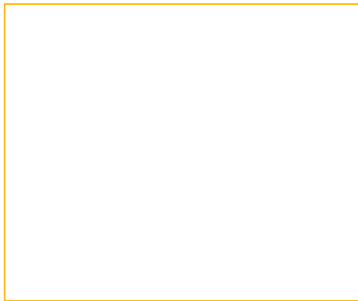




Preventative Maintenance Guide

Rev. 003 NA 07/2013

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electromechanical
filtration
fluid & gas handling
hydraulics
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*If unit is more than 2 years old, please verify part numbers with customer service prior to ordering.

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ecodry Heatless Dryer

Models ZME012 - ZME080

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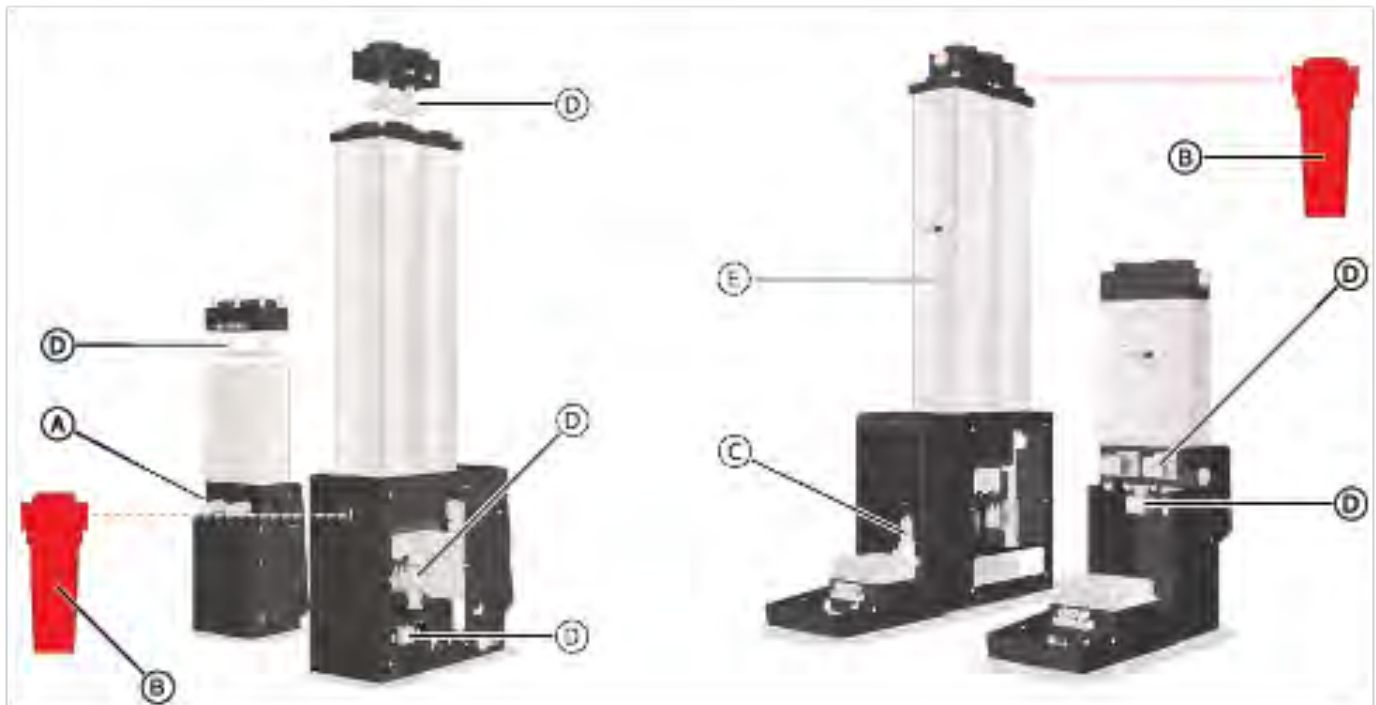
Service Intervals

Description of Service Recommended								
Component	Operation	Day	Week	3 Months	6 Months	1 Year	2 Years	2.5 Years
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 - Recommended every Year



Description	ZME012 - ZME080	Contents
Kit: Exhaust Silencer ZME 012 - 080	608330001	1/2" Silencers

Note: One kit is required for each dryer.

Recommended Service B - Recommended every Year



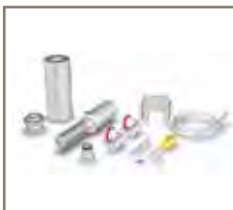
Current Parker domnick hunter Filter Service Kits to be supplied as standard. Please check the filter housing model numbers for correct element suitability.

Recommended Service C - Recommended every Year



Description	ZME012 - ZME080	Contents
Kit: Hygrometer Sensor & Element Serial Number up to 46437	608203582	Sensor, Feed element

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



Description	ZME012 - ZME080	Contents
Kit: Hygrometer Element & Block Serial Number from 46438 up to 50965	608203581	Hygrometer transmitter, Transmitter housing, Fixed orifice, PTFE tubing, O-ring, Associated fittings, Fixings

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



Description	ZME012 - ZME080	Contents
Kit: Hygrometer Element Assembly Serial Number from 56966 onwards	608203580	Hygrometer transmitter, Fixed orifice, O-ring

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

Recommended Service D - Recommended every 2 Years

Description	ZME012 - ZME080	Contents
Kit: Valve Overhaul ZME 012 - 040	60-833-0006	Inlet Valve Kit (608330002), Outlet Valve Kit (608330003), Exhaust Valve Kit (608330002), Control Valve Kit (608203977)
Kit: Valve Overhaul ZME 050 - 080	60-833-0007	Inlet Valve Kit (608330004), Outlet Valve Kit (608330003), Exhaust Valve Kit (608330005), Control Valve Kit (608203977)



Description	ZME012 - ZME040	Contents
Kit: Inlet Valve	608330002	N/C solenoid valves, Fixing screws



Description	ZME050 - ZME080	Contents
Kit: Inlet Valve	608330004	Cylinder valves, Associated seals, Fixing screws



Description	ZME012 - ZME080	Contents
Kit: Outlet Valve	608330003	Check valves, Valve seats and guides, Circlips, Associated seals



Description	ZME012 - ZME040	Contents
Kit: Exhaust Valve	608330002	N/C solenoid valves, Fixing screws



Description	ZME050 - ZME080	Contents
Kit: Exhaust Valve	608330005	Exhaust valve assemblies



Description	ZME050 - ZME080	Contents
Kit: Control Valve	608203977	24V solenoid valve, Fixing screws

Recommended Service E - Recommended every 2.5 Years



Description	ZME012 - ZME080	Contents
Kit: Desiccant AA	60-820-3661	3 Gallon Container of AA
Kit: Desiccant MS	60-820-3662	3 Gallon Container of MS

Note: The quantity of desiccant material recommended 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



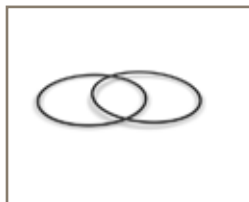
Description	ZME012		ZME015		ZME020		ZME025		ZME030		ZME040		ZME050		ZME060		ZME080	
	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70	-40	-70
Kit: Desiccant AA (2.96 gal)	1		1		2		2		2		2		3		4		5	
Kit: Desiccant ZMX 13X (2.96 gal)		1		1		2		2		2		2		3		4		5

Column Seal Kits



Description	ZME012 - ZME040	Contents
Kit: Column Seals MIDI	608203733	Moulded gaskets, Support screens, Column pads, Fixing screws

Note: One kit is required for each dryer.



Description	ZME050 - ZME080	Contents
Kit: Column Seals MIDI	608330010	Column o-rings



Description	ZME012 - ZME040	Contents
Snowstorm Filler	608200622	Maxi / Midi Snowstorm Filler



Description	ZME050 - ZME080	Contents
Snowstorm Filler	608201051	Jumbo Snowstorm Filler

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Compressed Air TreacSent Filtration & Separation/Balston

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805 604 3400
www.parker.com/processfiltration

Europe

Compressed Air TreacSent domnick hunter Filtration & Separation

Gateshead, England
+44 (0) 191 402 9000
www.parker.com/dhfns

Parker Gas Separations

Etten-Leur, Netherlands
+31 76 508 5300
www.parker.com/dhfns

Hiross Zander

Padova Business Unit
Padova, Italy
+39 049 9712 111
www.parker.com/hzd

Hiross Zander

Essen Business Unit
Essen, Germany
+49 2054 9340
www.parker.com/hzd

Engine Filtration & Water Purification

Racor
Dewsbury, England
+44 (0) 1924 487 000
www.parker.com/rfde

Racor Research & Development

Stuttgart, Germany
+49 (0)711 7071 290-10
www.parker.com/rfde

Hydraulic Filtration

Hydraulic Filter
Arnhem, Holland
+31 26 3760376
www.parker.com/hfde

Urjala Operation

Urjala, Finland
+358 20 753 2500
www.parker.com/hfde

Condition Monitoring Center

Norfolk, England
+44 1842 763 299
www.parker.com/hfde

Process Filtration

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Birtley, England
+44 (0) 191 410 5121
www.parker.com/processfiltration

Asia Pacific

Australia

Castle Hill, Australia
+61 2 9634 7777
www.parker.com/australia

China

Shanghai, China
+86 21 5031 2525
www.parker.com/china

India

Navi Mumbai, India
+91 22 651 370 8185
www.parker.com/india

Japan

Tokyo, Japan
+81 45 870 1522
www.parker.com/japan

Korea

Hwaseon-City
+82 31 359 0852
www.parker.com/korea

Singapore

Jurong Town, Singapore
+65 6887 6300
www.parker.com/singapore

Thailand

Bangkok, Thailand
+66 2 186 7000
www.parker.com/thailand

Latin America

Parker Comercio Ltda. Filtration Division

Sao Paulo, Brazil
+55 12 4009 3500
www.parker.com/br

Pan American Division

Miami, FL
305 470 8800
www.parker.com/panam

Africa

Aeroporto Kempton Park, South Africa
+27 11 9610700
www.parker.com/africa





ecodry Heatless Dryer

Models ZMX102 - ZMX408

Preventative Maintenance Guide

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*If unit is more than 2 years old, please verify part numbers with customer service prior to ordering.

