



# PNEUDRI Heatless Dryer

## Midi DM012 - DM080

Preventative Maintenance Guide





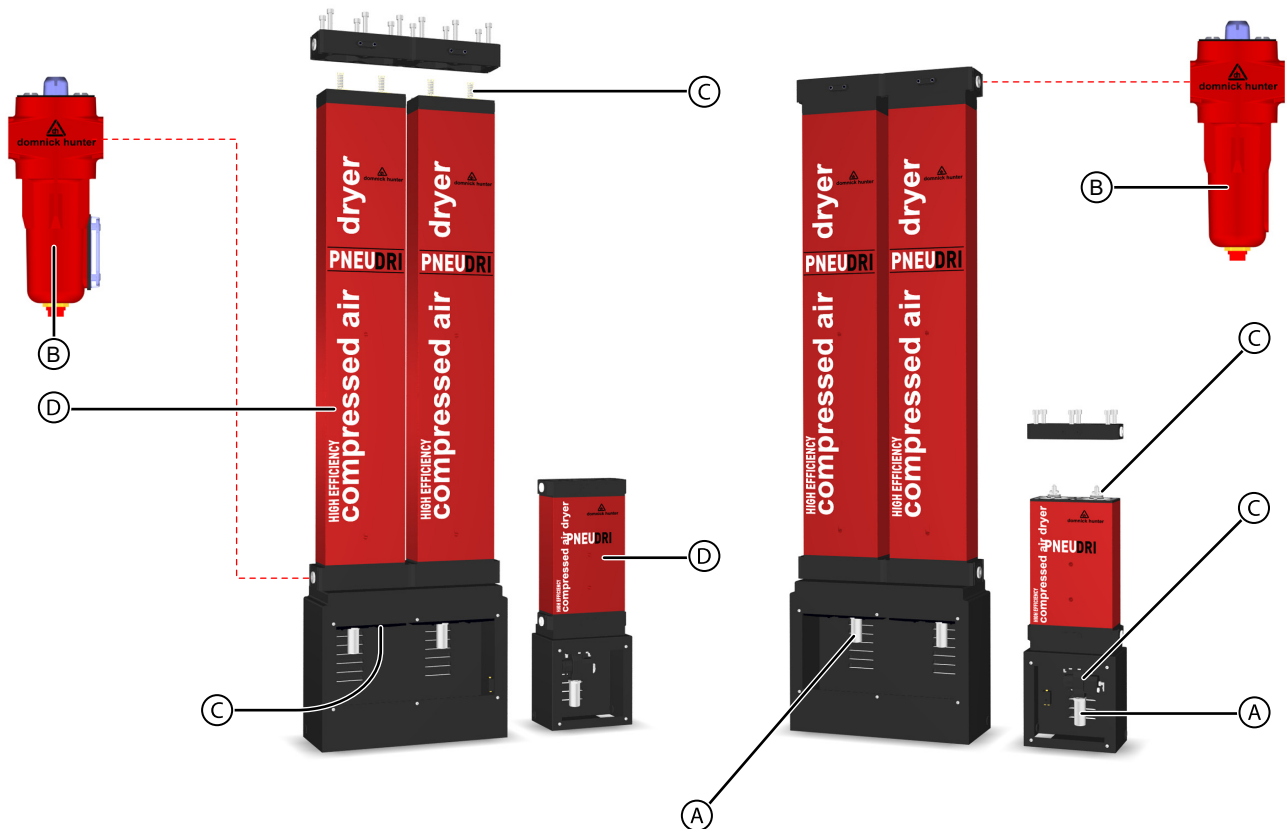
# Service intervals

Description of Service Required		Service recommended every: <sup>(1)</sup>						
Component	Operation	Day	Week	2000 Hours (3-month)	4000 Hours (6-month)	8000 Hours (12-month)	16000 Hours (24-month)	20000 Hours (30-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>							🔧

(1) The service operations should be performed at the hours run or fixed time intervals specified (whichever occurs first)

### Key:

👁️	Check	🔧	Replace
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# Preventative Maintenance Kits

