



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

B¹ BAP 050 to 175
Parts Guide



BREATHING AIR PANELS

BAP 050 to BAP 175

B¹

Service Intervals for B¹ BAP

Daily Checks

- Check the breathing air case for any signs of damage.
- Remove any loose dust or dirt from the unit, clean all surfaces that appear to have attracted unwanted contaminants.
- Ensure the breathing air case 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.
- Replace 9 volts battery when the amber “Low Battery” light illuminates.

Service Intervals

Service	Operation
Monthly	Calibrate the CO or CO & O ₂ monitor
1000 hours	Replace activated carbon filter element
8000 hours or 12 months	Replace M01 filter element
	Replace float drains in M01 filter housing and WS water separator
	Test pressure relief valve if equipped
	Ensure pre-treatment system is maintained accordingly
3 years	Replace pressure relief valve if equipped



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.

1000 Hours Service Details

Replace activated carbon filter element

Identify what filter housings are equipped on the BAC. The information is available on the filter housing nameplate.

On NF style filter packages:

BAP 050	E 0050 AC
BAP 100	E 0135 AC
BAP 175	E 0175 AC

On GFN or GF style filter packages:

BAP 050	GE 0050 AC
BAP 100 and BAP 175	GE 0175 AC

8000 Hours or 12 Months Service Details

Replace filter element and drains

Identify what filter housings are equipped on the BAC. The information is available on the filter housing nameplate.

On NF style filter packages:

BAP 050	E 0050 M01
BAP 100	E 0135 M01
BAP 175	E 0175 M01
BAP 050 Drains	Qty 2, NDK 0050
BAP 100 and BAP 175 Drains	Qty 2, NDK 1500

On GFN or GF style filter packages:

BAP 050	GE 0050 M01
BAP 100 and BAP 175	GE 0175 M01
BAP 050 Drains	Qty 2, GFDK 0050
BAP 100 and BAP 175 Drains	Qty 2, GFDK 1500

3 Year Service Details

Replace pressure relief valve if equipped

Pressure relief valve	VR4125BR
-----------------------	----------



BREATHING AIR PANELS

BAP 050 to BAP 175

B¹

Kit Details and Individual Parts

Filter Elements For NF Housing

E 0050 M01	BAP 050
E 0135 M01	BAP 100
E 0175 M01	BAP 175



Filter Elements For GFN or GF Housing

GE 0050 M01	BAP 050
GE 0175 M01	BAP 100 and BAP 175



Drain Service Kit

NDK 0050	BAP 050, NF Style
----------	-------------------



NDK 1500

BAP 100 and BAP 175, NF Style



GFDK 0050

BAP 050, GFN or GF Style



GFDK 1500

BAP 100 and BAP 175, GFN or GF Style



Calibration Kits

CO Cal KIT20-17L

CO Cal KIT10-17L





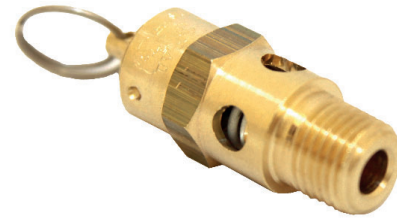
CO Cal KIT20-103L

CO Cal KIT10-103L



Pressure Relief Valve

VR4125BR



Calibration Gas Bottles

BBG-00017

BBG-10017

BBG-20017

BBG-O2



BBG-00103

BBG-10103

BBG-20103





Headquarters

United States

Charlotte, North Carolina

Phone: +1 704 897 2182

Email: support@airandgassolutions.com

United States

Maryville, Tennessee

Phone: +1 704 897 2182

Email: support@airandgassolutions.com

Canada

St. Catharines, Ontario,

Phone: +1 905 684 6266

Email: canadasupport@airandgassolutions.com

United Kingdom

Gateshead, United Kingdom

Phone: +44 (0) 191 497 7700

Email: sales_uk@nano-purification.com

Germany

Maastrichter Str. 12, 41812 Erkelenz, Germany

Phone: +49 (0) 2431 9550 600

Email: sales_de@nano-purification.com

Singapore

Singapore,

Phone: +65 6748 7988

Email: sales.asia@nano-purification.com



Experience. Customer. Service.

www.nano-purification.com