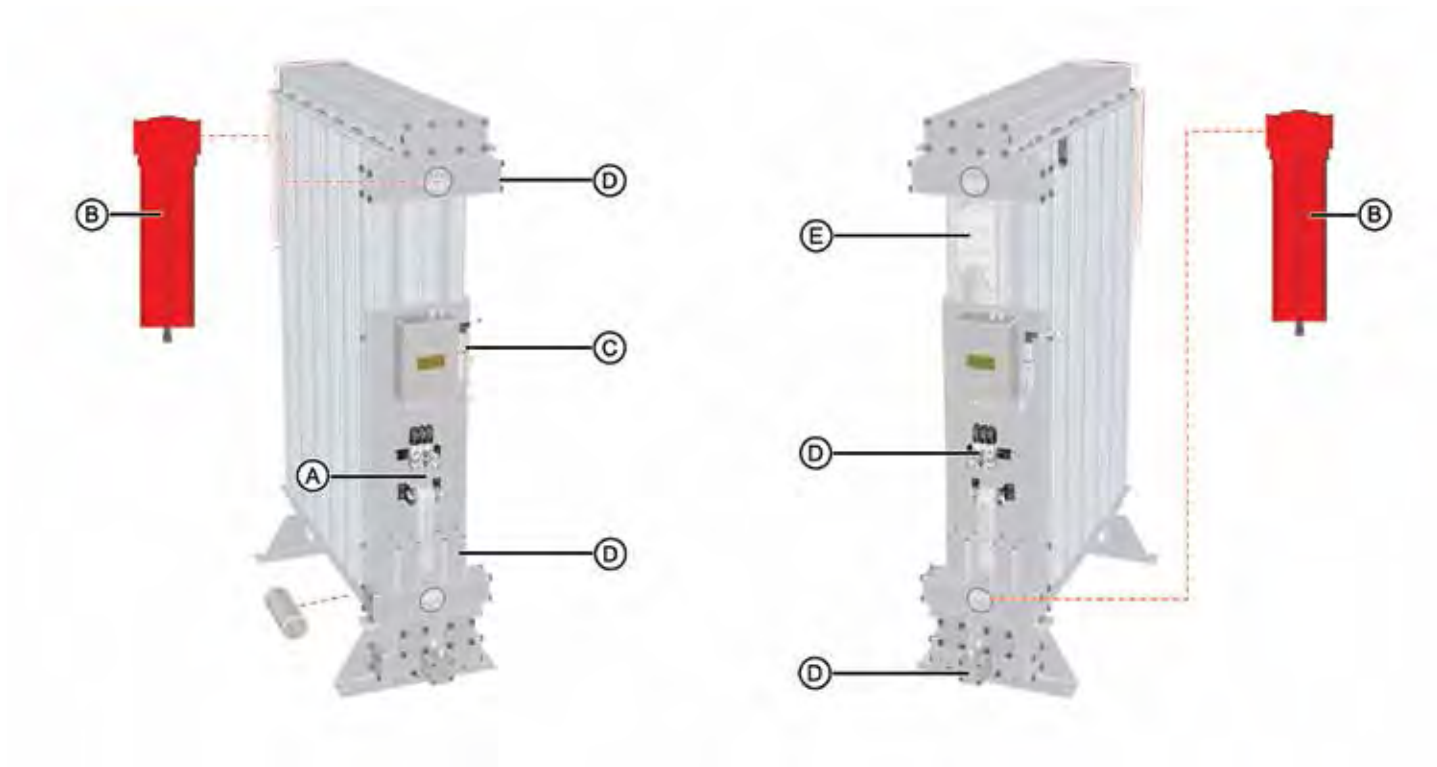
Service Intervals

Description of Service Recommended (1)								
Component	Operation	Day	Week	3 Months	6 Months	1 Year	2 Years	2.5 Years
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

Recommended Service A - Recommended every 6 months



Description	ZMX102 - ZMX408	Contents
Kit: Silencer Element	608620090	Silencer element

Note: The number of kits Recommended is dependent upon the model of dryer as illustrated below.

Description	ZMX102c	ZMX103c	ZMX103	ZMX104	ZMX105	ZMX106	ZMX107	ZMX108
Kit: Silencer Element	1	1	1	2	2	2	3	3

Consult Factory for Models ZMX205 and Larger

Recommended Service B - Recommended every Year



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 - Recommended every Year



Description	ZMX102 - ZMX408	Contents
Kit: Hygrometer Element Assembly	608203580	Hygrometer transmitter, Fixed orifice, O-ring

Note: One kit Recommended for each dryer bank with dewpoint transmitter.

Recommended Service D - Recommended every 2 Years

Description	ZMX102 - ZMX408	Contents
Kit: Valve Overhaul Kit <9 barg ZMX	60-862-0091	Inlet Valve Kit (608620093), Outlet Valve Kit (608620094), Exhaust Valve Kit (608620095), Control Valve Kit ZMXA/ZMXS (608620096)
Kit: Valve Overhaul Kit >9 barg ZMX	60-862-0092	Inlet Valve Kit (608620093), Outlet Valve Kit (608620094), Exhaust Valve Kit (608620095), Control Valve Kit ZMXA/ZMXS (608620096), Repressurization Valve Kit (608620097)
Kit: Valve Overhaul Kit <9 barg ZMX	608620121	Inlet Valve Kit (608620093), Outlet Valve Kit (608620094), Exhaust Valve Kit (608620095), Control Valve Kit ZMXP (608620131)
Kit: Valve Overhaul Kit >9 barg ZMX	608620122	Inlet Valve Kit (608620093), Outlet Valve Kit (608620094), Exhaust Valve Kit (608620095), Control Valve Kit ZMXP (608620096), Repressurization Valve Kit (608620097)

Note: One overhaul kit is recommended for each dryer bank.



Description	ZMX102 - ZMX408	Contents
Kit: Inlet Valve	608620093	Cylinder valves, Associated o-rings, Fixing screws



Description	ZMX102 - ZMX408	Contents
Kit: Outlet Valve	608620094	Valve spring assemblies, Associated o-rings, Fixing nuts and bolts

The early dryers (serial number up to ZMXP0806015) will require an upgrade using the outlet valve overhaul kit. Once upgraded, the outlet valve kit listed above will be suitable for use on the next service.



Description	ZMX102 - ZMX408	Contents
Kit: Exhaust Valve	608620095	Cylinder valves, Elbow fittings, Associated o-rings, Fixing screws



Description	ZMX102 - ZMX408	Contents
Kit: Control Valve (ZMXA/ZMXS)	608620096	3-Bank solenoid valve, 010AA filter element, E009AA filter element, Fixing screws



Description	ZMX102 - ZMX408	Contents
Kit: Control Valve ZMXP (Pneumatic)	608620131	2-Bank solenoid valve, E009AA filter element, Fixing screws



Description	ZMX102 - ZMX408	Contents
Kit: Repressurization Valve	608620097	Cylinder valve, Associated o-rings, Fixing screws

Recommended Service E - Recommended every 2.5 Years



Description	ZMX102 - ZMX408	Contents
Kit: Desiccant AA	60-820-3661	3 Gallon Container of AA
Kit: Desiccant MS	60-820-3662	3 Gallon Container of MS
Kit: Desiccant WS	608203663	3 Gallon Container of WS

Note: The quantity of desiccant material recommended 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	ZMX102c			ZMX103c			ZMX103			ZMX104			ZMX105			ZMX106			ZMX107			ZMX108		
	-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 (2.96 gal)	9	8		13	12		16	14		21	19		26	24		31	28		36	33		41	37	
Kit: Desiccant MS (2.96 gal)		1	7		2	11		2	13		3	17		3	21		4	25		4	29		6	33
Kit: Desiccant WS (2.96 gal)			2			3			4			5			6			7			8			9



Description	ZMX102 - ZMX408	Contents
Kit: Column Seals ZMX	608620098	Column o-rings, Outlet plate o-ring

Note: One kit is Recommended for each dryer.



Description	ZMX102 - ZMX408	Contents
Snowstorm Filler	608201051	Jumbo Snowstorm Filler

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www.parker.com/hzd

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www.parker.com/rfde

Racor Research & Development

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www.parker.com/singapore

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www.parker.com/br

Pan American Division

Miami, FL
305 470 8800
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Africa

Aeroporto Kempton Park, South Africa
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ecodry Heatless Dryer

Models K-MT 1-8 and KM5-115

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Service Intervals

Description of Service Recommended		Service recommended or required as needed every:			
Component	Operation	Day	1 Year	2 Years	4 Years
Dryer	Carry out visual and function checks.	○			
Muffler	K-MT 1-2: Clean muffler, replace if necessary.		🔧		🔧
	K-MT 3-8: Mufflers must be replaced annually and after each desiccant change.		🔧		🔧
Fine filter muffler (option)	Replace silencer element annually and after each desiccant charge.		🔧		
Sensor of optional dewpoint sensing control system	Replace		🔧		
Solenoid valves	Replace membrane			🔧	
Solenoid and check valves	Solenoid valves: Replace membranes and coils. Check valves: Replace balls and springs.				🔧
Demisters, perforated plates, drying agent	Replace				🔧

Key:

○	Check	🔧	Replace
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K-MT 1-8 Series

GENERATION 2

From 07/2013 to the present day

For the maintenance of this product range, 12/36, 24 and 48 month service-kits are required, together with other components referenced below. Furthermore a 48 month maintenance interval requires an exchange of desiccant (see DESPACs).

12 and 36 month interval

Material required: Service-kit
 Service-kit contents: Re-set module, silencer, filter-elements
 Options: Dew point sensor ZHM100/450

K-MT	Material required - Order-No.			Options - Order-No.	
Product Code	Service-kit			Others	
K-MT 1-4	SKK1-K4/D2/12			ZHM100/450	
K-MT 6-7	SKK6-K7/D2/12				
K-MT 8	SKK8/D2/12				

24 month interval

Material required: Service-kit
 Service-kit contents: Re-set module, silencer, filter-elements, wear part set for in-/outlet-valves
 Options: Dew point sensor ZHM100/450

K-MT	Material required - Order-No.			Options - Order-No.	
Product Code	Service-kit			Others	
K-MT 1-4	SKK1-K4/D2/24			ZHM100/450	
K-MT 6-7	SKK6-K7/D2/24				
K-MT 8	SKK8/D2/24				

48 month interval

Material required: Service-kit, DESPACs see on opposite page
 Service-kit contents: Re-set module, silencer, filter-elements, perforated plates, perforated plate gaskets, solenoid coils 230V, wear part set for in-/outlet-valves, non-return valves, 2 demister pads,
 Options: Dew point sensor ZHM100/450

K-MT	Material required - Order-No.			Options - Order-No.	
Product Code	Service-kit			Others	
K-MT 1-4	SKK1-K4/D2/48			ZHM/100/450	
K-MT 6-7	SKK6-K7/D2/48				
K-MT 8	SKK8/D2/48				

K-MT 1-8 Series

GENERATION 2
From 07/2013 to the present day

DESPACs

48 month interval

Content DESPACs: Molecular sieve in 1 kg, 4 kg or 15 kg packs

Order-No.	K-MT 1	K-MT 2	K-MT 3	K-MT 4	K-MT 6	K-MT 7	K-MT 8
DESPAC1MS	1		1		1		
DESPAC4MS		1	1	2	3	4	1
DESPAC15MS							1

Replacement filter-elements for pre- and after filters (filter-elements are included in the service-kit)

K-MT	Options - Order-No.		K-MT	Options - Order-No.	
Product code	Filter housing size	Element grade VL, ZL, XL, A	Product code	Filter housing size	Element grade VL, ZL, XL, A
K-MT 1	GL2	CP1008_	K-MT 6	GL5	CP2010_
K-MT 2	GL2	CP1008_	K-MT 7	GL5	CP2010_
K-MT 3	GL2	CP1008_	K-MT 8	GL7	CP2020_
K-MT 4	GL2	CP1008_			

The code spacing_ should contain the filter-element grade required. Example: Filter GL2XL containing filter-element CP1008XL
An XL-grade pre-filter element and a ZL-grade after-filter element are already included in the service-kit as standard.

Loose accessories

Order-No.	Use	Suitable for
VASRGR/K1-K8	Balance-line	K-MT 1 to K-MT 8
VASDPD/K1-K95	Dew point measurement	K-MT 1 to K-MT 95
VASMBS420	Signal Splitter 4-20 mA	K-MT 1 to K-MT 95
VASNOZ/K1-K95	Nozzle-kit	K-MT 1 to K-MT 95
VASSDD08/15	Silencer	K-MT 1 to K-MT 8

Order-No.	Use	Suitable for
VASVPB/K1-K4/08	Starting device G1/4i	K-MT 1 to K-MT 4
VASVPB/K6-K7/15	Starting device G1/2i	K-MT 6 to K-MT 7
VASVPB/K8/20	Starting device G3/4i	K-MT 8
VASFS3/K1-K4	Fine filter silencer	K-MT 1 to K-MT 4
VASFS5/K6-K8	Fine filter silencer	K-MT 6 to K-MT 8



K-MT 1-8 Series

GENERATION 1

From 05/2003 to 06/2013

For the maintenance of this product range, 12/36, 24 and 48 month service-kits are required, together with other components referenced below. Furthermore a 48 month maintenance interval requires an exchange of desiccant (see DESPACs).

