


## **PNEUDRI Heatless Dryer Mini DM002 - DM006**

Preventative Maintenance Guide

 Original Language

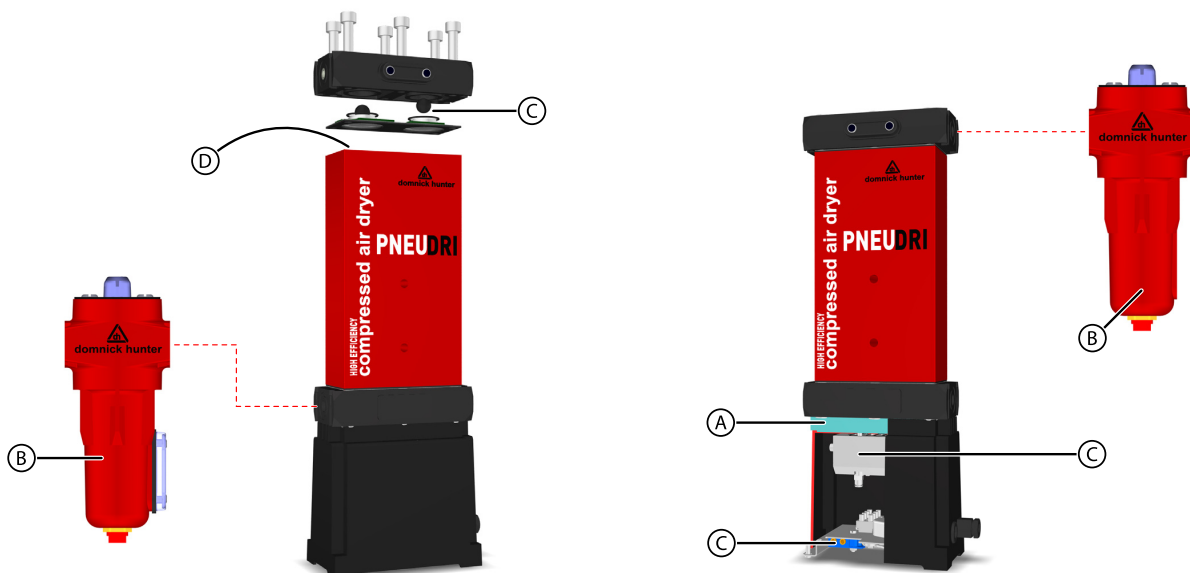


## Service intervals

Description of Service Required		Service recommended every:					
Component	Operation	Day	Week	3-month	6-month	12-month	36-month
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.				☞		
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 the valve seats and seals. <b>Recommended Service C</b>						🔧
Dryer	Replace the Desiccant. <b>Recommended Service D</b>						🔧

**Key:**

☞	Check	🔧	Replace
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## Preventative Maintenance Kits

### Recommended Service A - Required every 12 months

The Silencer is contained within the Inlet Control Valve Kit (Catalogue No. 608240008).

### Recommended Service B - Required every 12 months

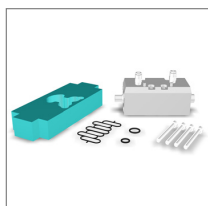


Current Parker domnick hunter Filter Service Kits to be supplied as standard. Please check the filter housing model numbers for correct element suitability.

### Recommended Service C - Required every 36 months

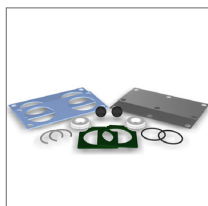
Description	Catalogue Number	Technical Reference	Contents
Kit: Valve Overhaul Kit Mini DMO	608240010	608240010	Inlet / Exhaust Control Valve Kit (Catalogue No.608240008)
			Outlet Valve Kit (Catalogue No.608240009)
			Pilot Valve Kit (Catalogue No.608240007)

#### Inlet / Exhaust Control Valve Kit



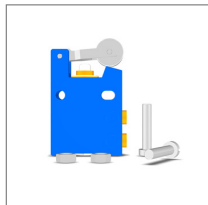
Description	Catalogue Number	Technical Reference	Contents
Kit: Inlet / Exhaust Control Valve	608240008	608240008	5/2 Control Valve Associated seals Fixing screws Silencer pad

#### Outlet Valve Kit



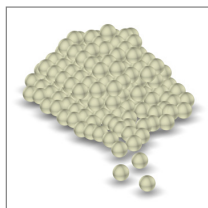
Description	Catalogue Number	Technical Reference	Contents
Kit: Outlet Valve	608240009	608240009	Valve balls Valve seats Circlips Mesh screen Outlet head inserts Associated gasket and seals

#### Pilot Valve Kit



Description	Catalogue Number	Technical Reference	Contents
Kit: Pilot Valve	608240007	608240007	Pilot Valve Fixing screws

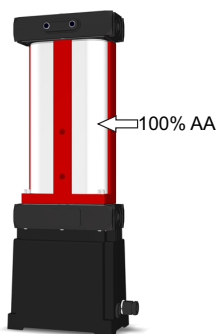
**Recommended Service D - Required every 36 months**



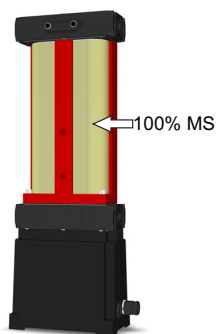
Description	Catalogue Number	Technical Reference	Contents
Kit: Desiccant AA	608203661	608203661	11 Litre Container of AA
Kit: Desiccant MS	608203662	608203662	11 Litre Container of MS

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

**Desiccant Quantities**



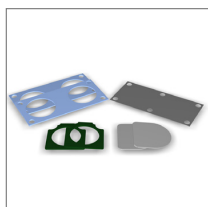
-40°C PDP



-70°C PDP

Description	DMO02		DMO03		DMO06	
	-40	-70	-40	-70	-40	-70
Kit: Desiccant AA (11.2 Ltr)	1		1		1	
Kit: Desiccant MX 13X (11.2 Ltr)		1		1		1

**Column Seal Kits Snowstorm Filler**



Description	Catalogue Number	Technical Reference	Contents
Kit: Column Seals Mini	608240005	608240005	Moulded gaskets Support screens Column pads Outlet head inserts

Note. One kit is required for each dryer.



Description	Catalogue Number	Technical Reference	Contents
Snowstorm Filler	608200623	608200623	Mini 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



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