## Recommended Service A - Required every 8000 Hours (12 months)



Description	Catalogue Number	Technical Reference	Contents
Kit: Exhaust Silencer DM 012 - 040	608233670	608233670	1/2" Silencer
Kit: Exhaust Silencer DM 050 - 080	608330001	608330001	1/2" Silencers

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

## Recommended Service B - Required every 8000 Hours (12 months)



Current Parker donnick 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 16000 Hours (24 months)

Description	Catalogue Number	Technical Reference	Contents
Kit: Valve Overhaul Midi DM012 - 025	608233690	608233690	Inlet Valve Kit (Catalogue No.608233671)
			Outlet Valve Kit (Catalogue No.608233674)
			Exhaust Valve Kit (Catalogue No.608233677)
			Control Valve Kit (Catalogue No.608233680)
Kit: Valve Overhaul Midi DM030 - 040	608233691	608233691	Inlet Valve Kit (Catalogue No.608233672)
			Outlet Valve Kit (Catalogue No.608233675)
			Exhaust Valve Kit (Catalogue No.608233677)
			Control Valve Kit (Catalogue No.608233680)
Kit: Valve Overhaul midi DM050 - 080	608233692	608233692	Inlet Valve Kit (Catalogue No.608233673)
			Outlet Valve Kit (Catalogue No.608233676)
			Exhaust Valve Kit (Catalogue No.608233679)
			Control Valve Kit (Catalogue No.608233680)

### Inlet Valve Kit

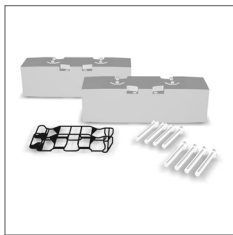


Description	Catalogue Number	Technical Reference	Contents
Kit: Inlet Valve DM012 - 025	608233671	608233671	ISO 2 Control Valve Fixing screws



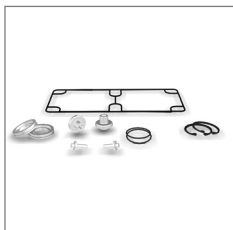
Description	Catalogue Number	Technical Reference	Contents
Kit: Inlet Valve DM030 - 040	608233672	608233672	5 Port spool valve Gasket Fixing screws

**Inlet Valve Kit continued...**

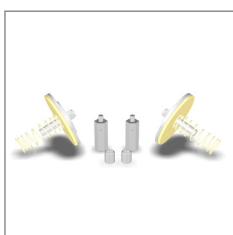


Description	Catalogue Number	Technical Reference	Contents
Kit: Inlet Valve DM050 - 080	608233673	608233673	5 Port spool valves Gaskets Fixing screws

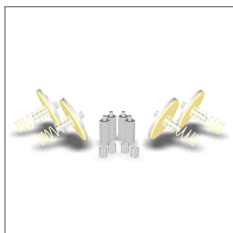
**Outlet Valve Kit**



Description	Catalogue Number	Technical Reference	Contents
Kit: Outlet Valve DM012 - 025	608233674	608233674	Check valves Valve seats and guides Circlips Associated seals



Description	Catalogue Number	Technical Reference	Contents
Kit: Outlet Valve DM030 - 040	608233675	608233675	Valve assemblies Valve Guides and stems Springs



Description	Catalogue Number	Technical Reference	Contents
Kit: Outlet Valve DM050 - 080	608233676	608233676	Valve assemblies Valve Guides and stems Springs

**Exhaust Valve Kit**

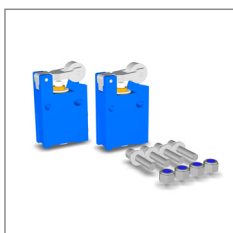


Description	Catalogue Number	Technical Reference	Contents
Kit: Exhaust Valve DM012 - 040	608233677	608233677	2/2 Isolator valve Exhaust barrel nipple 90° elbow 1/8" - 4mm swivel elbow



