

PNEUDRI Heatless Dryer

Midi DME012 - DME080

Preventative Maintenance Guide



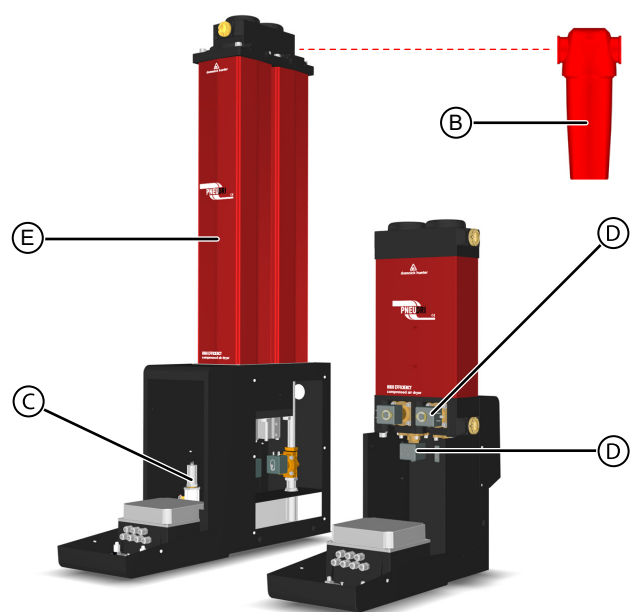
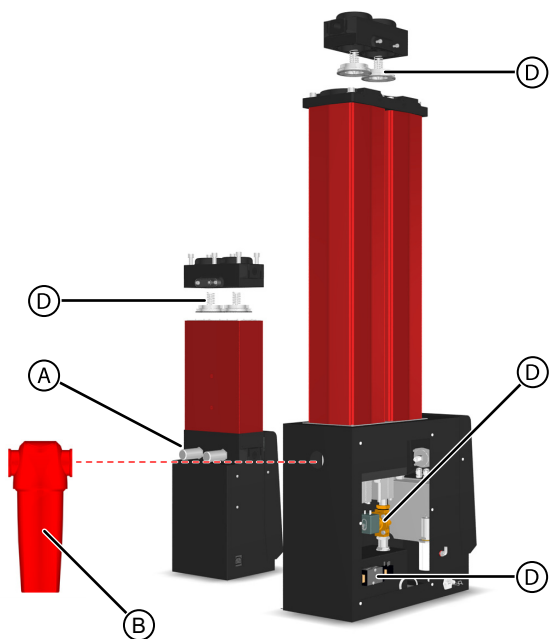
Service intervals

Description of Service Required		Service recommended every: ⁽¹⁾						
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 POWER ON indicator is illuminated.	☞						
Dryer	Check STATUS / FAULT indicators located on the controller.	☞						
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 Recommended Service A					🔧		
Filtration	Replace the inlet, outlet and control air filters, and service drains. Recommended Service B					🔧		
Dryer	Replace / Calibrate dewpoint transmitter (DDS Units only). Recommended Service C					🔧		
Dryer	Replace the valve seats and seals. Recommended Service D						🔧	
Dryer	Replace the Desiccant. Recommended Service E							🔧

(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 DME 012 - 080	608330001	608330001	1/2" Silencers

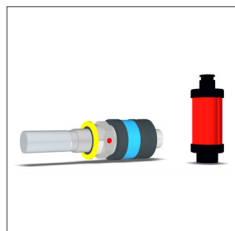
Note. One kit is required for each dryer.

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



Current Parker 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 8000 Hours (12 months)



Description	Catalogue Number	Technical Reference	Contents
Kit: Hygrometer Sensor & Element (Serial Number up to 46437)	608203582	608203582	Sensor Feed element

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



Description	Catalogue Number	Technical Reference	Contents
Kit: Hygrometer Element & Block (Serial Number from 46438 up to 50965)	608203581	608203581	Hygrometer transmitter Transmitter housing Fixed orifice PTFE tubing O-ring Associated fittings Fixings

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



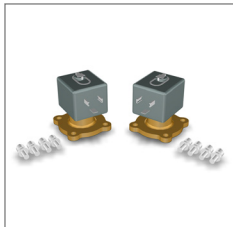
Description	Catalogue Number	Technical Reference	Contents
Kit: Hygrometer Element Assembly (Serial Number from 56966 onwards)	608203580	608203580	Hygrometer transmitter Fixed orifice o-ring

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

Recommended Service D - Required every 16000 Hours (24 months)

Description	Catalogue Number	Technical Reference	Contents
Kit: Valve Overhaul DME 012 - 040	608330006	608330006	Inlet Valve Kit (Catalogue No.608330002)
			Outlet Valve Kit (Catalogue No.608330003)
			Exhaust Valve Kit (Catalogue No.608330002)
			Control Valve Kit (Catalogue No.608203977)
Kit: Valve Overhaul DME 050 - 080	608330007	608330007	Inlet Valve Kit (Catalogue No.608330004)
			Outlet Valve Kit (Catalogue No.608330003)
			Exhaust Valve Kit (Catalogue No.608330005)
			Control Valve Kit (Catalogue No.608203977)