12 and 36 month interval

Material required: Service-kit, filter-elements, silencer
 Service-kit contents: Re-set module
 Options: Dew point sensor ZHM 100/450

K-MT	Material required - Order-No.			Options - Order-No.	
Product Code	Service-kit	Use	Silencer	Others	
K-MT 1-8	K-MT12A	Balance-line	VASSDD08/15	ZHM100/450	

24 month interval

Material required: Service-kit, filter-elements, silencer,
 Service-kit contents: Re-set module, wear part set for in-/outlet-valves
 Options: Dew point sensor ZHM100/450

K-MT	Material required - Order-No.			Options - Order-No.	
Product Code	Service-kit	Filter-element	Silencer	Others	
K-MT 1-8	K-MT24A	See replacement filter-elements on opposite page	VASSDD08/15	ZHM100/450	

48 month interval

Material required: Service-kit, silencer, filter-elements, DESPACs see on opposite page
 Service-kit contents: Re-set module, perforated plates, perforated plate gaskets, solenoid coils 230V, wear part set for in-/outlet-valves, non-return valves, 2 Demisters
 Options: Dew point sensor ZHM100/450

K-MT	Material required - Order-No.			Options - Order-No.	
Product Code	Service-kit	Filter-element	Silencer	Others	
K-MT 1-4	K-MT48A	See replacement filter-elements on opposite page	VASSDD08/15	ZHM100/450	
K-MT 6-8	K-MT48B				

K-MT 1-8 Series

GENERATION 1
From 05/2003 to 6/2013

DESPACs

48 month interval

Content DESPACs: Molecular sieve in 1 kg, 4 kg or 15 kg packs

Order-No.	K-MT 1	K-MT 2	K-MT 3	K-MT 4	K-MT 6	K-MT 7	K-MT 8
DESPAC1MS	1		1		1		
DESPAC4MS		1	1	2	3	4	1
DESPAC15MS							1

Replacement filter-elements for pre- and after filters

K-MT	Order-No.	
Product code	Filter housing size	Element grade V, ZP, XP, A
K-MT 1	G2	1030_
K-MT 2	G2	1030_
K-MT 3	G2	1030_
K-MT 4	G2	1030_

K-MT	Order-No.	
Product code	Filter housing size	Element grade V, ZP, XP, A
K-MT 6	G5	1070_
K-MT 7	G5	1070_
K-MT 8	G7	1140_

The code spacing_ should contain the filter-element grade required. Example: Filter G2XP containing filter element 1030XP
An XP-grade pre-filter element and a V-grade after-filter element are standard.

Loose accessories

Order-No.	Use	Suitable for
VASRGR/K1-K8	Balance-line	K-MT 1 to K-MT 8
VASDPD/K1-K95	Dew point measurement	K-MT 1 to K-MT 95
VASMBS420	Signal Splitter 4-20 mA	K-MT 1 to K-MT 95
VASNOZ/K1-K95	Nozzle-kit	K-MT 1 to K-MT 95
VASSDD08/15	Silencer	K-MT 1 to K-MT 8

Order-No.	Use	Suitable for
on request	Starting device G1/4i	K-MT 1 to K-MT 4
on request	Starting device G3/8i	K-MT 6 to K-MT 7
on request	Starting device G1/2i	K-MT 8
VASFS3/K1-K4	Fine filter silencer	K-MT 1 to K-MT 4
VASFS5/K6-K8	Fine filter silencer	K-MT 6 to K-MT 8



KM 5-115 Series

GENERATION 0
Up to mid. 2003

Generation 0 dryers should be updated once to the latest technical specification using the following retrofit kits.

For the maintenance of the updated series, 12/36, 24 and 48 month service-kits are required, together with other components referenced below. Furthermore a 48 month maintenance interval requires an exchange of desiccant (see DESPACs).

Update-kit

Suitable for	Order-No.	Replaceable contents
KM 5 to KM 35	UKKM5-35	Solenoid valve plate incl. seals + cable + socket-coupling
KM 5 to KM 35	UKKM5-35/RV	Non-return valve plate incl. seals
KM 75 to KM 115	UKKM75-115	Solenoid valve plate incl. seals + cable + socket-coupling
KM 75 to KM 115	UKKM75-115/RV	Non-return valve plate incl. seals

Update-kit Multitronic

Suitable for	Order-No.	Replaceable contents
KM 5 bis KM 115	UKMT-230-ZHM	Multitronic + cable + ZHM100 + measuring chamber
KM 5 bis KM 115	UKMT-230	Multitronic + cable

After the conversion of the current control Multitronic every 12 month is the following service kit required

KM 5-KM 115	K-MT12A	Reset-modul
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12 and 36 month interval

Material required: Filter elements, silencers

Service-kit contents: -

Options: Dew point sensor* (*Dew point sensor can vary in type. Please provide the construction no. of the dryer when making an enquiry.)

KM	Material required - Order-No.			Options - Order-No.	
Product Code	Service-kit	Filter-element	Silencer	Others	
KM 5-KM 115	**	See replacement filter-elements on opposite page	VASSDD08/15	Dew point sensor*	

24 month interval

Material required: Service-kit, filter elements, silencers

Service-kit contents: Wear part set for in-/outlet-valves

Options: Dew point sensor* (*Dew point sensor can vary in type. Please provide the construction no. of the dryer when making an enquiry.)

KM	Material required - Order-No.			Options - Order-No.	
Product Code	Service-kit	Filter-element	Silencer	Others	
KM 5-KM 115	KM24A-UG	See replacement filter-elements on opposite page	VASSDD08/15	Dew point sensor*	

KM 5-115 Series

GENERATION 0
Up to mid. 2003

48 month interval

Material required: Service-kit, filter-elements, silencer, DESPACs see below
 Service-kit contents: Perforated plate gaskets, solenoid coils 230V, wear part set for in-/outlet-valves, non-return valves
 Options: Dew point sensor* (*Dew point sensor can vary in type. Please provide the construction no. of the dryer when making an enquiry.)

K-MT	Material required - Order-No.			Options	
Product Code	Service-kit	Filter-element	Silencer	Others	
KM 5-KM 35	KM48A-UG	See replacement filter-elements on opposite page	VASSDD08/15	Dew point sensor*	
KM 75-KM 115	KM48B-UG				

DESPACs

48 month interval

Content DESPACs: Molecular sieve in 1 kg, 4 kg or 15 kg packs

Order-No.	KM 5	KM10	KM25	KM35	KM75	KM95	KM115
DESPAC1MS	1		1			2	
DESPAC4MS		1	1	2			2
DESPAC15MS					1	1	1

Replacement filter-elements for pre- and after filters

KM	Order-No.		KM	Order-No.	
Product code	Filter housing size	Element grade V, ZP, XP, A	Product code	Filter housing size	Element grade V, ZP, XP, A
KM 5	G2	1030_	KM 75	G5	1070_
KM 10	G2	1030_	KM 95	G5	1070_
KM 25	G2	1030_	KM 115	G7	1140_
KM 35	G2	1030_			

The code spacing _ should contain the filter-element grade required. Example: Filter G2XP containing filter element 1030XP.
 An XP-grade pre-filter element and a ZP-grade after-filter element are installed as standard.

Worldwide Filtration Manufacturing Locations

North America

**Compressed Air Treasent
Filtration & Separation/Balston**
Haverhill, MA
978 858 0505
www.parker.com/balston

**Finite Airtek Filtration
Airtek/donnick hunter/Zander**
Lancaster, NY
716 686 6400
www.parker.com/faf

Finite Airtek Filtration/Finite
Oxford, MI
248 628 6400
www.parker.com/finitefilter

**Engine Filtration &
Water Purification
Racor**
Modesto, CA
209 521 7860
www.parker.com/racor

Racor
Holly Springs, MS
662 252 2656
www.parker.com/racor

Racor
Beaufort, SC
843 846 3200
www.parker.com/racor

Racor – Village Marine Tec.
Gardena, CA
310 516 9911
desalination.parker.com

**Hydraulic Filtration
Hydraulic Filter**
Metamora, OH
419 644 4311
www.parker.com/hydraulicfilter

**Process Filtration
donnick hunter Process Filtration**
Oxnard, CA
805 604 3400
www.parker.com/processfiltration

Europe

**Compressed Air Treasent
donnick hunter Filtration & Separation**
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+44 (0) 191 402 9000
www.parker.com/dhfn

Parker Gas Separations
Etten-Leur, Netherlands
+31 76 508 5300
www.parker.com/dhfn

Hiross Zander
Padova Business Unit
Padova, Italy
+39 049 9712 111
www.parker.com/hzd

Hiross Zander
Essen Business Unit
Essen, Germany
+49 2054 9340
www.parker.com/hzd

**Engine Filtration &
Water Purification
Racor**
Dewsbury, England
+44 (0) 1924 487 000
www.parker.com/rfde

Racor Research & Development
Stuttgart, Germany
+49 (0)711 7071 290-10
www.parker.com/rfde

**Hydraulic Filtration
Hydraulic Filter**
Arnhem, Holland
+31 26 3760376
www.parker.com/hfde

Ujala Operation
Ujala, Finland
+358 20 753 2500
www.parker.com/hfde

Condition Monitoring Center
Norfolk, England
+44 1842 763 299
www.parker.com/hfde

**Process Filtration
donnick hunter Process Filtration**
Birtley, England
+44 (0) 191 410 5121
www.parker.com/processfiltration

Asia Pacific

Australia
Castle Hill, Australia
+61 2 9634 7777
www.parker.com/australia

China
Shanghai, China
+86 21 5031 2525
www.parker.com/china

India
Navi Mumbai, India
+91 22 651 370 8185
www.parker.com/india

Japan
Tokyo, Japan
+81 45 870 1522
www.parker.com/japan

Korea
Hwaseon-City
+82 31 359 0852
www.parker.com/korea

Singapore
Jurong Town, Singapore
+65 6887 6300
www.parker.com/singapore

Thailand
Bangkok, Thailand
+66 2 186 7000
www.parker.com/thailand

**Latin America
Parker Comercio Ltda.
Filtration Division**
Sao Paulo, Brazil
+55 12 4009 3500
www.parker.com/br

Pan American Division
Miami, FL
305 470 8800
www.parker.com/panam

Africa
Aeroporto Kempton Park, South Africa
+27 11 9610700
www.parker.com/africa





ZBA Blower Purge Desiccant Dryer

Models ZBA500 - ZBA800

Preventative Maintenance Guide

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*If unit is more than 2 years old, please verify part numbers with customer service prior to ordering.

Service Intervals

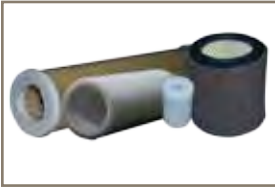
Description of Service Recommended		Service recommended or required as needed every:			
Component	Operation	Day	Week	6 Months	1 Year
Dryer	Dewpoint	○			
Dryer	Proper Purge Setting	○			
Dryer	Proper Heater and Desiccant Bed Temperatures	○			
Dryer	Correct Air Flow from Purge Exhaust	○			
Dryer	Gauge Readings	○			
Filtration	Auto Drain Operation on Pre Filter	○			
Dryer	Back Pressure in Regenerating Tank	○			
Dryer	Drains on Separator, Receiver, and Pre Filter		○		
Dryer	Operating Conditions		○		
Filtration	Blower Inlet Filter		○		
Dryer	Blower		○		
Dryer	Desiccant		○		
Dryer	Mufflers			○	
Filtration	Pre and After Filter Elements Recommended Repair Service A	○	○	🔧	
Dryer	Automatic Drain			○	
Filtration	Control Air Filter Element Recommended Repair Service A				🔧
Dryer	Safety Valves			○	
Filtration	Blower Inlet Filter Element Recommended Repair Service A				🔧
Dryer	Clean the Dryer			○	
Dryer	Exhaust Muffler Recommended Repair Service B				🔧
Dryer	Rebuild Exhaust Valves Recommended Repair Service C				🔧
Dryer	Rebuild Inlet Valves Recommended Repair Service D				🔧
Dryer	Clean Control Solenoid Valves				○

Key:

○	Check	🔧	Replace
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Preventative Maintenance

Recommended Filter Element Service A - Recommended every 6 months and 1 Year



Description	ZBA500	ZBA600	ZBA800
Coalescer Element	CP4065XL	CP4065XL	CP5065XL
Particulate Element	JE-FC0625-HT	JE-FC0625-HT	JE-FC0800-HT
Control Air Filter Element	TP2201-PE	TP2201-PE	TP2201-PE
Blower Intake Element	TP1420-E	TP1420-E	TP1420-E

