



Compressed Air & Gas Treatment On-Site Gas Generation Process Cooling

An abstract background image featuring a complex 3D wireframe structure of interconnected cubes and lines, creating a sense of depth and geometric complexity. The structure is rendered in a light blue color against a darker blue background. The cubes are of various sizes and are arranged in a way that suggests a three-dimensional grid or a complex network of interconnected spaces. The overall effect is a futuristic and technical aesthetic.

B' NBA 030 to 6120
Parts Guide



BREATHING AIR PURIFIER SYSTEMS

NBA 030 to NBA 6120

B¹

Service Intervals for B¹ NBA 030 to 050

Daily Checks

- Check the unit for any signs of external damage.
- If the red service indicator is active, the unit must be serviced to ensure continued operation.
- Remove any loose dust or dirt from the unit, clean all surfaces that appear to have attracted unwanted contaminants.
- Ensure the unit is operating within the specification
- Always check all connections for any leaks.
- Ensure all loose parts are removed or secured to the unit before operation.

Service Intervals

Service	Time Period (Months)			
	12	24	36	48
A	✓	✓	✓	✓
B		✓		✓
C				✓
E*	✓	✓	✓	✓

*(ES models only)

Service A – Every 1 year (12 months)

- Replace external coalescing pre-filters elements (M1 and M01)
- Replace any external filter internal float drains
- Replace external exhaust silencer/muffler element
- Applicable to all models

Service B – Every 2 year (24 months)

- Replace mix bed desiccant cartridges
- Replace top manifold gasket seals
- Replace internal inlet and outlet ball valve & seals
- Applicable to all models

Service C – Every 4 year (48 months)

- Replace exhaust valves
- Applicable to all models

Service E – Every 1 year (12 months)

- Replace dew point sensor
- Applicable to ES models only





Service 'A' Details

Replace external coalescing pre-filters elements

External coalescing pre-filters may vary from one installation to another. Consult filter housing name plate for model of filter housing and of replacement filter element. For more information on filters, consult the NF or GFN filter parts guide.

Replace any external filter internal float drains

NF 0008 to 0050 filter housing	NDK 0050
GFN 0006 to 0050 filter housing	GFDK 0050

Replace external exhaust silencer/muffler element

Exhaust silencer kit NBA 030	ESK-030
Exhaust silencer kit NBA 040	ESK-040
Exhaust silencer kit NBA 050	ESK-050

Service 'B' Details

Replace desiccant cartridges, replace top manifold gasket seals and internal inlet and outlet ball valve and seals

All B1 NBA 030 to 050 service kits includes:

- (2) mix bed desiccant cartridges with outlet filtration
- (2) valve balls
- (6) o-rings
- (2) gasket seal

Kit for NBA 030	NBA SK 030
Kit for NBA 040	NBA SK 040
Kit for NBA 050	NBA SK 050

Service 'C' Details

Replace exhaust valves

Complete valve rebuild kit includes:

- (2) valves with diaphragm
- (2) 24 vdc coils

Kit for NBA 030 to 050	NVK 050-024
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Service 'E' Details (only if fitted with ES option)

Replace dew point sensor

ES option service kit	NSK 130
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BREATHING AIR PURIFIER SYSTEMS

NBA 030 to NBA 6120

B¹

Service Intervals for B¹ NBA 070 to 120

Daily Checks

- Check the unit for any signs of external damage.
- If the red service indicator is active, the unit must be serviced to ensure continued operation.
- Remove any loose dust or dirt from the unit, clean all surfaces that appear to have attracted unwanted contaminants.
- Ensure the unit is operating within the specification
- Always check all connections for any leaks.
- Ensure all loose parts are removed or secured to the unit before operation.

Service Intervals

Service	Time Period (Months)			
	12	24	36	48
A	✓	✓	✓	✓
B		✓		✓
C				✓
E*	✓	✓	✓	✓

*(ES models only)

Service A - Every 1 year (12 months)

- Replace external coalescing pre-filters elements (M1 and M01)
- Replace any external filter internal float drains
- Replace external exhaust silencer/muffler element
- Applicable to all models

Service B - Every 2 year (24 months)

- Replace mix bed desiccant cartridges
- Replace top manifold gasket seals
- Applicable to all models

Service C - Every 4 year (48 months)

- Replace exhaust valves
- Replace inlet valves
- Replace outlet valves
- Replace solenoid coils
- Applicable to all models

Service E - Every 1 year (12 months)

- Replace dew point sensor
- Applicable to ES models only





Service 'A' Details

Replace external coalescing prefilters elements

External coalescing pre-filters may vary from one installation to another. Consult filter housing name plate for model of filter housing and of replacement filter element. For more information on filters, consult the NF or GFN filter parts guide.

