Breathable Compressed Air
EVOLUTION Filtration

Prevenatative Maintenance Guide

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding

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ENGINEERING YOUR SUCCESS.

Breathing Air Filters

BAF010 & BAF015

Service Intervals

Description of Service Required		Service recommended every:		
Component	**Operation**	**Week**	**3-month**	**12-month**
Complete Assembly	Check for air leaks.	✓		
Filtration	Check the pressure gauges during purging for excessive back pressure.		✓	
Filtration	Replace the adsorption filter media (1)	See Note (1)		
				✎
Filtration	Replace the coalescing filter elements and automatic drains			✎

(1) Unlike oil aerosol removal filters which are changed annually to guarantee compressed air quality, the lifetime of an oil vapour removal filter can be attributed to various factors and require more frequent changes. Factors affecting the lifetime of adsorption filters are:
Oil vapour concentration - *The higher the inlet concentration of oil vapour, the faster the activated carbon capacity will expire.*
Bulk oil - *Adsorption filters are designed to remove oil vapour and odours, not liquid oil or aerosols. Poorly maintained or non-existent pre-filtration will cause the OVR filter capacity to quickly expire.*
Temperature - *Oil vapour content increases proportionally to inlet temperature, reducing element life. Additionally, as temperature increases, the adsorption capacity decreases, again reducing element life.*
Relative Humidity or Dewpoint - *Wet air reduces the adsorptive capacity of the carbon.*
Compressor oil changes - *When compressor oil is changed, the new lubricant burns off "light ends" which increases the oil vapour content for hours or even weeks afterwards. This increase in oil vapour content is adsorbed by the OVR filter, significantly reducing its adsorptive life.*
ACS / AC element performance is based upon a maximum oil vapour inlet concentration of 0.018mg/m^3, with compressed air at 21^{o}C and a pressure dewpoint of -40^{o}C PDP.
These elements should be replaced upon detection of vapour, odour or taste.

Key:

✓	Check	✎	Replace

Preventative Maintenance Kits

Required every 12 months

Description	Contents
BAF-PMK 10-12	010AA 010AC (x4 Seals Capillary ring Auto drain
BAF-PMK 15-12	015AA 015AC Seals Auto drain

Breathing Air Filters

BAP015

Service Intervals

Description of Service Required		Service recommended every:				
Component	**Operation**	**Day**	**Week**	**3-month**	**6-month**	**12-month**
Complete Assembly	Check for air leaks.		✓			
Filtration	Check the pressure gauges during purging for excessive back pressure.			✓		
Filtration	Replace the adsorption filter elements (1)	See Note (1)				
						✓
Filtration	Replace the coalescing filter elements and automatic drains					✓

(1) Unlike oil aerosol removal filters which are changed annually to guarantee compressed air quality, the lifetime of an oil vapour removal filter can be attributed to various factors and require more frequent changes. Factors affecting the lifetime of adsorption filters are:
Oil vapour concentration - *The higher the inlet concentration of oil vapour, the faster the activated carbon capacity will expire.*
Bulk oil *- Adsorption filters are designed to remove oil vapour and odours, not liquid oil or aerosols. Poorly maintained or non-existent pre-filtration will cause the OVR filter capacity to quickly expire.*
Temperature *- Oil vapour content increases exponentially to inlet temperature, reducing element life. Additionally, as temperature increases, the adsorption capacity decreases, again reducing element life.*
Relative Humidity or Dewpoint - *Wet air reduces the adsorptive capacity of the carbon.*
Compressor oil changes *- When compressor oil is changed, the new lubricant burns off "light ends" which increases the oil vapour content for hours or even weeks afterwards. This increase in oil vapour content is adsorbed by the OVR filter, significantly reducing its adsorptive life.*
ACS / AC Element performance is based upon a maximum oil vapour inlet concentration of 0.018mg/m^3, with compressed air at 21^{o}c and a pressure dewpoint of -40^{o}c PDP.
These elements should be replaced upon detection of vapour, odour or taste.