Recommended Repair Service B - Recommended every Year



Description	ZBA500	ZBA600	ZBA800
Exhaust Muffler	TP4220-1		

Recommended Valve Repair Service C & D - Recommended every Year (o-rings, bushings, and spacers)



Description	ZBA500	ZBA600	ZBA800
Kit: Inlet Valve	TP7620-P1-RK	TP7620-P1-RK	TP7620-P1-RK
Kit: Exhaust Valve	TP7520-P1-RK	TP7520-P1-RK	TP7520-P1-RK
Kit: Outlet Check Valve	TP7420-SW1RK	TP7420-SW1RK	TP7420-SW1RK
Kit: Purge Check Valve	TP7420-SW1RK	TP7420-SW1RK	TP7420-SW1RK

Recommended Desiccant Service - Recommended Every 3-5 Years



Description	ZBA500	ZBA600	ZBA800
Desiccant (50# bag)	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50

Desiccant Quantity Recommended (# of 50 lb bags)

Description	ZBA500	ZBA600	ZBA800
Desiccant	15	18	24





ZBA Blower Purge Desiccant Dryer

Models ZBA1000 - ZBA6000

Preventative Maintenance Guide

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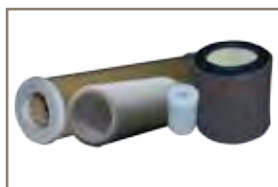
Service Intervals

Description of Service Recommended		Service recommended or required as needed every:			
Component	Operation	Day	Week	6 Months	1 Year
Dryer	Dewpoint	○			
Dryer	Proper Purge Setting	○			
Dryer	Proper Heater and Desiccant Bed Temperatures	○			
Dryer	Correct Air Flow from Purge Exhaust	○			
Dryer	Gauge Readings	○			
Filtration	Auto Drain Operation on Pre Filter	○			
Dryer	Back Pressure in Regenerating Tank	○			
Dryer	Drains on Separator, Receiver, and Pre Filter		○		
Dryer	Operating Conditions		○		
Filtration	Blower Inlet Filter		○		
Dryer	Blower		○		
Dryer	Desiccant		○		
Dryer	Mufflers			○	
Filtration	Pre and After Filter Elements Recommended Repair Service A	○	○	🔧	
Dryer	Automatic Drain			○	
Filtration	Control Air Filter Element Recommended Repair Service A				🔧
Dryer	Safety Valves			○	
Filtration	Blower Inlet Filter Element Recommended Repair Service A				🔧
Dryer	Clean the Dryer			○	
Dryer	Exhaust Muffler Recommended Repair Service B				🔧
Dryer	Rebuild Exhaust Valves Recommended Repair Service C				🔧
Dryer	Clean Control Solenoid Valves				○

Key:

○	Check	🔧	Replace
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Recommended Filter Element Service A - Recommended every 6 months and 1 Year



Description	ZBA1000	ZBA1200	ZBA1500	ZBA2000	ZBA2600
Coalescer Element	CP5080XL	CP5080XL	5075XP (1)	3075XP (3)	3075XP (3)
Particulate Element	JE-FC1330-HT	JE-FC1330-HT	JE-FC1500-HT (1)	JE-FC2000-HT (1)	JE-FC3000-HT (1)
Control Air Filter Element	CP1008ZL	CP1008ZL	CP1008ZL	CP1008ZL	CP1008ZL
Blower Intake Element	TP1420-E	TP1430-E	TP1430-E	TP1430-E	TP1440-E

Description	ZBA3000	ZBA4000	ZBA5000	ZBA6000
Coalescer Element	3075XP (4)	3075XP (5)	3075XP (6)	3075XP (8)
Particulate Element	JE-FC3000-HT (1)	JE-FC4000-HT (1)	JE-FC2500-HT (3)	JE-FC2500-HT (3)
Control Air Filter Element	CP1008ZL	CP1008ZL	CP1008ZL	CP1008ZL
Blower Intake Element	TP1440-E	TP1451-SDB-E	2C040-003	2C040-003

Recommended Repair Service B - Recommended every Year



Description	ZBA1000	ZBA1200	ZBA1500	ZBA2000	ZBA2600	ZBA3000	ZBA4000	ZBA5000	ZBA6000
Exhaust Muffler	TP4210-1				TP4215-1		TP4220-1		

Recommended Valve Repair Service C - Recommended every Year (o-rings, bushings, and spacers)



Description	ZBA1000	ZBA1200	ZBA1500	ZBA2000	ZBA2600	ZBA3000	ZBA4000	ZBA5000	ZBA6000
Kit: Inlet Valve	TP7631-BD-HP-RK			TP7641-BD-HP-RK			TP7661-BD-HP-RK		
Kit: Exhaust Valve	TP7520-P1-RK	TP7631-BD-HP-RK			TP7641-BD-HP-RK				TP7661-BD-HP-RK
Kit: Pre Exhaust Valve	TP7510-P1-RK	TP7510-P1-RK	TP7510-P1-RK	TP7510-P1-RK	TP7515-P1-RK	TP7515-P1-RK	TP7520-P1-RK	TP7520-P1-RK	TP7520-P1-RK
Kit: Outlet Check Valve	TP7431-SWRK	TP7431-SWRK	TP7431-SWRK	TP7441-SWRK	TP7441-SWRK	TP7441-SWRK	TP7461-SWRK	TP7461-SWRK	TP7461-SWRK
Kit: Purge Check Valve	TP7420-SW1RK	TP7431-SWRK	TP7431-SWRK	TP7431-SWRK	TP7441-SWRK	TP7441-SWRK	TP7441-SWRK	TP7461-SWRK	TP7461-SWRK
Kit: Secondary Purge Check Valve	-	-	TP7410-RK1	TP7410-RK1	TP7410-RK1	TP7410-RK1	TP7415-RK1	TP7415-RK1	TP7415-RK1
Kit: Secondary Purge Cooling Valve	-	-	-	-	-	-	TP7610-P1-RK	TP7610-P1-RK	TP7610-P1-RK
Kit: Repress Valve	-	-	TP7610-P1-RK	TP7610-P1-RK	TP7610-P1-RK	TP7610-P1-RK	TP7615-P1-RK	TP7615-P1-RK	TP7615-P1-RK

Recommended Desiccant Service - Recommended Every 3-5 Years

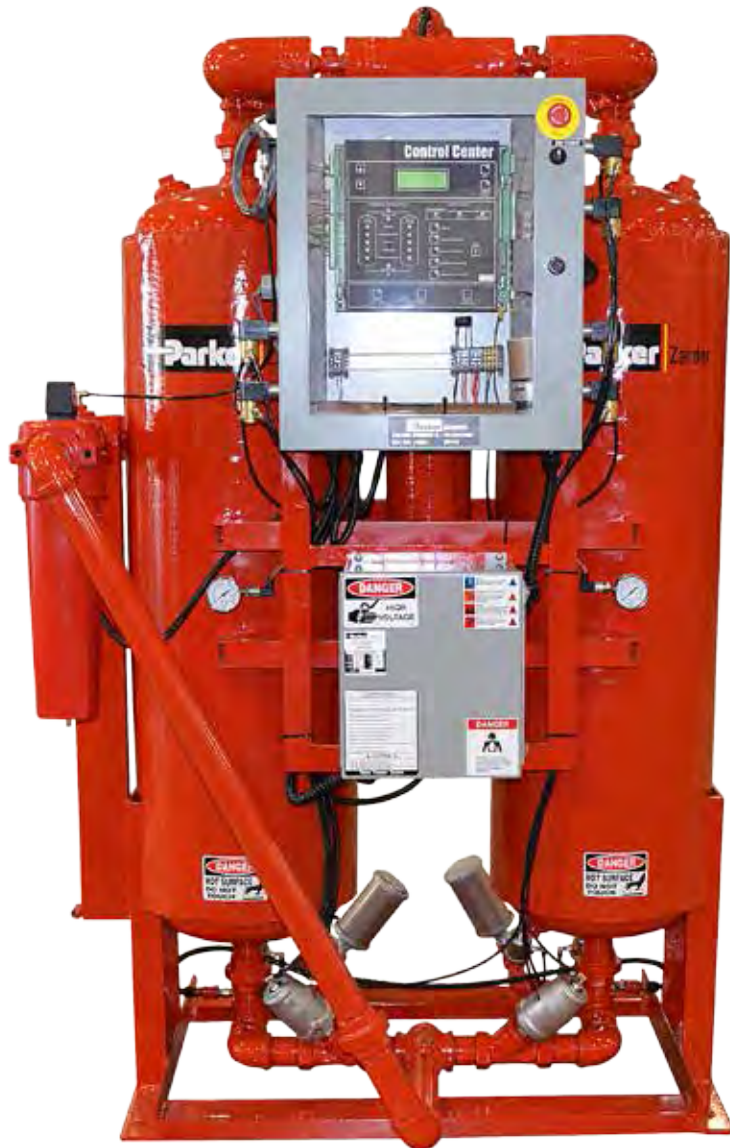


Description	ZBA1000	ZBA1200	ZBA1500	ZBA2000	ZBA2600	ZBA3000	ZBA4000	ZBA5000	ZBA6000
Desiccant (50# bag)	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50

Desiccant Quantity Recommended (# of 50 lb bags)

Description	ZBA1000	ZBA1200	ZBA1500	ZBA2000	ZBA2600	ZBA3000	ZBA4000	ZBA5000	ZBA6000
Desiccant	30	35	44	60	80	88	116	144	176





ZHA Heated Desiccant Dryer

Models ZHA250 - ZHA800

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*If unit is more than 2 years old, please verify part numbers with customer service prior to ordering.

Service Intervals

Description of Service Recommended		Service recommended every:			
Component	Operation	Day	Week	6 Months	1 Year
Dryer	Dewpoint	○			
Dryer	Proper Purge Setting	○			
Dryer	Proper Heater and Desiccant Bed Temperatures	○			
Dryer	Correct Air Flow from Purge Exhaust	○			
Dryer	Gauge Readings	○			
Filtration	Auto Drain Operation on Pre-Filter	○			
Dryer	Back Pressure in Regenerating Tank	○			
Dryer	Drains on Separator, Receiver, and Pre-Filter		○		
Dryer	Operating Conditions		○		
Dryer	Desiccant			○	
Dryer	Mufflers			○	
Filtration	Pre and After Filter Elements Recommended Repair Service A	○	○	🔧	
Dryer	Automatic Drain			○	
Filtration	Control Air Filter Element Recommended Repair Service A				🔧
Dryer	Safety Valves			○	
Dryer	Clean the Dryer			○	
Dryer	Exhaust Mufflers Recommended Repair Service B				🔧
Dryer	Rebuild Exhaust Valves Recommended Repair Service C				🔧
Dryer	Clean Control Solenoid Valves				○

Key:

○	Check	🔧	Replace
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Preventative Maintenance

Recommended Filter Element Service A - Recommended every 6 months and 1 Year



Description	ZHA250	ZHA300	ZHA400	ZHA500	ZHA600	ZHA800
Coalescer Element	CP4040XL	CP4040XL	CP4050XL	CP4065XL	CP4065XL	CP5065XL
Particulate Element	JE-FC0350-HT	JE-FC0350-HT	JE-FC0450-HT	JE-FC0625-HT	JE-FC0625-HT	JE-FC0800-HT
Control Air Filter Element	TP2201-PE	TP2201-PE	TP2201-PE	TP2201-PE	TP2201-PE	TP2201-PE

Recommended Repair Service B - Recommended every Year



Description	ZHA250	ZHA300	ZHA400	ZHA500	ZHA600	ZHA800
Exhaust Muffler	TP4210-1	TP4210-1	TP4210-1	TP4210-1	TP4210-1	TP4210-1

Recommended Valve Repair Service C - Recommended every Year (o-rings, bushings, and spacers)



Description	ZHA250	ZHA300	ZHA400	ZHA500	ZHA600	ZHA800
Kit: Inlet Valve	TP7610-P1-RK	TP7610-P1-RK	TP7620-P1-RK	TP7620-P1-RK	TP7620-P1-RK	TP7620-P1-RK
Kit: Exhaust Valve	TP7510-P1-RK	TP7510-P1-RK	TP7510-P1-RK	TP7515-P1-RK	TP7515-P1-RK	TP7515-P1-RK
Kit: Pre Exhaust Valve	-	-	TP7510-P1-RK	TP7510-P1-RK	TP7510-P1-RK	TP7510-P1-RK
Kit: Outlet Check Valve	TP7415-RK1	TP7415-RK1	TP7420-SW1RK	TP7420-SW1RK	TP7420-SW1RK	TP7420-SW1RK
Kit: Purge Check Valve	TP7405-RK	TP7405-RK	TP7405-RK	TP7407-RK	TP7407-RK	TP7410-RK1

Recommended Desiccant Service - Recommended Every 3-5 Years



Description	ZHA100	ZHA130	ZHA200	ZHA250	ZHA300	ZHA400	ZHA500	ZHA600	ZHA800
Desiccant (50# bag)	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50

Desiccant Quantity Recommended (# of 50 lb bags)

Description	ZHA100	ZHA130	ZHA200	ZHA250	ZHA300	ZHA400	ZHA500	ZHA600	ZHA800
Desiccant	3	4	6	8	10	12	15	18	24





ZHA Heated Desiccant Dryer

Models ZHA1000 - ZHA3000

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*If unit is more than 2 years old, please verify part numbers with customer service prior to ordering.