Replace any external filter internal float drains

NF 0008 to 0050 filter housing	NDK 0050
NF 0070 to 1500 filter housing	NDK 1500
GFN 0006 to 0050 filter housing	GFDK 0050
GFN 0070 to 1500 filter housing	GFDK 1500

Replace external exhaust silencer/muffler element

Exhaust silencer kit NBA 070 to 130 - Serial number up to 17-0000-01	ESK2 NDL
Exhaust silencer kit NBA 070 to 130 - Serial number 17-□-0000-001 and up	ESK-130

Service 'B' Details

Replace desiccant cartridges & replace top manifold gasket seals**All B¹ NBA 070 to 120 service kits includes:**

- (2) desiccant cartridges with outlet filtration
- (6) o-rings
- (2) gasket seal

Kit for NBA 070	NBA SK 070
Kit for NBA 090	NBA SK 090
Kit for NBA 110	NBA SK 110
Kit for NBA 120	NBA SK 120

Service 'C' Details

Replace exhaust valves, Replace inlet valves, Replace outlet valves**Complete valve rebuild kit includes:**

- (1) inlet valve kit
 - o (2) valves
 - o (2) coils when applicable
- (1) exhaust valve kit
 - o (2) valves
 - o (2) coils
- (1) outlet check valves kit

Kit for NBA 070 to 090 - Serial number up to 17-0000-01	NVK 090-024
Kit for NBA 070 to 090 - Serial number 17-□-0000-001 and up	NOKO-100-024
Kit for NDL 110 to 120 - Serial number up to 14-0569-02	NVK 130-024
Kit for NDL 110 to 120 - Serial number 14-0570-01 to 17-0000-01	NVK 131-024
Kit for NDL 110 to 120 - Serial number 17-□-0000-001 and up	NOKO-130-024

Replace pilot valve if fitted**Pilot valve kit includes:**

- (2) valves

Kit for NBA 070 to 090	Not Applicable
Kit for NBA 110 to 120 - Serial number up to 14-0569-02	PVK 130
Kit for NBA 110 to 120 - Serial number 14-0570-01 to 17-0000-01	PVK 131
Kit for NBA 110 to 120 - Serial number 17-□-0000-001 and up	Not Applicable

Service 'E' Details (only if fitted with ES option)

Replace dew point sensor

ES option service kit	NSK 130
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BREATHING AIR PURIFIER SYSTEMS

NBA 030 to NBA 6120

B¹

Service Intervals for B¹ NBA 2110 to 6120

Daily Checks

- Check the unit for any signs of external damage.
- If the red service indicator is active, the unit must be serviced to ensure continued operation.
- Remove any loose dust or dirt from the unit, clean all surfaces that appear to have attracted unwanted contaminants.
- Ensure the unit is operating within the specification
- Always check all connections for any leaks.
- Ensure all loose parts are removed or secured to the unit before operation.

Service Intervals

Service	Time Period (Months)			
	12	24	36	48
A	✓	✓	✓	✓
B		✓		✓
C				✓
E*	✓	✓	✓	✓

*(ES models only)

Service A – Every 1 year (12 months)

- Replace external coalescing pre-filters elements (M1 and M01)
- Replace any external filter internal float drains
- Replace external exhaust silencer/muffler element(s)
- Applicable to all models

Service B – Every 2 year (24 months)

- Replace mix bed desiccant cartridges
- Replace exhaust valves
- Replace inlet valves
- Replace outlet valves
- Replace top manifold gasket seals
- Applicable to all models

Service C – Every 4 year (48 months)

- Replace control valves
- Applicable to all models

Service E – Every 1 year (12 months)

- Replace dew point sensor
- Applicable to ES models only





Service 'A' Details

Replace external coalescing pre-filter element

External coalescing pre-filters may vary from one installation to another. Consult filter housing name plate for model of filter housing and of replacement filter element. For more information on filters, consult the NF or GFN filter parts guide.

Replace any external filter internal float drains

NF 0070 to 1500 filter housing	NFK 1500
GFN 0070 to 1500 filter housing	GFDK 1500

Replace external exhaust silencer/muffler elements

Exhaust silencer kit
For model number format 40-110-0#### ESK3 NDL

Exhaust silencer kit
For model number format 40-110-AOT-####-DXN

• NBA 2110 to NDL 3120	Qty 2, ESK 130
• NBA 4120 to NDL 6120	Qty 3, ESK 130

Service 'B' Details

Replace integrated filters, desiccant & top manifold gasket seals**All B¹ NBA 2110 to 6120 service kits includes:**

- Desiccant cartridges with outlet filtration
- Gasket seals

Kit for NBA 2110	(2) NBA SK 110
Kit for NBA 2120	(2) NBA SK 120
Kit for NBA 3120	(3) NBA SK 120
Kit for NBA 4120	(4) NBA SK 120
Kit for NBA 6120	(6) NBA SK 120

Replace inlet, exhaust and outlet valves

Inlet valve kit (2 valves)	NVK D32
Exhaust valve kit (2 valves)	NVK D32
Outlet valve kit (2 valves)	NVK D31

Service 'C' Details

Replace control valves

Control valve kit (4 valve block)	NVK 0100
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Service 'E' Details (only if fitted with ES option)

Replace dew point sensor

ES option service kit	NSK 130
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BREATHING AIR PURIFIER SYSTEMS

NBA 030 to NBA 6120

B¹

Service Intervals for CO Monitor for all B¹ NBA Models

Service	Operation
Monthly	Calibrate the CO or CO & O ₂ monitor

Monthly Service Details

Calibrate the CO or CO & O₂ monitor

To calibrate the CO or CO & CO₂ monitor, please follow procedure in the user guide. You will require calibration gases to perform the procedure.