Key:

✓	Check	✓	Replace

Preventative Maintenance Kits

Required every 12 months

Description	Contents
BAP-PMK15-12	015AA 015AC (x4) Seals Auto drain

Portable Breathing Air Purifier

BAS2010

Service Intervals

Description of Service Required		Service recommended every:		
Component	**Operation**	**Week**	**3-month**	**12-month**
Complete Assembly	Check for air leaks.	✓		
Filtration	Check the pressure gauges during purging for excessive back pressure.		✓	
Filtration	Replace the adsorption filter elements (1)	**See Note (1)**		
				✓
Filtration	Replace the coalescing filter elements and automatic drains			✓

(1) Unlike oil aerosol removal filters which are changed annually to guarantee compressed air quality, the lifetime of an oil vapour removal filter can be attributed to various factors and require more frequent changes. Factors affecting the lifetime of adsorption filters are:
Oil vapour concentration - *The higher the inlet concentration of oil vapour, the faster the activated carbon capacity will expire.*
Bulk oil *- Adsorption filters are designed to remove oil vapour and odours, not liquid oil or aerosols. Poorly maintained or non-existent pre-filtration will cause the OVR filter capacity to quickly expire.*
Temperature *- Oil vapour content increases exponentially to inlet temperature, reducing element life. Additionally, as temperature increases, the adsorption capacity decreases, again reducing element life.*
Relative Humidity or Dewpoint - *Wet air reduces the adsorptive capacity of the carbon.*
Compressor oil changes *- When compressor oil is changed, the new lubricant burns off "light ends" which increases the oil vapour content for hours or even weeks afterwards. This increase in oil vapour content is adsorbed by the OVR filter, significantly reducing its adsorptive life.*
ACS / AC Element performance is based upon a maximum oil vapour inlet concentration of 0.018mg/m^3, with compressed air at 21^{o}c and a pressure dewpoint of -40^{o}c PDP.
These elements should be replaced upon detection of vapour, odour or taste.

Key:

✓	Check	✓	Replace

Preventative Maintenance Kits

Required every 12 months

Description	Contents
BAS-PMK10-12	010AA 010AC (x4) Seals Auto drain

Portable Breathing Air Purifier

BAS3015 & BAS3015M

Service Intervals

Description of Service Required		Service recommended every:			
Component	**Operation**	**Week**	**3-month**	**12-month**	**18-month**
Complete Assembly	Check for air leaks.	✓			
Filtration	Check the pressure gauges during purging for excessive back pressure.		✓		
Filtration	Replace the adsorption filter elements (1)	See Note (1)			
				🔧	
Filtration	Replace the coalescing filter elements and automatic drains			🔧	
CO Monitor	Recalibrate the CO Monitor if fitted			🔧	
CO Monitor	Replace the electro-chemical sensor				🔧

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Oil vapour concentration - *The higher the inlet concentration of oil vapour, the faster the activated carbon capacity will expire.*
Bulk oil *- Adsorption filters are designed to remove oil vapour and odours, not liquid oil or aerosols. Poorly maintained or non-existent pre-filtration will cause the OVR filter capacity to quickly expire.*
Temperature *- Oil vapour content increases exponentially to inlet temperature, reducing element life. Additionally, as temperature increases, the adsorption capacity decreases, again reducing element life.*
Relative Humidity or Dewpoint - *Wet air reduces the adsorptive capacity of the carbon.*
Compressor oil changes *- When compressor oil is changed, the new lubricant burns off "light ends" which increases the oil vapour content for hours or even weeks afterwards. This increase in oil vapour content is adsorbed by the OVR filter, significantly reducing its adsorptive life.*
ACS / AC Element performance is based upon a maximum oil vapour inlet concentration of 0.018mg/m^3, with compressed air at 21^{o}c and a pressure dewpoint of -40^{o}c PDP.
These elements should be replaced upon detection of vapour, odour or taste.

