



Installation instructions for Single-User Breathable Air System

! WARNING!!!



21999-0980

Installation Instructions

- Read supplied CO monitor manual.
- Send in warranty registration for CO monitor
- Mount panel to wall using appropriate hardware.
- Connect inlet from the compressed air system.
- Wire in the wall pack adaptor to the CO Monitor. (a skilled electrician should be used with any electrical procedure)
- Set respirator to respective manufacture’s specifications.
- Note: Inlet and Outlet Air locations specified below. Outlet air is for breathing equipment only.
- Verify monitor is on when in use and system under pressure; Alarm will sound if no pressure is present.



- Failure to understand and follow the warnings and instructions may cause Injury or Death.
- Failure to read and understand all warning and instructions on the products you are using (paints, solvents, epoxy resins, pesticides, etc.) may cause Injury, Disease, or Death.
- Not for use with petroleum based powered air compressors.
- All maintenance and operational instructions must be followed. Failure to follow these instructions may result in injury or loss of life.
- All instructions for the carbon monoxide (CO) monitor must be followed exactly.
- Do not attempt to use the respirator without reading and understanding the instructions of the product.
- Never wear supplied air respirators in any atmosphere that may contain levels of contamination which are unknown or may be Immediately Dangerous to Life or Health (IDLH).
- You must use a supplied air respirator that adheres to the guidelines set by the American National Standard Practices for Respiratory Protection Z88.2.
- You must use a supplied air respirator that adheres to the statutes set forth by your federal, state, and local Occupational Safety and Health organizations.
- This breathing air system reduces but does not eliminate your exposure to inhaled chemicals or contaminants. It Does Not provide total protection.
- If you have ever experienced breathing complications while around or after exposure to paint, isocyanates, solvents, etc. DO NOT USE this breathing air system.
- If you are sensitized to paint, isocyanates, solvents, etc., DO NOT USE this breathing air system, it WILL NOT protect you.
- DO NOT USE this product if you cannot understand the warnings or instructions contained within this manual.
- If these warnings and instructions lead you to believe that you should not use this breathing air system or that it will not protect you, DO NOT USE IT, regardless of any instructions or statements from another source such as an employer, a parts supplier, product manufacturer, etc., that indicate you will be protected.
- YOU ARE SOLELY RESPONSIBLE for any injury, disease, damage, or death caused by failure to follow these warnings and instructions.
- Do not use filtered air from panel to run air tools or spray guns.

Figure #1: Water Separator



Figure #2: Oil Coalescer Filter



Figure #3: Activated Carbon



Service Part Number Guide

	Water Separator Kit	Oil Coalescer Filter Kit	5 Pack Coalescer Elements	Activated Carbon Kit	5 Pack Activated Carbon Elements	3 Pack Float Drain
20 Series	21999-0846	21999-0394	21999-0823	21999-0395	21999-0824	21999-0868

Warning

Your safety is important. System pressure must be released prior to any installation or service. Failure to follow instructions could result in operating failure or product damage. Always install filtration with the arrows indicating the direction of airflow. Use only appropriate thread sealant on all connection fittings unless otherwise specified. Do not alter the filtration from its original design as this may cause failure in its operation parameters. Always wear eye protection when working on compressed air systems. Use appropriate thread sealant on all fittings unless otherwise specified.

Service Requirements

IMPORTANT: The following maintenance schedule is recommended for all Tsunami Filters and Filtration Packages.

Oil Coalescing Filter - Mandatory Every 6 Months

Activated Carbon - Mandatory Every 6 Months

Water Separator - Zero Maintenance Required. Clean as needed

Carbon Monoxide Monitor Calibration—Every Month

Calibration Kit for CO Monitor is: **21999-0264**

Important: Calibration procedures should be followed as detailed in the GFG owners manual.

Water Separator Maintenance

Release system pressure.

Remove tube from filter head by holding filter head and turning the tube counter-clockwise.

Using a 5/16" wrench, remove the baffle from threaded rod below the element.

Remove bottom baffle, filter element, and O-ring.

Clean stainless steel mesh with soapy water or replace entire element with service kit. Refer to Service Chart shown above.

Replace filter element and hardware in reverse order from previous steps. Tighten baffle until filter element can no longer spin freely. **DO NOT OVER TIGHTEN!**

Reinstall outer tube by rotating clockwise onto filter head.

Slowly pressurize the unit.

Oil Coalescer / Activated Carbon Maintenance

Release system pressure.

Remove tube from filter head by holding filter head and turning the tube counter-clockwise.

Using a 5/16" wrench, remove the baffle from threaded rod below the element.

Remove bottom baffle, filter element, element gaskets, top adaptor, and O-ring.

Replace filter element and hardware in reverse order from previous steps. Tighten baffle until filter element can no longer spin freely. **DO NOT OVER TIGHTEN!**

Reinstall outer tube by turning clockwise onto filter head.

Slowly pressurize the unit.

Float Drain Replacement Instructions

Release system pressure.

Remove bottom cap by holding filter tube and turn bottom cap counter-clockwise.

Grasp the float drain by stem and turn counter-clockwise.

Reinstall new float drain by turning clockwise direction until O-ring contacts the end cap. Tighten an additional 1/4 turn. **DO NOT OVER TIGHTEN!**

Reinstall end cap on filter tube.

Slowly pressurize system.