Calibration kits*

US calibration kit, includes 17 liters cylinder of 20 ppm CO, 17 liters Zero Air, regulator, tubing and hard case	CO Cal KIT20-17L
US large calibration kit, includes 103 liters cylinder of 20 ppm CO, 103 liters Zero Air, regulator, tubing and hard case	CO Cal KIT20-103L
Canadian calibration kit, includes 17 liters cylinder of 10 ppm CO, 17 liters Zero Air, regulator and hard case	CO Cal KIT10-17L
Canadian large calibration kit, includes 103 liters cylinder of 10 ppm CO, 103 liters Zero Air, regulator, tubing and hard case	CO Cal KIT-103L

*No kits include bottles for the O₂ sensor calibration. Sold separately. Zero Air can replace O₂ calibration gas.

Replacement bottles

Zero Air, 17 liters calibration gas	BBG-00017
Zero Air, 103 liters calibration gas	BBG-00103
20 ppm CO (US), 17 liters calibration gas	BBG-20017
20 ppm CO (US), 103 liters calibration gas	BBG-20103
10 ppm CO (CAN), 17 liters calibration gas	BBG-10017
10 ppm CO (CAN), 103 liters calibration gas	BBG-00103
O ₂ , 17 liters calibration gas*	

*Note that Zero Air can replace O₂ calibration gas.





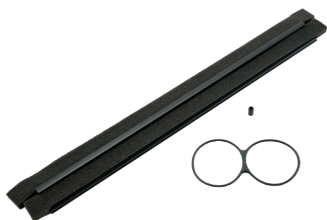
Kit Details and Individual Parts

Exhaust Silencer Kits NBA 030 to 050

ESK-030

ESK-040

ESK-050



Replacement Desiccant Kit NBA 030 to 050

NBA SK 030

NBA SK 040

NBA SK 050



Exhaust Silencer Kits NBA 070 to NBA 6120

ESK2 NDL

ESK-130

ESK3 NDL



Replacement Desiccant Kit NBA 070 to 6120

NBA SK 070

NBA SK 090

NBA SK 110

NBA SK 120



Replacement Exhaust Valve Kit NBA 030 to 050

NVK 050-024

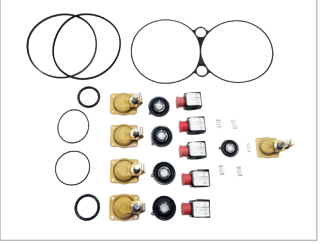


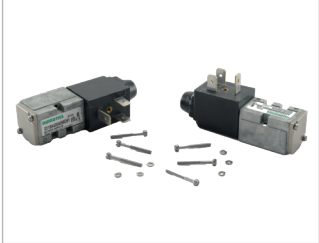
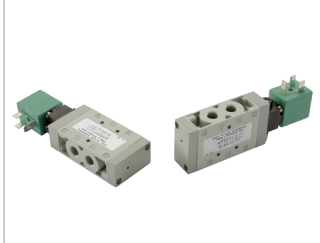


BREATHING AIR PURIFIER SYSTEMS

NBA 030 to NBA 6120

B¹

Complete Valve Rebuild Kit NBA 070 to 120	Serial Number
NVK 090-024, NBA 070 to 090	up to 17-0000-01
NOKO-100-024, NBA 070 to 090	17-□-0000-001 and up
NVK 130-024, NBA 110 to 120	up to 14-0569-02
NVK 131-024, NBA 110 to 120	from 14-0570-01 to 17-0000-01
NOKO-130-024, NBA 110 to 120	17-□-0000-001 and up
    	

Pilot Valve Kits NBA 110 to NBA 120	Serial Number
PVK 130, NBA 110 to 120	up to 14-0569-02
PVK 131, NBA 110 to 120	from 14-0570-01 to 17-0000-01
 	
Inlet or Exhaust Valve Kit NDL 2110 to 6120	
NVK D32	
Outlet Valve Kit NDL 2110 to 6120	
NVK D31	



Replacement Control Valves NBA 2110 to 6120

NVK 0100



Replacement Dew Point Sensor Kit

NSK 130



Calibration Kits

CO Cal KIT20-17L

CO Cal KIT10-17L



CO Cal KIT20-103L

CO Cal KIT10-103L



Calibration Gas Bottles

BBG-00017

BBG-10017

BBG-20017

BBG-O2



BBG-00103

BBG-10103

BBG-20103





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