column Seals MX						✓					MXLE102C - MXLE108 (x1)

### Desiccant Quantities

Description	MX102c			MX103c			MX103			MX104			MX105			MX106			MX107			MX108		
	-20	-40	-70	-20	-40	-70	-20	-40	-70	-20	-40	-70	-20	-40	-70	-20	-40	-70	-20	-40	-70	-20	-40	-70
Kit: Desiccant AA (11.2 Ltr)	9	8		13	12		16	14		21	19		26	24		31	28		36	33		41	37	
Kit: Desiccant MS (11.2 Ltr)		1	7		2	11		2	13		3	17		3	21		4	25		4	29		6	33
Kit: Desiccant WS (11.2 Ltr)			2			3			4			5			6			7			8			9

Ensure that the dryer is filled using a Snowstorm filler and replace the column seals

### Recommended every 12 months



Current Parker domnick hunter Filter Service Kits to be supplied as standard. Please check the filter housing model numbers for correct element suitability.

## Kit Contents



Catalogue No.	Description	Contents
608640004	Kit: Oil Change (Every 6 Months)	7 Litres of oil



Catalogue No.	Description	Contents
608620090	Kit: Silencer Element (Every 12 Months)	Silencer element



Catalogue No.	Description	Contents
608203580	Kit: Service Exchange Hygrometer (Every 12 Months)	Service Exchange transmitter
		Fixed orifice
		o-ring

*Note. One kit required for each dryer bank with dewpoint transmitter.*



Catalogue No.	Description	Contents
608640008	Kit: Separation Elements (Every 12 Months)	Separation elements (x2)



Catalogue No.	Description	Contents
608640001	Kit: Valve Overhaul (Every 36 Months)	Inlet Valve Kit (Catalogue No.608640003)
		Outlet Valve Kit (Catalogue No.608620094)
		Exhaust Valve Kit (Catalogue No.608620095)
		Control Valve Kit (Catalogue No.608640002)
		Repressurisation Valve Kit (Catalogue No. 608620097)

*Note. One overhaul kit is required for each dryer bank.*



Catalogue No.	Description	Contents
608640003	Kit: Inlet Valve (Every 36 Months)	Cylinder valves
		Associated o-rings
		Fixing screws



Catalogue No.	Description	Contents
608620094	Kit: Outlet Valve (Every 36 Months)	Valve spring assemblies Associated o-rings Fixing nuts and bolts



Catalogue No.	Description	Contents
608620095	Kit: Exhaust Valve (Every 36 Months)	Cylinder valve Elbow fittings Associated o-rings Fixing screws



Catalogue No.	Description	Contents
608640002	Kit: Control Valve (Every 36 Months)	5-Bank valve 010AA filter element E009AA filter element Fixing screws



Catalogue No.	Description	Contents
608620097	Kit: Repressurisation Valve (Every 36 Months)	Cylinder valve Associated o-rings Fixing screws



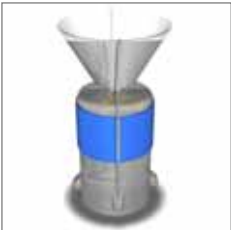
Catalogue No.	Description	Contents
608203661	Kit: Desiccant AA	11 Litre Container of AA
608203662	Kit: Desiccant MS	11 Litre Container of MS
608203663	Kit: Desiccant WS	11 Litre Container of WS

**Note.** The quantity of desiccant material required is dependent upon the model of dryer and the specified dewpoint as illustrated below. Ensure that the dryer is filled using a Snowstorm filler and replace the column seals.



Catalogue Number	Description	Contents
608620098	Kit: Column Seals MX	Column o-rings Outlet plate o-ring

**Note.** One kit is required for each dryer.



Catalogue Number	Description	Contents
608201051	Snowstorm Filler	Jumbo Snowstorm Filler



## 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.

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





# Parker Worldwide

**AE – UAE, Dubai**

Tel: +971 4 8127100  
parker.me@parker.com

**AR – Argentina, Buenos Aires**

Tel: +54 3327 44 4129

**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

**AU – Australia, Castle Hill**

Tel: +61 (0)2-9634 7777

**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

**BR – Brazil, Cachoeirinha RS**

Tel: +55 51 3470 9144

**BY – Belarus, Minsk**

Tel: +375 17 209 9399  
parker.belarus@parker.com

**CA – Canada, Milton, Ontario**

Tel: +1 905 693 3000

**CH – Switzerland, Etoy**

Tel: +41 (0)21 821 87 00  
parker.switzerland@parker.com

**CL – Chile, Santiago**

Tel: +56 2 623 1216

**CN – China, Shanghai**

Tel: +86 21 2899 5000

**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

**HK – Hong Kong**

Tel: +852 2428 8008

**HU – Hungary, Budapest**

Tel: +36 1 220 4155  
parker.hungary@parker.com

**IE – Ireland, Dublin**

Tel: +353 (0)1 466 6370  
parker.ireland@parker.com

**IN – India, Mumbai**

Tel: +91 22 6513 7081-85

**IT – Italy, Corsico (MI)**

Tel: +39 02 45 19 21  
parker.italy@parker.com

**JP – Japan, Tokyo**

Tel: +81 (0)3 6408 3901

**KR – South Korea, Seoul**

Tel: +82 2 559 0400

**KZ – Kazakhstan, Almaty**

Tel: +7 7272 505 800  
parker.easteurope@parker.com

**LV – Latvia, Riga**

Tel: +371 6 745 2601  
parker.latvia@parker.com

**MX – Mexico, Apodaca**

Tel: +52 81 8156 6000

**MY – Malaysia, Shah Alam**

Tel: +60 3 7849 0800

**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

**NZ – New Zealand, Mt Wellington**

Tel: +64 9 574 1744

**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

**SG – Singapore**

Tel: +65 6887 6300

**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

**TH – Thailand, Bangkok**

Tel: +662 717 8140

**TR – Turkey, Istanbul**

Tel: +90 216 4997081  
parker.turkey@parker.com

**TW – Taiwan, Taipei**

Tel: +886 2 2298 8987

**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

**US – USA, Cleveland**

Tel: +1 216 896 3000

**VE – Venezuela, Caracas**

Tel: +58 212 238 5422

**ZA – South Africa, Kempton Park**

Tel: +27 (0)11 961 0700  
parker.southafrica@parker.com

**European Product Information Centre**

Free phone: 00 800 27 27 5374

(from AT, BE, CH, CZ, DE, EE, ES, FI, FR, IE, IL, IS, IT, LU, MT, NL, NO, PT, SE, SK, UK)

**Parker Hannifin Manufacturing Limited**

domnick hunter Filtration and Separation Division  
Dukesway, Team Valley Trading Est

Gateshead, Tyne and Wear

England NE11 0PZ

Tel: +44 (0) 191 402 9000

Fax: +44 (0) 191 482 6296

www.parker.com/dhfn