Key:

✓	Check	🔧	Replace

Preventative Maintenance Kits

Required every 12 months

Description	Contents
BAS-PMK15-12	4 x Activated Carbon Elements
	2 x Auto Drain
	2 x Coalescing Elements

CO Monitor Recalibration (BAS-3015M only) - Required every 12 months

Refer to the BACO 200 User Guide for Calibration Procedure

Electro-chemical Sensor - Required every 18 months

Description	Catalogue Number	Contents	Order Qty
Kit: BAC Monitor Sensor	BACOCOANALYSER	Sensor	1

Refer to the BACO 200 User Guide for Sensor replacement procedure

Breathing Air Purifier

BAC 4015

Service Intervals

Description of Service Required		Service recommended every:			
Component	**Operation**	**Week**	**Monthly**	**3-month**	**12-month**
Complete Assembly	Check for air leaks.	✓			
Filtration	Check the pressure gauges during purging for excessive back pressure.			✓	
Filtration	Replace the adsorption filter elements - Activated Carbon (1) **Recommended Service**	**See Note (1)**			
			✓		🔧
Filtration	Replace the adsorption filter elements - Hopcolite (2) **Recommended Service**	**See Note (2)**			
			✓		🔧
Filtration	Replace the coalescing filter elements and automatic drains **Recommended Service**				🔧

(1) Unlike oil aerosol removal filters which are changed annually to guarantee compressed air quality, the lifetime of an oil vapour removal filter can be attributed to various factors and require more frequent changes. Factors affecting the lifetime of adsorption filters are:
Oil vapour concentration - *The higher the inlet concentration of oil vapour, the faster the activated carbon capacity will expire.*
Bulk oil *- Adsorption filters are designed to remove oil vapour and odours, not liquid oil or aerosols. Poorly maintained or non-existent pre-filtration will cause the OVR filter capacity to quickly expire.*
Temperature *- Oil vapour content increases exponentially to inlet temperature, reducing element life. Additionally, as temperature increases, the adsorption capacity decreases, again reducing element life.*
Relative Humidity or Dewpoint - *Wet air reduces the adsorptive capacity of the carbon.*
Compressor oil changes *- When compressor oil is changed, the new lubricant burns off "light ends" which increases the oil vapour content for hours or even weeks afterwards. This increase in oil vapour content is adsorbed by the OVR filter, significantly reducing its adsorptive life.*
ACS / AC Element performance is based upon a maximum oil vapour inlet concentration of 0.018mg/m^3, with compressed air at 21^{o}c and a pressure dewpoint of -40^{o}c PDP.
These elements should be replaced upon detection of vapour, odour or taste.

(2) Under normal operating conditions the HC cartridge should be replaced every 12 months. If an oil vapour incident occurs then we recommend that the AC and HC stages are replaced at the same time

Key:

✓	Check	🔧	Replace

Preventative Maintenance Kits

Recommended upon detection of vapour, odour or taste - Maximum of 12 months

Description	Catalogue No.	Contents	Order Qty
015AC	015AC	AC cartridge	1
015HC	015HC	HC cartridge	1

Recommended every 12 months

Description	Catalogue No.	Contents	Order Qty
Exhaust Silencer	608200337	1/2" Silencers	1

Note. One kit is required for each dryer.

Description	Catalogue No.	Contents	Order Qty
015AA	015AA	AA element	2
K003AA	K003AA	AA element	1

Description	Catalogue No.	Contents	Order Qty
EF1 Auto Drain Kit	601181060	Auto drain	2

Recommended every 36 months

Description	Catalogue Number	Contents
Kit: Valve Overhaul	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)

Inlet Valve Kit

Description	Catalogue Number	Contents
Kit: Inlet Valve	608233671	ISO 2 Control Valve Fixing screws

Outlet Valve Kit

Description	Catalogue Number	Contents
Kit: Outlet Valve	608233674	Check valves Valve seats and guides Circlips Associated seals

Exhaust Valve Kit

Description	Catalogue Number	Contents
Kit: Exhaust Valve DM012 - 040	608233677	2/2 Isolator valve Exhaust barrel nipple 90^{o} elbow 1/8" - 4mm swivel elbow

Control Valve Kit

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

Desiccant

Description	Catalogue Number	Contents
Kit: Desiccant AA	608203661	11 Litre Container of AA

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

Column Seal Kits

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

Note. One kit is required for each dryer.