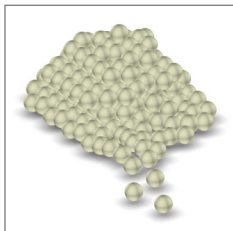
Description	Catalogue Number	Technical Reference	Contents
Kit: Exhaust Valve DM050 - 080	608233679	608233679	2/2 Isolator valves Exhaust barrel nipples 90° elbows 1/8" - 4mm swivel elbows

**Control Valve Kit**



Description	Catalogue Number	Technical Reference	Contents
Kit: Control Valve DM012 - 080	608233680	608233680	Pilot Valves Fixing screws

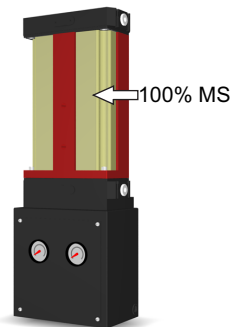
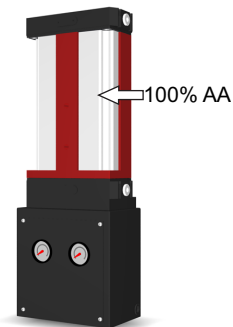
**Recommended Service D - Required every 20000 Hours (30 months)**



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

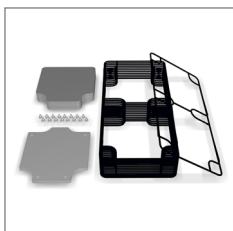
*Note. The quantity of desiccant material required is dependent upon the model of dryer and the specified dewpoint as illustrated below. Ensure that the dryer is filled using a Snowstorm filler and replace the column seals.*

**Desiccant Quantities**



Description	DM012		DM15		DM20		DM025		DM030		DM040		DM050		DM060		DM080	
	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70
Kit: Desiccant AA (11.2 Ltr)	1		1		2		2		2		2		3		4		5	
Kit: Desiccant MX 13X (11.2 Ltr)		1		1		2		2		2		2		3		4		5

**Column Seal Kits**



Description	Catalogue Number	Technical Reference	Contents
Kit: Column Seals MIDI	608203733	608203733	Moulded gaskets Support screens Column pads Fixing screws

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

**Snowstorm Filler**



Description	Catalogue Number	Technical Reference	Contents
Snowstorm Filler	608200622	608200622	Maxi / Midi Snowstorm Filler

# Aftermarket

## Compressed air equipment users demand much more than the supply of high quality products in order to maintain a competitive edge.

Modern production technology is increasingly demanding the provision of a higher purity and more reliable compressed air supply. Products and solutions that are manufactured by Parker domnick hunter are designed to provide air quality that meets with and often exceeds international standards.

As well as the requirement for air purity and reliability, there are additional factors to consider when choosing the right service provider for your compressed air and gas purification system. For example, knowledge of the many regulations regarding the management of industrial waste, energy efficiency improvement programs and consideration of any environmental impact. It is anticipated that future legislations will demand further in-depth technical and knowledge-based support from service providers.

Our commitment to industry does not stop with the supply of high quality products. We are also committed to ensuring that our equipment provides high performance by providing a trouble-free service from a bespoke maintenance and verification package – all tailored to your own specific requirements.

We offer a wide range of valuable services that will impact positively on your drive towards improved production efficiency and product quality with reduced production rejections and operational costs.

From initial selection to installation, commissioning, preventative maintenance and specialised services, Parker domnick hunter is redefining customer service.



Filter Elements and Consumable Parts	Maintenance, Repair and Overhaul	Customer Support	Specialised Services
Genuine Replacement filter elements Preventative Maintenance Kits Repair Kits Installation Kits Upgrade Kits	Installation and Commissioning Maintenance and Repair Updates and Upgrades Service Contracts Parts Service Warranty	Business Development Technical Support Group Training Technical Publications	Air Quality Testing Dewpoint Measurement Leak Detection Particle Counting Micro-biological Testing



Servicereminder.com is a web based reminder service designed to track when service work is due to be carried out. This enables you to contact our customers at the optimum time to sell replacement filter elements and other service kits. It is free to register simply log on to [www.servicereminder.com](http://www.servicereminder.com) and select New User Registration.

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