Service Intervals

Description of Service Recommended		Service recommended every:			
Component	Operation	Day	Week	6 Months	1 Year
Dryer	Dewpoint	○			
Dryer	Proper Purge Setting	○			
Dryer	Proper Heater and Desiccant Bed Temperatures	○			
Dryer	Correct Air Flow from Purge Exhaust	○			
Dryer	Gauge Readings	○			
Filtration	Auto Drain Operation on Pre-Filter	○			
Dryer	Back Pressure in Regenerating Tank	○			
Dryer	Drains on Separator, Receiver, and Pre-Filter		○		
Dryer	Operating Conditions		○		
Dryer	Desiccant			○	
Dryer	Mufflers			○	
Filtration	Pre and After Filter Elements Recommended Repair Service A	○	○	🔧	
Dryer	Automatic Drain			○	
Filtration	Control Air Filter Element Recommended Repair Service A				🔧
Dryer	Safety Valves			○	
Dryer	Clean the Dryer			○	
Dryer	Exhaust Mufflers Recommended Repair Service B				🔧
Dryer	Rebuild Exhaust Valves Recommended Repair Service C				🔧
Dryer	Clean Control Solenoid Valves				○

Key:

○	Check	🔧	Replace
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Preventative Maintenance

Recommended Filter Element Service A - Recommended every 6 months and 1 Year



Description	ZHA1000	ZHA1200	ZHA1500	ZHA2000	ZHA2600	ZHA3000
Coalescer Element	CP5080XL	CP5080XL	5075XP (1)	3075XP (3)	3075XP (3)	3075XP (4)
Particulate Element	JE-FC1330-HT	JE-FC1330-HT	JE-FC1500-HT (1)	JE-FC2000-HT (1)	JE-FC3000-HT (1)	JE-FC3000-HT (1)
Control Air Filter Element	CP1008ZL	CP1008ZL	CP1008ZL	CP1008ZL	CP1008ZL	CP1008ZL

Recommended Repair Service B - Recommended every Year



Description	ZHA1000	ZHA1200	ZHA1500	ZHA2000	ZHA2600	ZHA3000
Exhaust Muffler	TP4210-1					

Recommended Valve Repair Service C - Recommended every Year (o-rings, bushings, and spacers)



Description	ZHA1000	ZHA1200	ZHA1500	ZHA2000	ZHA2600	ZHA3000
Kit: Inlet Valve	TP7631-BD-HP-RK				TP7641-BD-HP-RK	
Kit: Pre Exhaust Valve	TP7510-P1-RK	TP7510-P1-RK	TP7510-P1-RK	TP7510-P1-RK	TP7510-P1-RK	TP7510-P1-RK
Kit: Exhaust Valve	TP7515-P1-RK	TP7520-P1-RK	TP7520-P1-RK	TP7520-P1-RK	TP7631-BD-HP-RK	
Kit: Outlet Check Valve	TP7431-SWRK	TP7431-SWRK	TP7431-SWRK	TP7441-SWRK	TP7441-SWRK	TP7441-SWRK
Kit: Purge Check Valve	TP7410-RK1	TP7410-RK1	TP7410-RK1	TP7415-RK1	TP7415-RK1	TP7420-SW1RK
Kit: Repress Valve	-	-	TP7610-P1-RK	TP7610-P1-RK	TP7610-P1-RK	TP7610-P1-RK

Recommended Desiccant Service - Recommended Every 3-5 Years



Description	ZHA1000	ZHA1200	ZHA1500	ZHA2000	ZHA2600	ZHA3000
Desiccant (50# bag)	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50

Desiccant Quantity Recommended (# of 50 lb bags)

Description	ZHA1000	ZHA1200	ZHA1500	ZHA2000	ZHA2600	ZHA3000
Desiccant	30	35	44	60	80	88





KTA Heatless Desiccant Dryer

Models KTA200 - KTA800

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Service Intervals

Description of Service Recommended		Service recommended every:			
Component	Operation	Day	Week	6 Months	1 Year
Dryer	Dewpoint	○			
Dryer	Correct Air Flow from Purge Exhaust	○			
Dryer	Gauge Readings	○			
Filtration	Auto Drain Operation on Pre Filter	○			
Dryer	Back Pressure in Regenerating Tank	○			
Filtration	Differential Pressure Across Pre and After Filter Elements		○		
Dryer	Operating Conditions		○		
Dryer	Desiccant			○	
Dryer	Mufflers			○	
Filtration	Pre and After Filter Elements Recommended Repair Service A	○	○	🔧	
Dryer	Automatic Drain			○	
Filtration	Control Air Filter Element Recommended Repair Service A				🔧
Dryer	Safety Valves			○	
Dryer	Clean the Dryer			○	
Dryer	Exhaust Mufflers Recommended Repair Service B				🔧
Dryer	Rebuild Exhaust Valves Recommended Repair Service C				🔧
Dryer	Clean Control Solenoid Valves				○

Key:

○	Check	🔧	Replace
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Preventative Maintenance

Recommended Filter Element Service A - Recommended every 6 months and 1 Year



Description	KTA200	KTA250	KTA300	KTA400	KTA500	KTA600	KTA800
Coalescer Element	CP3040XL	CP4040XL	CP4040XL	CP4050XL	CP4065XL	CP4065XL	CP5065XL
Particulate Element	CP3040ZL	CP4040ZL	CP4040ZL	CP4050ZL	CP4065ZL	CP4065ZL	CP5065ZL
Control Air Filter Element	TP2201-PE	TP2201-PE	TP2201-PE	TP2201-PE	TP2201-PE	TP2201-PE	TP2201-PE

Recommended Repair Service B - Recommended every Year



Description	KTA200	KTA250	KTA300	KTA400	KTA500	KTA600	KTA800
Exhaust Muffler	TP4210-1			TP4215-1			

Recommended Valve Repair Service C - Recommended every Year (o-rings, bushings, and spacers)



Description	KTA200	KTA250	KTA300	KTA400	KTA500	KTA600	KTA800
Kit: Exhaust Valve	TP7510-P1-RK	TP7510-P1-RK	TP7510-P1-RK	TP7515-P1-RK	TP7515-P1-RK	TP7515-P1-RK	TP7515-P1-RK
Kit: Outlet Check Valve	TP7415-RK1	TP7415-RK1	TP7415-RK1	TP7420-SW1RK	TP7420-SW1RK	TP7420-SW1RK	TP7420-SW1RK
Kit: Purge Check Valve	TP7405-RK	TP7407-RK	TP7407-RK	TP7407-RK	TP7410-RK	TP7410-RK	TP7410-RK

Recommended Desiccant Service - Recommended Every 3-5 Years

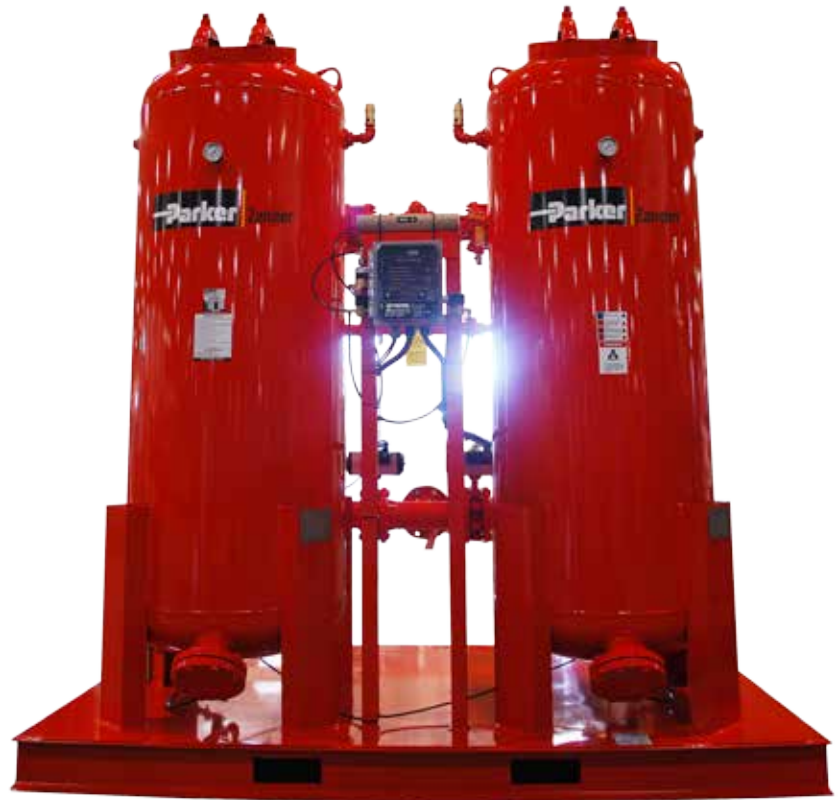


Description	KTA200	KTA250	KTA300	KTA400	KTA500	KTA600	KTA800
Desiccant (50# bag)	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50

Desiccant Quantity Recommended (# of 50 lb bags)

Description	KTA200	KTA250	KTA300	KTA400	KTA500	KTA600	KTA800
Desiccant	5	6	7	10	12	14	19





KTA Heatless Desiccant Dryer

Models KTA1000 - KTA3000

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Service Intervals

Description of Service Recommended		Service recommended every:			
Component	Operation	Day	Week	6 Months	1 Year
Dryer	Dewpoint	○			
Dryer	Correct Air Flow from Purge Exhaust	○			
Dryer	Gauge Readings	○			
Filtration	Auto Drain Operation on Pre Filter	○			
Dryer	Back Pressure in Regenerating Tank	○			
Filtration	Differential Pressure Across Pre and After Filter Elements		○		
Dryer	Operating Conditions		○		
Dryer	Desiccant			○	
Dryer	Mufflers			○	
Filtration	Pre and After Filter Elements Recommended Repair Service A	○	○	🔧	
Dryer	Automatic Drain			○	
Filtration	Control Air Filter Element Recommended Repair Service A				🔧
Dryer	Safety Valves			○	
Dryer	Clean the Dryer			○	
Dryer	Exhaust Mufflers Recommended Repair Service B				🔧
Dryer	Rebuild Exhaust Valves Recommended Repair Service C				🔧
Dryer	Clean Control Solenoid Valves				○

Key:

○	Check	🔧	Replace
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Preventative Maintenance