Snowstorm Filler

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

Breathing Air Purifier

BA-DME012E - BA-DME080E

Service Intervals

Description of Service Required		Service recommended every:					
Component	**Operation**	**Day**	**Monthly**	**3-months**	**6-months**	**12-months**	**36-months**
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**					🔧	
Filtration	Replace the coalescing filters and service the auto-drains **Recommended Service**					🔧	
Filtration	Replace the adsorption filters - Activated Carbon (1) **Recommended Service**	**See Note (1)**					
			✓			🔧	
Filtration	Replace the adsorption filters - Hopcolite (2) **Recommended Service**	**See Note (2)**					
			✓			🔧	
Dryer	Replace / Calibrate dewpoint transmitter **Recommended Service**					🔧	
Dryer	Complete valve overhaul **Recommended Service**						🔧
Dryer	Replace the desiccant **Recommended Service**						🔧

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***Oil vapour concentration -** The higher the inlet concentration of oil vapour, the faster the activated carbon capacity will expire.*
***Bulk oil -** Adsorption filters are designed to remove oil vapour and odours, not liquid oil or aerosols. Poorly maintained or non-existent pre-filtration will cause the OVR filter capacity to quickly expire.*
***Temperature -** Oil vapour content increases proportionally to inlet temperature, reducing element life. Additionally, as temperature increases, the adsorption capacity decreases, again reducing element life.*
***Relative Humidity or Dewpoint -** Wet air reduces the adsorptive capacity of the carbon.*
***Compressor oil changes -** When compressor oil is changed, the new lubricant burns off "light ends" which increases the oil vapour content for hours or even weeks afterwards. This increase in oil vapour content is adsorbed by the OVR filter, significantly reducing its adsorptive life.*
ACS / AC element performance is based upon a maximum oil vapour inlet concentration of 0.018mg/m^3, with compressed air at 21^oC and a pressure dewpoint of -40^oC PDP.
These elements should be replaced upon detection of vapour, odour or taste.

***(2)** Under normal operating conditions the HC cartridge should be replaced every 12 months. If an oil vapour incident occurs then we recommend that the AC and HC stages are replaced at the same time.*

Key:

✓	Check	🔧	Replace

Preventative Maintenance Kits

Recommended every 12 months

Description	Catalogue No.	Contents	Order Qty
Exhaust Silencer	608330001	1/2" Silencers (x2)	1

Note. One kit is required for each dryer.

Adsorption Filters

Description	Catalogue No.	Contents	Order Qty
015AC ***(BA-DME012-E)***	015AC	AC cartridge	1
020AC ***(BA-DME015-E - 025-E)***	020AC	AC wrapped element	1
025AC ***(BA-DME030-E - 040-E)***	025DAC	AC cartridge	1
025AC ***(BA-DME050-E - 060-E)***	025EAC	AC wrapped element	1
030AC ***(BA-DME080-E)***	030AC	AC cartridge	1
015HC ***(BA-DME012-E)***	015HC	Hopcolite cartridge	1
025HC ***(BA-DME015-E - 030-E)***	025HC	Hopcolite cartridge	1
025HC ***(BA-DME040-E)***	025HC	Hopcolite cartridge	2
BAH Kit ***(BA-DME050-E - 060-E)***	605009772	7Kg Hopcolite 0.4Kg Activated Carbon.	1
BAH Kit ***(BA-DME080-E)***	605009772	7Kg Hopcolite 0.4Kg Activated Carbon.	2

Coalescing Filters

Description	Catalogue No.	Contents	Order Qty
015AO ***(BA-DME012-E)***	015AO	AO Element	1
015AA ***(BA-DME012-E)***	015AA	AA Element	2
015AO ***(BA-DME015-E - 025-E)***	015AO	AO Element	1
020AA ***(BA-DME015-E - 025-E)***	020AA	AA Element	1
025AA ***(BA-DME015-E - 025-E)***	025AA	AA Element	1
020AO ***(BA-DME030-E)***	020AO	AO Element	1
025AA ***(BA-DME030-E)***	025AA	AA Element	2
025AO ***(BA-DME040-E)***	025AO	AO Element	1
025AA ***(BA-DME040-E)***	025AA	AA Element	3
025AO ***(BA-DME050-E - 060-E)***	025AO	AO Element	2
025AA ***(BA-DME050-E - 060-E)***	025AA	AA Element	1
030AO ***(BA-DME060-E)***	030AO	AO Element	2
030AA ***(BA-DME060-E)***	030AA	AA Element	1

Description	Catalogue No.	Contents	Order Qty
Auto drain kit ***(BA-DME012-E - 080-E)***	601181060	Auto drain	1

Note. One drain is required for each coalescing filter.

