

Operations Manual

Breathing Air Filter



WARNING



Read and understand operator's manual before using this machine.

Failure to follow operating instructions could result in injury or damage to equipment

If you need to have your Air Filter serviced, contact Blastline



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1. Application

The BLASTLINE Air Filters are designed to remove mist, oil, water vapor and other contaminants down to 0.5micron in size from the breathing air supplied from a compressed air source.



WARNING

THESE FILTER CARTRIDGES DO NOT REMOVE CARBON MONOXIDE (CO) OR ANY OTHER TOXIC GASES. FOR TOTAL OSHA 1910.134 COMPLIANCE, THE SYSTEM REQUIRES AN APPROVED BREATHING AIR COMPRESSOR AND A NIOSH APPROVED AIR-FED HELMET AND A CARBON MONOXIDE (CO) MONITORING AND/OR REMOVAL SYSTEM.

2. Operation

2.1 Requirements for safe operation

Compressed Grade D quality breathing air

2.2 Description of operation

- Connect an air hose from the air supply to the inlet ports on the side of the unit.
- Connect the air-fed helmet with an air hose.
- Supply air to the filter and adjust the pressure regulator as needed for optimal comfort.

3. Maintenance

3.1 Draining

- Drain the moisture from the unit after every 4 hours of operation by using the petcock valve located at the bottom of the unit.
- Drain more frequently in humid environments.

3.2 Filter Cartridge Replacement

The filter cartridge should be inspected weekly or more often depending on usage and the conditions of the particular air system in which the filter is installed. The filter cartridge should be replaced every three months based on a standard 40 hour week

However, the filter cartridge should be replaced immediately if the following signs are noticed:

- Contamination or visible discoloration of any of the filter cartridge (visible only when the filter is disassembled).
- The presence of objectionable odour(s) and/or taste in the air being supplied to the supplied air respirator
- The presence of moisture at the outlet fittings.
- There is a large pressure drop in the system even though the compressor and other components appear to be operating correctly.

3.3 REPLACING THE CARTRIDGES

1. Shut off the air supply to the unit and drain all the air in the body.
2. Remove the bolts from the lid and separate lid from the body.
3. Remove cartridge from the body and dispose in the appropriate disposal area.
4. Clean inside of filter body to remove any contaminants.
5. Insert a new filter cartridge. Replace lid and tighten bolts diagonally to prevent distortion of the lid plate.
6. Record the data on the sticker supplied with the Filter Cartridge and attach this to the side of the filter body.
7. If conditions have not improved, DO NOT USE the filter unit until appropriate corrective measures have been taken.
8. If you have any questions concerning the use of this air filter cartridge and the air filter, or you are not sure the atmosphere you are working in is immediately dangerous to your life or health, ask your supervisor. All instructions for the use and care of this product must be supplied to users by their employer as recommended by the manufacturer.