Recommended Filter Element Service A - Recommended every 6 months and 1 Year



Description	KTA1000	KTA1200	KTA1500	KTA2000	KTA2600	KTA3000
Coalescer Element	CP5080XL	CP5080XL	5075XP (1)	3075XP (3)	3075XP (3)	3075XP (4)
Particulate Element	CP5080ZL	CP5080ZL	5075ZP (1)	3075ZP (3)	3075ZP (3)	3075ZP (4)
Control Air Filter Element	CP1008ZL	CP1008ZL	CP1008ZL	CP1008ZL	CP1008ZL	CP1008ZL

Recommended Repair Service B - Recommended every Year



Description	KTA1000	KTA1200	KTA1500	KTA2000	KTA2600	KTA3000
Exhaust Muffler	TP4230-1					

Recommended Valve Repair Service C - Recommended every Year (o-rings, bushings, and spacers)



Description	KTA1000	KTA1200	KTA1500	KTA2000	KTA2600	KTA3000
Kit: Inlet Valve	TP7631-BD-HP-RK			TP7641-BD-HP-RK		
Kit: Exhaust Valve	TP7515-P1-RK	TP7520-P1-RK	TP7520-P1-RK	TP7520-P1-RK	TP7631-BD-HP-RK	
Kit: Outlet Check Valve	TP7431-SWRK	TP7431-SWRK	TP7431-SWRK	TP7441-SWRK	TP7441-SWRK	TP7441-SWRK
Kit: Purge Check Valve	TP7410-RK1	TP7415-RK1	TP7415-RK1	TP7415-RK1	TP7431-SWRK	TP7431-SWRK
Kit: Repress Valve	TP7610-P1-RK	TP7610-P1-RK	TP7610-P1-RK	TP7610-P1-RK	TP7610-P1-RK	TP7610-P1-RK

Recommended Desiccant Service - Recommended Every 3-5 Years

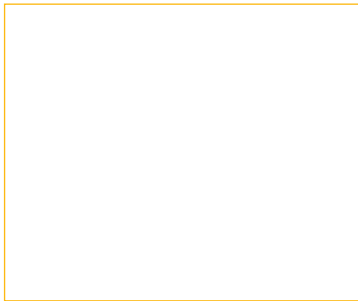


Description	ZBA1000	ZBA1200	ZBA1500	ZBA2000	ZBA2600	ZBA3000
Desiccant (50# bag)	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50	PDA-1/8-50

Desiccant Quantity Recommended (# of 50 lb bags)

Description	ZBA1000	ZBA1200	ZBA1500	ZBA2000	ZBA2600	ZBA3000
Desiccant	24	29	36	48	62	72





ecostar Refrigerated Dryers

Models CSM200 - CSM1000

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Service Intervals

Description of Service Recommended		Service recommended every:			
Component	Operation	Day	Week	Month	1 Year
Dryer	Check control panel indicators.	○			
Dryer	Check and clean drain line Y-Strainer.		🛡️		
Dryer	Check and clean condensing coil fins. (air cooled units only)			🛡️	
Dryer	Compressor oil level sight glass			○	
Filtration	Depressurized dryer. Replace pre- and after filter elements. Recommended Service A				🔧
Dryer	Check for refrigerant leaks.				○
Dryer	Depressurized dryer. Complete drain solenoid maintenance. Recommended Service B				🛡️

Key:

○	Check	🔧	Replace	🛡️	Maintenance
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Preventative Maintenance

Recommended Service A - Annually



Description	CSM200	CSM250	CSM325	CSM400	CSM500	CSM700	CSM850	CSM1000
Pre Filter Element	CP3040ZL	CP4040ZL	CP4040ZL	CP4050ZL	CP4065ZL	CP5065ZL	CP5065ZL	CP5080ZL
After Filter Element	CP3040XL	CP4040XL	CP4040XL	CP4050XL	CP4065XL	CP5065XL	CP5065XL	CP5080XL

Recommended Service B - Maintain and Replace as Recommended

Description	CSM200	CSM250	CSM325	CSM400	CSM500	CSM700	CSM850	CSM1000
Drain Solenoid Valve	TP8002-1							





ecostar Refrigerated Dryers

Models CS1250 - CSM3000

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Service Intervals

Description of Service Recommended		Service recommended every:			
Component	Operation	Week	Month	6 Months	1 Year
Dryer	Check and clean drain line Y-Strainer.				
Dryer	Check compressor oil level.				
Dryer	Check and clean condensing coil. (Air Cooled Units)				
Dryer	Check and clean condenser. (Water Cooled Units)				
Dryer	Check fan control switches. (Air Cooled Units)				
Filtration	Check coalescing filter element, replace if recommended.				
Dryer	Replace coalescing filter element. Recommended Service A				
Dryer	Check high pressure switch.				
Dryer	Check low pressure switch.				
Dryer	Drain solenoid maintenance Recommended Service B				
Filtration	Check and replace pre filter if present.				

Key:

	Check		Replace		Maintenance
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Preventative Maintenance

Recommended Service A - Annually



Description	CS1250	CS1600	CS2050	CS2500	CS3000
Coalescing Filter Element	JE1600-C10	JE1600-C10	(3) JE1000-C10	(3) JE1000-C10	JE3000-C10

Recommended Service B - Maintain and Replace as Recommended

Description	CS1250	CS1600	CS2050	CS2500	CS3000
Upper Drain Solenoid Valve #1	TP8002	TP8002	TP8005-1	TP8005-1	TP8005-1

Description	CS1250	CS1600	CS2050
Lower Drain Solenoid Valve #2	TP8002-1	TP8003	TP8005-1





Non-Cycling Dryer

Models ZNC200 - ZNC1200

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Service Intervals

Description of Service Recommended		Service recommended every:			
Component	Operation	Day	Week	Month	1 Year
Dryer	Check control panel indicators.	○			
Dryer	Check and clean drain line Y-Strainer.		🛡️		
Dryer	Check and clean condensing coil fins. (air cooled units only)			🛡️	
Dryer	Compressor oil level sight glass			○	
Filtration	Depressurized dryer. Replace pre- and after filter elements. Recommended Service A				🔧
Dryer	Check for refrigerant leaks.				○
Dryer	Depressurized dryer. Complete drain solenoid maintenance. Recommended Service B				🛡️

Key:

○	Check	🔧	Replace	🛡️	Maintenance
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Preventative Maintenance

Recommended Service A - Annually

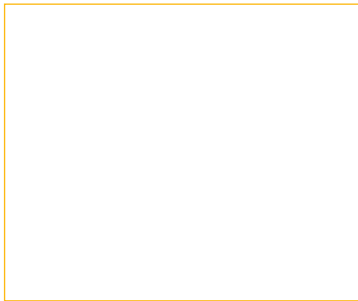


Description	ZNC200	ZNC250	ZNC325	ZNC400	ZNC500	ZNC700	ZNC850	ZNC1050	ZNC1200
Pre Filter Element	CP3040ZL	CP4040ZL	CP4040ZL	CP4050ZL	CP4065ZL	CP5065ZL	CP5065ZL	CP5080ZL	CP5080ZL
After Filter Element	CP3040XL	CP4040XL	CP4040XL	CP4050XL	CP4065XL	CP5065XL	CP5065XL	CP5080XL	CP5080XL

Recommended Service B - Maintain and Replace as Recommended

Description	ZNC200	ZNC250	ZNC325	ZNC400	ZNC500	ZNC700	ZNC850	ZNC1050	ZNC1200
Drain Solenoid Valve	TP8002-1								





ZDHHT Series

High Inlet Temperature Refrigerated Air Dryers

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Service Intervals

Description of Service Recommended		Service recommended every:			
Component	Operation	Day	Week	4 Months	1 Year
Dryer	Check POWER ON indicator is lit.	○			
Dryer	Check control panel indicators.	○			
Dryer	Check condensate drain.		🛡️		
Dryer	Clean condenser/aftercooler fins.			🛡️	
Dryer	Check electrical absorption.			○	
Dryer	Check that the fans rotate freely without any abnormal noise.			○	
Filtration	Depressurize the dryer. Replace the pre- and after filter elements. Recommended Service A				🔧
Dryer	If necessary (coil blocked) remove the aftercooler fan and clean the coil in the opposite direction to the air flow using a high pressure water jet.				🛡️
Dryer	Depressurize the dryer. Complete drain maintenance. Recommended Service B				🛡️

Key:

○	Check	🔧	Replace	🛡️	Maintenance
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Preventative Maintenance

Recommended Service A - Annually



Description	ZDHHT15	ZDHHT25	ZDHHT35	ZDHHT50	ZDHHT75	ZDHHT100
After Filter Element	CP1008XL	CP2010XL	CP2010XL	CP2020XL	CP3025XL	CP3025XL

Recommended Service B - Annually

Description	ZDHHT15	ZDHHT25	ZDHHT35	ZDHHT50	ZDHHT75	ZDHHT100	Contents
Annual Maintenance Kit	398H473344	398H473345	398H473345	398H473345	398H473346	398H473346	Filter separator, Filter drain valve, Element





PRD Series

Models PRD10 - PRD100

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Service Intervals

Description of Service Recommended		Service recommended every:			
Component	Operation	Daily	Weekly	4 months	1 Year
Dryer	Check POWER ON indicator is lit.	○			
Dryer	Check control panel indicators.	○			
Dryer	Check condensate drain.		🛡️		
Dryer	Clean condenser fins.			🛡️	
Dryer	Check electrical absorption.			○	
Filtration	Depressurize the dryer. Replace pre- and after filter elements. Recommended Repair Service A				🔧
Dryer	Depressurize the dryer. Complete drain maintenance. Recommended Repair Service B				🛡️

Key:

○	Check	🔧	Replace	🛡️	Maintenance
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Preventative Maintenance

Recommended Service A - Annually



Description	PRD10	PRD15	PRD25	PRD35	PRD50	PRD75	PRD100
Pre Filter Element	CP1008ZL	CP1008ZL	CP2010ZL	CP2010ZL	CP2020ZL	CP3025ZL	CP3025ZL
After Filter Element	CP1008XL	CP1008XL	CP2010XL	CP2010XL	CP2020XL	CP3025XL	CP3025XL

Recommended Service B - Maintain and Replace as Recommended

Description	PRD10	PRD15	PRD25	PRD35	PRD50	PRD75	PRD100
Drain Solenoid Valve	398H698459	398H785101					

Recommended First Aid Kit

Description	PRD10	PRD15	PRD25	PRD35	PRD50	PRD75	PRD100	Contents
First Aid Kit	398H785238	398H785238	398H785239	398H785239	398H785240	398H785241	398H785242	Compressor overload protector, Starting relay, Starting capacitor





PRD Series

Models PRD125 - PRD175

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Service Intervals

Description of Service Recommended		Service recommended every:			
Component	Operation	Daily	Weekly	4 months	1 Year
Dryer	Check POWER ON indicator is lit.	○			
Dryer	Check control panel indicators.	○			
Dryer	Check condensate drain.		🧑		
Dryer	Clean condenser fins.			🧑	
Dryer	Check electrical absorption.			○	
Filtration	Depressurize the dryer. Replace pre- and after filter elements. Recommended Repair Service A				🔧
Dryer	Depressurize the dryer. Complete drain maintenance. Recommended Repair Service B				🧑

Key:

○	Check	🔧	Replace	🧑	Maintenance
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Preventative Maintenance

Recommended Service A - Annually



Description	PRD125	PRD150	PRD175
Pre Filter Element	CP3025ZL	CP3040ZL	CP3040ZL
After Filter Element	CP3025XL	CP3040XL	CP3040XL

Recommended Service B - Maintain and Replace as Recommended

Description	PRD125	PRD150	PRD175
Drain Solenoid Valve (115 V)	398H785101	-	
Drain Solenoid Valve (230 V)	398H785100		