Hygrometer

Description	Catalogue No.	Contents	Order Qty
Service Exchange Hygrometer	608203580	Hygrometer transmitter with: Fixed orifice and o-ring	1

Recommended every 36 months

Valves

Description	Catalogue No.	Contents	Order Qty
Valve Overhaul ***(BA-DME012-E - 040-E)***	608330014	N/O Inlet solenoid valves (x2)	1
		N/C Exhaust solenoid valves (x2)	
		Outlet check valves (x2)	
		Associated seals and fixings	

Note. We recommend a visual inspection of the solenoid valve membranes every 12months.

Description	Catalogue No.	Contents	Order Qty
Valve Overhaul ***(BA-DME050-E - 080-E)***	608330015	Inlet cylinder valves (x2)	1
		N/C Exhaust solenoid valves (x2)	
		N/C Exhaust solenoid valves (x2)	
		Outlet check valves (x2)	
		24V Control solenoid valve	
		Associated seals and fixings	

Note. We recommend a visual inspection of the solenoid valve membranes every 12months.

Deisccant

Description	Catalogue No.	Contents	Order Qty
Desiccant AA	608203661	11 Litre Container of AA	See Table

Note. The quantity of desiccant material required is dependent upon the model of dryer and the specified dewpoint as illustrated below.

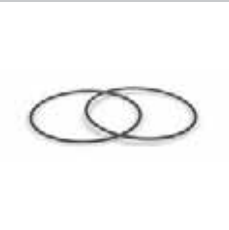
BA-DME012-E - 015-E	BA-DME020-E - 040-E	BA-DME050-E	BA-DME060-E	BA-DME080-E
x1	x2	x3	x4	x5

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

Column Seal Kits

Description	Catalogue No.	Contents	Order Qty
Column Seals ***(BA-DME012-E - 040-E)***	608203733	Moulded gaskets	1
		Support screens	
		Column pads	
		Fixing screws	

Note. One kit is required for each dryer.



Description	Catalogue No.	Contents	Order Qty
Column Seals ***(BA-DME050-E - 080-E)***	608330010	Column o-rings	1

Snowstorm Filler

Description	Catalogue No.	Contents	Order Qty
Snowstorm Filler ***(BA-DME012-E - 040-E)***	608200622	Maxi / Midi Snowstorm Filler	1
Snowstorm Filler ***(BA-DME050-E - 080-E)***	608201051	Jumbo Snowstorm Filler	1

Breathing Air Module

BAM10 - BAM70

Service Intervals

Description of Service Required		Recommended Interval:								
Component	**Operation**	**Every Day**	**Every Week**	**Every month**	**Every 3 months**	**Every 6 months**	**Every 12 months**	**Every 18 months**	**Every 24 months**	**Every 36 months**
MX Dryer	Check POWER ON indicator is illuminated.	✓								
MX Dryer	Check STATUS / FAULT indicators located on the controller.	✓								
System	Check for air leaks.		✓							
MX Dryer	Check the pressure gauges during purging for excessive back pressure.				✓					
MX Dryer	Check the condition of electrical supply cables and conduits.				✓					
MX Dryer	Check for cyclic operation.					✓				
MX Dryer	- Replace the active exhaust silencers **Recommended Service**						🔧			
Filtration	Replace the inlet, outlet and control air filters, and service drains. **Recommended Service**						🔧			
CO Safe	Replace the activated carbon cartridges (1) **Recommended Service**	**See Note (1)**								
				✓			🔧			
MX Dryer	Replace / Calibrate dewpoint transmitter (DDS Units only). **Recommended Service**						🔧			
CO Monitor	Calibrate the CO Monitor						↻			
CO Monitor	Replace the electrochemical sensor **Recommended Service**							🔧		
CO Safe	Replace the Catalyst cartridges (2) **Recommended Service**	**See Note (2)**								
									🔧	
MX Dryer	Replace the valve seats and seals. **Recommended Service**									🔧
MX Dryer	Replace the Desiccant. **Recommended Service**									🔧