Inlet Valve Kit



Description	Catalogue Number	Technical Reference	Contents
Kit: Inlet Valve DME 012 - 040	608330002	608330002	N/C Solenoid valves Fixing screws



Description	Catalogue Number	Technical Reference	Contents
Kit: Inlet Valve DME 050 - 080	608330004	608330004	Cylinder valves Associated seals Fixing screws

Outlet Valve Kit

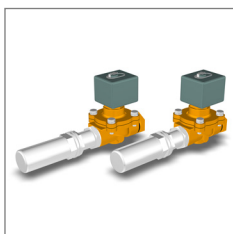


Description	Catalogue Number	Technical Reference	Contents
Kit: Outlet Valve DME 012 - 080	608330003	608330003	Check valves Valve seats and guides Circlips Associated seals

Exhaust Valve Kit

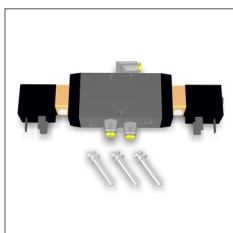


Description	Catalogue Number	Technical Reference	Contents
Kit: Exhaust Valve DME 012 - 040	608330002	608330002	N/C Solenoid valves Fixing screws



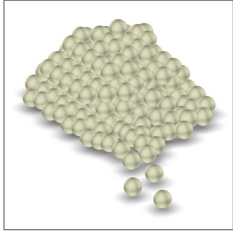
Description	Catalogue Number	Technical Reference	Contents
Kit: Exhaust Valve DME 050 - 080	608330005	608330005	Exhaust valve assemblies

Control Valve Kit



Description	Catalogue Number	Technical Reference	Contents
Kit: Control Valve DME 050 - 080	608203977	608203977	24V solenoid valve Fixing screws

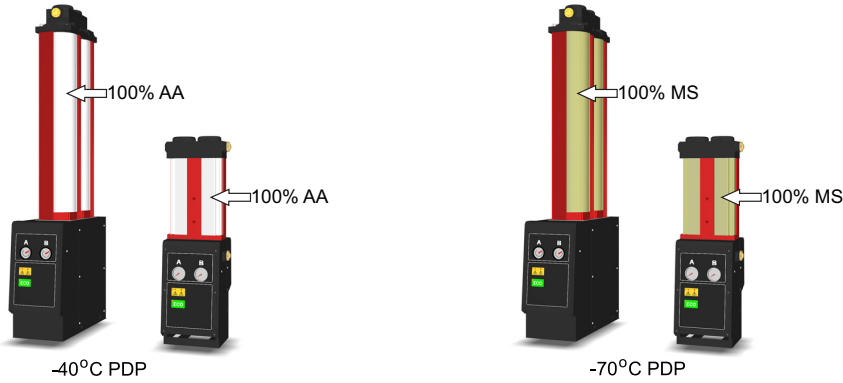
Recommended Service E - Required every 20000 Hours (30 months)



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

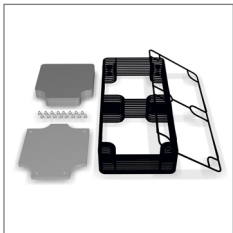
Note. The quantity of desiccant material required is dependent upon the model of dryer and the specified dewpoint as illustrated below. Ensure that the dryer is filled using a Snowstorm filler and replace the column seals.

Desiccant Quantities



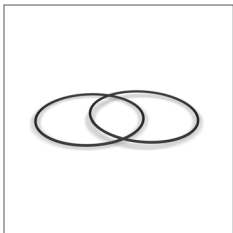
Description	DME012		DME015		DME020		DME025		DME030		DME040		DME050		DME060		DME080	
	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70
Kit: Desiccant AA (11.2 Ltr)	1		1		2		2		2		2		3		4		5	
Kit: Desiccant MX 13X (11.2 Ltr)		1		1		2		2		2		2		3		4		5

Column Seal Kits



Description	Catalogue Number	Technical Reference	Contents
Kit: Column Seals MIDI (DME 012 - DME040)	608203733	608203733	Moulded gaskets Support screens Column pads Fixing screws

Note. One kit is required for each dryer.

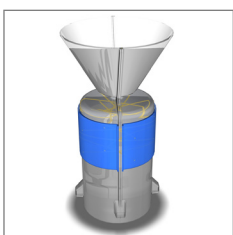


Description	Catalogue Number	Technical Reference	Contents
Kit: Column Seals MIDI (DME 050 - DME080)	608330010	608330010	Column o-rings

Snowstorm Filler



Description	Catalogue Number	Technical Reference	Contents
Snowstorm Filler DME 012 - 040	608200622	608200622	Maxi / Midi Snowstorm Filler



Description	Catalogue Number	Technical Reference	Contents
Snowstorm Filler DME 050 - 080	608201051	608201051	Jumbo 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
<ul style="list-style-type: none"> Genuine Replacement filter elements Preventative Maintenance Kits Repair Kits Installation Kits Upgrade Kits 	<ul style="list-style-type: none"> Installation and Commissioning Maintenance and Repair Updates and Upgrades Service Contracts Parts Service Warranty 	<ul style="list-style-type: none"> Business Development Technical Support Group Training Technical Publications 	<ul style="list-style-type: none"> 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 and select New User Registration.

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