Recommended First Aid Kit

Description	PRD125	PRD150	PRD175	Contents
First Aid Kit	398H785242	398H785243	398H785246	Compressor overload protector, Starting relay, Starting capacitor



arcticstar ASD Series

Model ASD200

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Service Intervals

Description of Service Recommended		Service recommended every:				
Component	Operation	Daily	Weekly	4 months	1 Year	3 Years
Dryer	Check POWER ON indicator is lit.	○				
Dryer	Check control panel indicators.	○				
Dryer	Check condensate drain.		🛡️			
Dryer	Clean condenser fins.			🛡️		
Dryer	Check electrical absorption.			○		
Filtration	Depressurize the dryer. Replace pre- and after filter elements. Recommended Repair Service A			🔧		
Dryer	Depressurize the dryer. Complete drain maintenance. Recommended Repair Service B				🛡️	
Dryer	Dryer Maintenance Kit Recommended Repair Service C					🔧

Key:

○	Check	🔧	Replace	🛡️	Maintenance
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Preventative Maintenance

Recommended Repair Service A - Annually



Description	ASD200
Pre Filter Element	CP3040ZL
After Filter Element	CP3040XL

Recommended Service B - Maintain and Replace as Recommended

Description	ASD200
Drain Solenoid Valve	398H698201

Recommended Service C - Every 3 Years

Description	ASD200	Contents
3 Year Preventative Maintenance Kit	398H473000	Fan pressure switch, High pressure switch, High temperature thermostat, Dew point temperature sensor, Fan capacitor

Recommended First Aid Kit

Description	ASD200	Contents
First Aid Kit	398H785246	Compressor overload protector, Starting relay, Starting capacitor

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ASD 200 Maintenance Guide
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Parker Hannifin Corporation
Finite Airtek Filtration Division
4087 Walden Avenue
Lancaster, NY 14086
phone 716 686 6400
www.parker.com/faf





arcticstar ASD Series

Model ASD250

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Service Intervals

Description of Service Recommended		Service recommended every:				
Component	Operation	Daily	Weekly	4 months	1 Year	3 Years
Dryer	Check POWER ON indicator is lit.	○				
Dryer	Check control panel indicators.	○				
Dryer	Check condensate drain.		🛡️			
Dryer	Clean condenser fins.			🛡️		
Dryer	Check electrical absorption.			○		
Filtration	Depressurize the dryer. Replace pre- and after filter elements. Recommended Repair Service A				🔧	
Dryer	Depressurize the dryer. Complete drain maintenance. Recommended Repair Service B				🛡️	
Dryer	Check temperature sensors. Replace if necessary Recommended Repair Service C				🛡️	
Dryer	Dryer Maintenance Kit Recommended Repair Service D					🔧

Key:

○	Check	🔧	Replace	🛡️	Maintenance
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Preventative Maintenance

Recommended Repair Service A - Annually



Description	ASD250
Pre Filter Element	CP4040ZL
After Filter Element	CP4040XL

Recommended Service B - Maintain and Replace as Recommended

Description	ASD250
Drain Solenoid Valve	398H698201

Recommended Service C - Maintain and Replace as Recommended

Description	ASD250	Contents
Dew Point Temperature Sensor	398H275894	Dew Point Temperature Sensor
Discharge Temperature Sensor	398H275731	Discharge Temperature Sensor

Recommended Service D - Every 3 Years

Description	Power Supply	ASD250	Contents
3 Year Preventative Maintenance Kit	230V/3Ph/60Hz	398H473899	Low pressure switch, Fan pressure switch, High pressure switch, Dew point temperature sensor, Discharge temperature sensor, Compressor capacitor, Fan capacitor
	230V/1Ph/60Hz	398H473898	
	460V/3Ph/60Hz		

Recommended First Aid Kit

Description	ASD250	Contents
First Aid Kit	398H785206	Compressor overload protector, Starting relay, Starting capacitor





arcticstar Plus ASD Series

Models ASD265 - ASD500

Preventative Maintenance Guide

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*If unit is more than 2 years old, please verify part numbers with customer service prior to ordering.

Service Intervals

Description of Service Recommended		Service recommended every:				
Component	Operation	Daily	Weekly	4 months	1 Year	3 Years
Dryer	Check POWER ON indicator is lit.	○				
Dryer	Check control panel indicators.	○				
Dryer	Check condensate drain.		🛡️			
Dryer	Clean condenser fins.			🛡️		
Dryer	Verify that the crankcase heater is correctly positioned.			○		
Dryer	Check electrical absorption.			○		
Filtration	Depressurize the dryer. Replace pre- and after filter elements. Recommended Repair Service A				🔧	
Dryer	Depressurize the dryer. Complete drain maintenance. Recommended Repair Service B				🛡️	
Dryer	Check temperature sensors. Replace if necessary. Recommended Repair Service C				🛡️	
Dryer	Dryer maintenance kit. Recommended Repair Service D					🔧

Key:

○	Check	🔧	Replace	🛡️	Maintenance
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Preventative Maintenance

Recommended Repair Service A - Annually



Description	ASD265	ASD325	ASD400	ASD500
Pre Filter Element	CP4040ZL	CP4040ZL	CP4050ZL	CP4065ZL
After Filter Element	CP4040XL	CP4040XL	CP4050XL	CP4065XL

Recommended Service B - Maintain and Replace as Recommended

Description	ASD265	ASD325	ASD400	ASD500
Drain Solenoid Valve	398H698218			

Recommended Service C - Maintain and Replace as Recommended

Description	ASD265	ASD325	ASD400	ASD500
Evaporation Temperature Sensor	398H275894	398H275894	398H275894	398H275894
Discharge Temperature Sensor	398H275731	398H275731	398H275731	398H275731

Recommended Service D - Every 3 Years

Description	ASD265	ASD325	ASD400	ASD500	Contents
3 Year Preventative Maintenance Kit	398H473001				Low pressure switch, Fan pressure switch, High pressure switch, Dew point temperature sensor, Discharge temperature sensor, Compressor capacitor, Fan capacitor

Recommended First Aid Kit

Description	ASD265	ASD325	ASD400	ASD500	Contents
First Aid Kit	398H785207	398H785207	398H785207	398H785207	Compressor overload protector, Starting relay, Starting capacitor





arcticstar Plus ASD Series

Models ASD700 - ASD1000

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Service Intervals

Description of Service Recommended		Service recommended every:				
Component	Operation	Daily	Weekly	4 months	1 Year	3 Years
Dryer	Check POWER ON indicator is lit.	○				
Dryer	Check control panel indicators.	○				
Dryer	Check condensate drain.		🛡️			
Dryer	Clean condenser fins.			🛡️		
Dryer	Verify that the crankcase heater is correctly positioned.			○		
Dryer	Check electrical absorption.			○		
Filtration	Depressurize the dryer. Replace pre- and after filter elements. Recommended Repair Service A				🔧	
Dryer	Depressurize the dryer. Complete drain maintenance. Recommended Repair Service B				🛡️	
Dryer	Check temperature sensors. Replace if necessary. Recommended Repair Service C				🛡️	
Dryer	Dryer maintenance kit. Recommended Repair Service D					🔧

Key:

○	Check	🔧	Replace	🛡️	Maintenance
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Preventative Maintenance

Recommended Repair Service A - Annually



Description	ASD700	ASD800	ASD1000
Pre Filter Element	CP5065ZL	CP5065ZL	CP5080ZL
After Filter Element	CP5065XL	CP5065XL	CP5080XL

Recommended Service B - Maintain and Replace as Recommended

Description	ASD700	ASD800	ASD1000
Drain Solenoid Valve	398H698218		

Recommended Service C - Maintain and Replace as Recommended

Description	ASD700	ASD800	ASD1000
Evaporation Temperature Sensor	398H275894	398H275894	398H275894
Discharge Temperature Sensor	398H275731	398H275731	398H275731

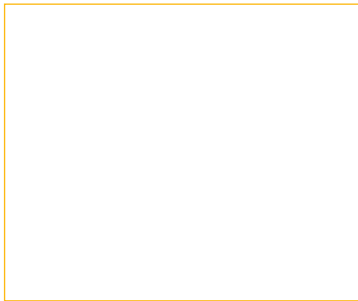
Recommended Service D - Every 3 Years

Description		ASD700	ASD800	ASD1000	Contents
3 Year Preventative Maintenance Kit	Aircooled		398H473001		Low pressure switch, Fan pressure switch, High pressure switch, Dew point temperature sensor, Discharge temperature sensor, Compressor capacitor, Fan capacitor
	Watercooled		398H473269		

Recommended First Aid Kit

Description	ASD700	ASD800	ASD1000	Contents
First Aid Kit	398H785207	398H785207	398H785207	Compressor overload protector, Starting relay, Starting capacitor





arcticstar Plus ASD Series

Models ASD1200 - ASD3000

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Service Intervals

Description of Service Recommended		Service recommended every:				
Component	Operation	Daily	Weekly	4 months	1 Year	3 Years
Dryer	Check POWER ON indicator is lit.	○				
Dryer	Check control panel indicators.	○				
Dryer	Check condensate drain.		🛡️			
Dryer	Clean condenser fins.			🛡️		
Dryer	Verify that the crankcase heater is correctly positioned.			○		
Dryer	Check electrical absorption.			○		
Filtration	Depressurize the dryer. Replace pre- and after filter elements. Recommended Repair Service A				🔧	
Dryer	Depressurize the dryer. Complete drain maintenance. Recommended Repair Service B				🛡️	
Dryer	Check temperature sensors. Replace if necessary. Recommended Repair Service C				🛡️	
Dryer	Dryer maintenance kit. Recommended Repair Service D					🔧

Key:

○	Check	🔧	Replace	🛡️	Maintenance
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Preventative Maintenance

Recommended Repair Service A - Annually



Description	ASD1200	ASD1600	ASD2000	ASD2400	ASD3000
Pre Filter Element	CP5080ZL	(2) 3075ZP	(3) 3075ZP	(3) 3075ZP	(4) 3075ZP
After Filter Element	CP5080XL	(2) 3075XP	(3) 3075XP	(3) 3075XP	(4) 3075XP

Recommended Service B - Maintain and Replace as Recommended

Description	ASD1200	ASD1400	ASD1600	ASD2000	ASD2400	ASD3000
Drain Solenoid Valve	398H698218					

Recommended Service C - Maintain and Replace as Recommended

Description	ASD1200	ASD1600	ASD2000	ASD2400	ASD3000
Evaporation Temperature Sensor	398H275895	398H275895	398H275895	398H275895	398H275895

Description	ASD1200	ASD1600	ASD2000	ASD2400	ASD3000
Discharge Temperature Sensor	398H275731	398H275731	398H275731	398H275731	398H275731

Recommended Service D - Every 3 Years

Description		ASD1200	ASD1600	ASD2000	ASD2400	ASD3000	Contents
3 Year Preventative Maintenance Kit	Aircooled	398H473001					Low pressure switch, Fan pressure switch, High pressure switch, Dew point temperature sensor, Discharge temperature sensor, Compressor capacitor, Fan capacitor
	Watercooled	398H473269					

Recommended First Aid Kit

Description	ASD1200	ASD1600	ASD2000	ASD2400	ASD3000	ASD3800	ASD5000	ASD6000	Contents
First Aid Kit	398H785211			398H785212			398H785213		Compressor overload protector, Starting relay, Starting capacitor





Hyperchill

Models PCW007 - PCW013

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Service Intervals

Description of Service Recommended		Service recommended every:		
Component	Operation	4 months	1 year	3 years
Chiller	Clean condenser fins			
Chiller	Ensure compressor electrical absorption is within the dataplate values			
Chiller	Inspect pump for pressure and leaks			
Chiller	General maintenance kit installation Recommended Repair Service A			

Key:

	Check		Replace		Maintenance
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Preventative Maintenance

Recommended Repair Service A - Every 3 Years

Description	PCW007	PCW013	Contents
3 Year Preventative Maintenance Kit		398H473200	Water outlet temperature sensor, Evaporator temperature sensor, Water level sensor, Electronic fan pressure switch, High pressure switch, Compressor contactor, Fan contactor, Pump contactor



Hyperchill

Models PCW020 - PCW025

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Service Intervals

Description of Service Recommended		Service recommended every:		
Component	Operation	4 months	1 year	3 years
Chiller	Clean condenser fins			
Chiller	Ensure compressor electrical absorption is within the dataplate values			
Chiller	Inspect pump for pressure and leaks			
Chiller	General maintenance kit installation Recommended Repair Service A			