(1) Unlike oil aerosol removal filters which are changed annually to guarantee compressed air quality, the lifetime of the activated carbon cartridges can be attributed to various factors and require more frequent changes. Factors affecting the lifetime of the cartridges are:
Oil vapour concentration - *The higher the inlet concentration of oil vapour, the faster the activated carbon capacity will expire.*
Bulk oil - *Adsorption filters are designed to remove oil vapour and odours, not liquid oil or aerosols. Poorly maintained or non-existent pre-filtration will cause the OVR filter capacity to quickly expire.*
Temperature - *Oil vapour content increases proportionally to inlet temperature, reducing element life. Additionally, as temperature increases, the adsorption capacity decreases, again reducing element life.*
Relative Humidity or Dewpoint - *Wet air reduces the adsorptive capacity of the carbon.*
Compressor oil changes - *When compressor oil is changed, the new lubricant burns off "light ends" which increases the oil vapour content for hours or even weeks afterwards. This increase in oil vapour content is adsorbed by the OVR filter, significantly reducing its adsorptive life.*
The cartridge performance is based upon a maximum oil vapour inlet concentration of 0.018mg/m^3, with compressed air at 21^{o}C and a pressure dewpoint of -40^{o}C PDP.

These cartridges should be replaced upon detection of vapour, odour or taste.

(2) *Under normal operating conditions the catalyst cartridges should be replaced every 24 months. If an oil vapour incident occurs then we recommend that the carbon and catalyst cartridges are replaced at the same time.*

Key:

✓	Check	↻	Process	🔧	Replace

Preventative Maintenance Kits

Recommended every 12 months

Description	Catalogue Number	Contents	Order Qty
Kit: Silencer Element	608620090	Silencer element	--

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

Description	BAM10	BAM20	BAM30	BAM40	BAM50	BAM70
Kit: Silencer Element	1	1	1	2	2	3

Description	Catalogue No.	Contents	Order Qty
045AO ***(BAM10 - 40)***	045AO	AO Element	1
045AA ***(BAM10 - 40)***	045AA	AA Element	1
045AR ***(BAM10 - 40)***	045AR	AR Element	1
050AO ***(BAM50)***	050AO	AO Element	1
050AA ***(BAM50)***	050AA	AA Element	1
050AR ***(BAM50)***	050AR	AR Element	1
055AO ***(BAM70)***	055AO	AO Element	1
055AA ***(BAM70)***	055AA	AA Element	1
055AR ***(BAM70)***	055AR	AR Element	1

Description	Catalogue Number	Contents	Order Qty
Kit: Service Exchange Hygrometer	608203580	Hygrometer transmitter Fixed orifice o-ring	1

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

Description	Catalogue Number	Contents	Order Qty
Kit: AC Cartridge ***(BAM10 / BAM20)***	CAT010ACK	AC Cartridge (x2) O-rings	1
Kit: AC Cartridge ***(BAM30 / BAM40)***	CAT020ACK	AC Cartridge (x4) O-rings	1
Kit: AC Cartridge ***(BAM50)***	CAT030ACK	AC Cartridge (x6) O-rings	1
Kit: AC Cartridge ***(BAM70)***	CAT040ACK	AC Cartridge (x8) O-rings	1

Recommended every 18 months

Description	Catalogue Number	Contents	Order Qty
Kit: BAC Monitor Sensor	BACOCOANALYSER	Sensor	1

Recommended every 24 month

Description	Catalogue Number	Contents	Order Qty
Kit: Catalyst Cartridge ***(BAM10 / BAM20)***	CAT010CK	Catalyst Cartridge (x2) O-rings	1
Kit: Catalyst Cartridge ***(BAM30 / BAM40)***	CAT020CK	Catalyst Cartridge (x4) O-rings	1
Kit: Catalyst Cartridge ***(BAM50)***	CAT030CK	Catalyst Cartridge (x6) O-rings	1
Kit: Catalyst Cartridge ***(BAM70)***	CAT040CK	Catalyst Cartridge (x8) O-rings	1

Recommended every 36 months

Description	Catalogue Number	Contents	Order Qty
Kit: Valve Overhaul Kit	608620091	Inlet Valve Kit (Catalogue No.608620093) Outlet Valve Kit (Catalogue No.608620094) Exhaust Valve Kit (Catalogue No.608620095) Control Valve Kit MXA/MXS (Catalogue No.608620096)	

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

Inlet Valve Kit

Description	Catalogue Number	Contents	Order Qty
Kit: Inlet Valve	608620093	Cylinder valves Associated o-rings Fixing screws	1

