



# Installation & Maintenance Manual

**FP 2000-SB**

**FP 3000-SB**

**FP 4000-R**

*Base*

*Base*

*Base*

## APPLICATIONS

- |                 |                 |              |
|-----------------|-----------------|--------------|
| 1) Diesel Fuels | 2) Gasoline     | 3) Jet Fuels |
| 4) Avgas        | 5) Burner Fuels |              |



## INSTALLATION

- Unit must be mounted vertically.
- Unit must be securely mounted.
- All plumbing must be compatible to ensure proper flow
- Unit **MUST** be filled with fuel and **ALL** air purged prior to start-up.
- When installed on pressure side of system, unit may be purged at any time.
- When installed on the vacuum side of system, flow must be stopped prior to purging to prevent air from being pulled into the system.

## RECOMMENDED ACCESSORIES

- |                        |                           |
|------------------------|---------------------------|
| 1) Flow meter          | 2) Pressure release valve |
| 3) Flow shut-off valve | 4) Contamination sensor   |

## MAINTENANCE

Note:

- I. The liquid purged from the Purifier is a hazardous waste and must be disposed of in accord with local ordinance.
- II. It is not necessary to drain the entire unit.
  - A. Only contaminants should be removed.
  - B. Purging is complete when only clean fuel is observed draining from the Purifier.
- III. Purging
  - A. Purging is complete when only clean fuel is observed draining from the Purifier.
    1. Open drain valve located at the bottom of the RCI Purifier. Purge or drain contaminants until clean fuel is observed.
    2. Close drain valve.
    3. Press air purge valve located on the top of the RCI unit. Hold valve open until all AIR has been evacuated and fuel squirts from the valve.
    4. Unit is ready to resume operation.
  - B. Purifier operating on the suction side of fuel system.
    1. Open drain valve located at the bottom of the RCI Purifier. Purge or drain contaminants until clean fuel is observed.
    2. Close drain valve.
      - a. If unit is equipped with a check valve located at the intake coupling:
        - 1) Shut down system, open fill plug at top of RCI Purifier and top off fuel level in unit.
        - 2) Unit is ready to resume operation.
      - b. If unit is equipped with a fuel shut off valve.
        - 1) Shut off fuel flow to RCI Purifier.
        - 2) Shut down system, open fill plug at top of RCI Purifier and top off fuel level in unit.
        - 3) Unit is ready to resume operation.
      - c. If no shut off or check valve is provided.
        - 1) Shut down system, open fill plug at top of RCI Purifier and top off fuel level in unit.
        - 2) Restart system and run for a minute or so.
        - 3) Shut down and repeat step c-1 above to insure RCI Purifier remains full.
        - 4) Unit is ready to resume operation.

FOR MORE INFORMATION CALL:

**(800) 868-2088**

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