Key:

	Check		Replace		Maintenance
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Preventative Maintenance

Recommended Repair Service A - Every 3 Years

Description	PCW020	PCW025	Contents
3 Year Preventative Maintenance Kit	398H473201		Water outlet temperature sensor, Evaporator temperature sensor, Water level sensor, Electronic fan pressure switch, High pressure switch, Compressor contactor, Fan contactor, Pump contactor





Hyperchill

Models PCW040 - PCW160

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Service Intervals

Description of Service Recommended		Service recommended every:		
Component	Operation	4 months	1 year	3 years
Chiller	Clean condenser fins			
Chiller	Ensure compressor electrical absorption is within the dataplate values			
Chiller	Water cooled version - check condenser, maintain as Recommended			
Chiller	Inspect pump for pressure and leak			
Chiller	General maintenance kit installation Recommended Repair Service A			

Key:

	Check		Replace		Maintenance
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Preventative Maintenance

Recommended Repair Service A - Every 3 Years

Description	PCW040	PCW060	PCW080	PCW110	PCW130	PCW160	Contents
General Maintenance Kit	398H473280		398H473281		398H473282		Water outlet temperature sensor, Evaporator temperature sensor, Water level sensor, Electronic fan pressure switch, High pressure switch, Low pressure switch, Compressor contactor, Fan contactor, Pump contactor





Hyperchill

Models PCW210 - PCW330

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Service Intervals

Description of Service Recommended		Service recommended every:		
Component	Operation	4 months	1 year	3 years
Chiller	Clean condenser fins			
Chiller	Ensure compressor electrical absorption is within the dataplate values			
Chiller	Water cooled version - check condenser, maintain as Recommended			
Chiller	Inspect pump for pressure and leak			
Chiller	General maintenance kit installation Recommended Repair Service A			

Key:

	Check		Replace		Maintenance
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Preventative Maintenance

Recommended Repair Service A - Recommended every 3 Years

Description	PCW210	PCW260	PCW330	Contents
3 Year Preventative Maintenance Kit	398H473298		398H473299	Water outlet temperature sensor, Evaporator temperature sensor, Water level sensor, Electronic fan pressure switch, High pressure switch, Low pressure switch, Compressor contactor, Fan contactor, Pump contactor





Hyperchill

Models PCW420 - PCW650

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Service Intervals

Description of Service Recommended		Service recommended every:		
Component	Operation	4 months	1 year	3 years
Chiller	Clean condenser fins			
Chiller	Ensure compressor electrical absorption is within the dataplate values			
Chiller	Water cooled version - check condenser, maintain as Recommended			
Chiller	Inspect pump for pressure and leak			
Chiller	General maintenance kit installation Recommended Repair Service A			

Key:

	Check		Replace		Maintenance
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Preventative Maintenance

Recommended Repair Service A - Recommended every 3 years

Description	PCW420	PCW510	PCW650	Contents
3 Year Preventative Maintenance Kit	398H473302		398H473303	Water outlet temperature sensor, Evaporator temperature sensor, Water level sensor, Electronic fan pressure switch, High pressure switch, Low pressure switch, Compressor contactor, Evaporator temperature sensor, Fan contactor, Pump contactor





Breathing Air Purifier

BA-ZME

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Preventative Maintenance

Recommended Silencer Service - Recommended every Year

Description	Catalog Number	Contents
Kit: Silencer Element	608233670	Silencer Element

Recommended Adsorption Filter Service - Recommended every 3 months



Description	Catalog Number	Qty	Contents
Kit: K013AC (BA-ZME012)	504040510	1	Replacement Element
Kit: K025AC (BA-ZME015-025)	504040520	1	
Kit: K040AC (BA-ZME030-040)	504040530	1	
Kit: K013HC (BA-ZME012)	504001151	1	Hopcalite Filter Element
Kit: K040HC (BA-ZME015-040)	504001331	1	Replacement Element
Kit: BAH Kit (BA-ZME050-060)	608203852	1	
Kit: BAH Kit (BA-ZME080)	608203852	2	

Recommended Coalescing Filter Service - Recommended every Year



Description	Catalog Number	Qty	Contents
Kit: K017AA (BA-ZME012)	504035408	2	High Efficiency Oil Removal Element
Kit: K030AA (BA-ZME015-025)	504035120	2	
Kit: K058AA (BA-ZME030-040)	504035130	2	
Kit: K145AO (BA-ZME050-080)	504025140	1	General Purpose Element
Kit: K145AA (BA-ZME050-080)	504035140	1	
Kit: 60864 (BA-ZME012-080)	605006250	3	

Recommended Sensor Recalibration - Recommended every Year

Description	Catalog Number	Contents
Kit: Recalibrate Hygrometer / CO Monitor if fitted		CO Monitor

Recommended Dryer Valve Service - Recommended every 2 Years

Description	Catalog Number	Contents
Kit: Valve Overhaul (ZME012-040) - Inlet	608330011	Valve Overhaul
Kit: Valve Overhaul (ZME012-040) - Outlets	608330003	Valve Overhaul
Kit: Valve Overhaul (ZME012-040) - Exhaust	608230012	Valve Overhaul
Kit: Valve Overhaul (ZME012-040) - Valve Overhaul	608330014	Valve Overhaul
Kit: Valve Overhaul (ZME050-080) - Inlet	608330004	Valve Overhaul
Kit: Valve Overhaul (ZME050-080) - Outlets	608330003	Valve Overhaul
Kit: Valve Overhaul (ZME050-080) - Exhaust	608230013	Valve Overhaul
Kit: Valve Overhaul (ZME050-080) - Valve Overhaul	608330015	Valve Overhaul

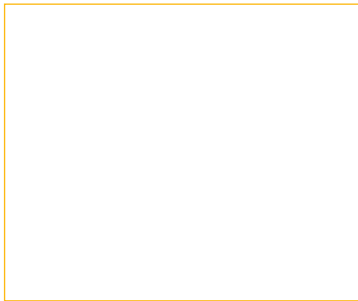
Recommended Dryer Desiccant Service - Recommended every Year

Description	Catalog Number	Qty
Dryfil AA	60-820-3661	Check table below
Kit: Column Seals (BA-ZME012-040)	608203733	1
Kit: Column Seals (BA-ZME050-080)	608330010	1

Quantity Recommended Table

Description	BA-ZME012-015	BA-ZME020-040	BA-ZME050	BA-ZME060	BA-ZME080
Dryfil AA	1	2	3	4	5





Breathing Air Purifier

BAM

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Preventative Maintenance

Recommended Silencer Service - Recommended every Year

Description	Catalog Number	Contents
Kit: Silencer Element	608250500	Silencer Element

Recommended Adsorption Element Service - Recommended every 3 months

Description	Catalog Number	Qty
Kit: BAH	608203852	Check table below

Recommended Coalescing Filter Service - Recommended every Year



Description	Catalog Number	Qty	Contents
Kit: K220AO (BAM102 - 105)	504025150	1	General Purpose Element
Kit: K220AA (BAM102 - 105)	504035150	1	High Efficiency Oil Removal Element
Kit: K430AO (BAM106 - 110)	504025170	1	General Purpose Element
Kit: K430AA (BAM106 - 110)	504035170	1	High Efficiency Oil Removal Element
Kit: 60864 (BAM102 - 110)	605006250	3	-

Recommended Sensor Recalibration - Recommended every Year

Description	Catalog Number	Contents
Kit: Recalibrate Hygrometer / CO Monitor if fitted	-	CO Monitor

Recommended Dryer Valve Service - Recommended every 2 Years

Description	Catalog Number	Contents
Kit: Valve Overhaul (BAM102 - 110) - Inlet	608250502	Valve Overhaul
Kit: Valve Overhaul (BAM102 - 110) - Outlets	608250503	Valve Overhaul
Kit: Valve Overhaul (BAM102 - 110) - Exhaust	608250504	Valve Overhaul
Kit: Valve Overhaul (BAM102 - 110) - Repressurization	608250506	Valve Overhaul
Kit: Valve Overhaul (BAM102 - 110) - Control	608250508	Valve Overhaul
Kit: Valve Overhaul (BAM102 - 110) - Valve Overhaul	608250511	Valve Overhaul

Recommended Dryer Desiccant Service - Recommended every Year

Description	Catalog Number	Qty
Dryfil AA	60-820-3661	Check table below
Kit: Column Seals Serial no up to 24396	608203740	1
Kit: Column Seals Serial no 24397	608250513	1

Quantity Recommended Table

Description	BAM102	BAM103	BAM104	BAM105	BAM106	BAM107	BAM108	BAM110
BAH Kit	2	2	3	3	4	4	5	6
Dryfil AA	4	6	8	10	12	14	16	20



Worldwide Filtration Manufacturing Locations

North America

Compressed Air Treatment Filtration & Separation/Balston

Haverhill, MA
978 858 0505
www.parker.com/balston

Finite Airtex Filtration Airtex/donnick hunter/Zander

Lancaster, NY
716 686 6400
www.parker.com/faf

Finite Airtex Filtration/Finite

Oxford, MI
248 628 6400
www.parker.com/finitefilter

Engine Filtration & Water Purification Racor

Modesto, CA
209 521 7860
www.parker.com/racor

Holly Springs, MS
662 252 2656
www.parker.com/racor

Beaufort, SC
843 846 3200
www.parker.com/racor

Racor – Village Marine Tec.

Gardena, CA
310 516 9911
desalination.parker.com

Parker Sea Recovery

Carson, CA
310 637 3400
www.searecovery.com

Hydraulic Filtration Hydraulic Filter

Metamora, OH
419 644 4311
www.parker.com/hydraulicfilter

Laval, QC Canada
450 629 9594
www.parkerfarr.com

Process Filtration donnick hunter Process Filtration

Oxnard, CA
805 604 3400
www.parker.com/processfiltration

Madison, WI
608 824 0500
www.scilog.com

Phoenixville, PA
610 933 1600
www.parker.com/processfiltration

Aerospace Filtration

Velcon Filtration
Colorado Springs, CO
719 531 5855
www.velcon.com

Europe

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Gateshead, England
+44 (0) 191 402 9000
www.parker.com/dhfn

Parker Gas Separations

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Hiross Zander

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Essen Business Unit
Essen, Germany
+49 2054 9340
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Engine Filtration & Water Purification Racor

Dewsbury, England
+44 (0) 1924 487 000
www.parker.com/rfde

Racor Research & Development

Stuttgart, Germany
+49 (0)711 7071 290-10
www.parker.com/rfde

Hydraulic Filtration

Hydraulic Filter
Arnhem, Holland
+31 26 3760376
www.parker.com/hfde

Ujala Operation

Ujala, Finland
+358 20 753 2500
www.parker.com/hfde

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Norfolk, England
+44 (0) 1842 763 299
www.parker.com/hfde

Parker Kittiwake

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www.kittiwake.com

Parker Procal

Peterborough, England
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www.kittiwake.com

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+44 (0) 191 410 5121
www.parker.com/processfiltration

Parker Twin Filter BV

Zaandam, Netherlands
+31(0)75 655 50 00
www.twinfilter.com

Asia Pacific

Australia

Castle Hill, Australia
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Shanghai, China
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Navi Mumbai, India
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Bangalore, India
+91 80 2783 6794
www.johnfowlerindia.com

Japan

Tokyo, Japan
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Osaka, Japan
+81 66 340 1600
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Hwaseon-City
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Jurong Town, Singapore
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Parker Comercio Ltda. Filtration Division

Sao Paulo, Brazil
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Miami, FL
305 470 8800
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Africa

Aeroporto Kempton Park, South Africa
+27 11 9610700
www.parker.com/africa



Parker Hannifin Corporation
Finite Airtex Filtration Division
4087 Walden Avenue
Lancaster, NY 14086
phone 716 686 6400
www.parker.com/faf

Sales Office

Ontario, Canada
T 906 693 3000 F 866 958 1306
Toll Free 1-888-342-2623