Outlet Valve Kit

Description	Catalogue Number	Contents	Order Qty
Kit: Outlet Valve	608620094	Valve spring assemblies Associated o-rings Fixing nuts and bolts	1

Exhaust Valve Kit

Description	Catalogue Number	Contents	Order Qty
Kit: Exhaust Valve	608620095	Cylinder valve Elbow fittings Associated o-rings Fixing screws	1

Control Valve Kit

Description	Catalogue Number	Contents	Order Qty
Kit: Control Valve	608620096	3-Bank solenoid valve 010AA filter element E009AA filter element Fixing screws	1

Description	Catalogue Number	Contents	Order Qty
Kit: Desiccant AA	608203661	11 Litre Container of AA	--
Kit: Desiccant MS	608203662	11 Litre Container of MS	

Note. The quantity of desiccant material required is dependent upon the size of the module.

Description	BAM10	BAM20	BAM30	BAM40	BAM50	BAM70
Kit: Desiccant AA (11.2 Ltr)	8	12	14	19	24	33
Kit: Desiccant MS (11.2 Ltr)	1	2	2	3	3	4

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

Column Seal Kits

Description	Catalogue Number	Contents	Order Qty
Kit: Column Seals	608620098	Column o-rings Outlet plate o-ring	1

Note. One kit is required for each dryer.

Snowstorm Filler

Description	Catalogue Number	Contents	Order Qty
Snowstorm Filler	608201051	Jumbo Snowstorm Filler	1

ELEMENTS

Parker filters are designed to produce clean compressed air, gas and liquid to the highest industry standards. To maintain impeccable results, Elements within the filter must be replaced annually.

Choosing the Parker brand means you can be assured that Elements are readily available, affordable and the most energy efficient product of its kind on the market. The elements are also supplied in 100% recyclable packaging. An additional advantage of purchasing Parker Elements is that you will reduce your company's carbon footprint by 190kg. This is the equivalent of a 700 mile flight from Edinburgh to Berlin!
Parker Filter Elements also prove to be highly efficient when used in any leading competitor's filters.

PARTS

Parker Kits make everyday maintenance easy. They are available for all of our products and are simply value-for money. The Parts within the kits support our customers' varied maintenance, repair and overhaul activities.

Additionally, Preventative Maintenance Kits can be purchased for dryers and gas generators. These kits mean our customers dryer's and generator's can be serviced easily to ensure optimum performance.
An extensive range of durable Parker Parts can be obtained within 24 hours to any European, Middle East or African destination.

SPECIALISED SERVICES

Parker Specialist Service Engineers test on-site efficiency measuring many variables including airflow, pressure, temperature, dewpoint and power consumption.

Our team of highly trained experts are the best in the industry. They take into account a range of environmental factors that could affect your system's performance. The results from this Specialist Service are extremely accurate and produce invaluable information.
Importantly, Parker informed recommendations lead to significant savings for our customers, which mean they return time and time again for our advice and products.

M.R.O

Maintenance Repair & Overhaul - Parker Technicians are the industry's finest. Their skills and qualifications are annually approved to keep their product and legislation knowledge fresh and expertise relevant.

With this in mind, Parker offers onsite and on demand servicing to meet customers' unique requirements in a timely and efficient manner.

Parker MRO service ranges from a basic maintenance check covered under product warranty right through to a comprehensive programme, which even puts the onsite application under the microscope.

With customers at the heart of everything Parker does, the MRO service is no exception to this.
Parker Filter Elements also prove to be highly efficient when used in any leading competitor's filters

SUPPORT SERVICES

Parker Support Services are the first port of call for customers in need of help or guidance.

The fact that this team is responsible for the production of User Guides and Manuals gives you an insight into the level and detail of their parts and product knowledge.

Over-the-phone support is just one way in which Parker's extremely knowledgeable team, quickly reduces downtime or resolves product queries.

On some occasions engineers need to be on site to carry out a repair. In these cases, the local engineer will be quickly dispatched to ensure our customers can return to production as soon as possible.
One-to-one training can also be provided by our Support Services team. This has enabled hundreds of Parker distributors to gain an in-depth understanding. Training will also ensure distributors can make timely repairs and easily maintain their customers' products.

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