

# **G-TEC** Natural Gas Systems

## Instructions for Filter-Drier / Backflow Check Valve Replacement Model FM-180 (Refueler 180)

**TURN OFF GAS AND UNPLUG ELECTRICAL POWER.  
REMOVE COVER TO ACCESS THE INSIDE OF THE UNIT.**

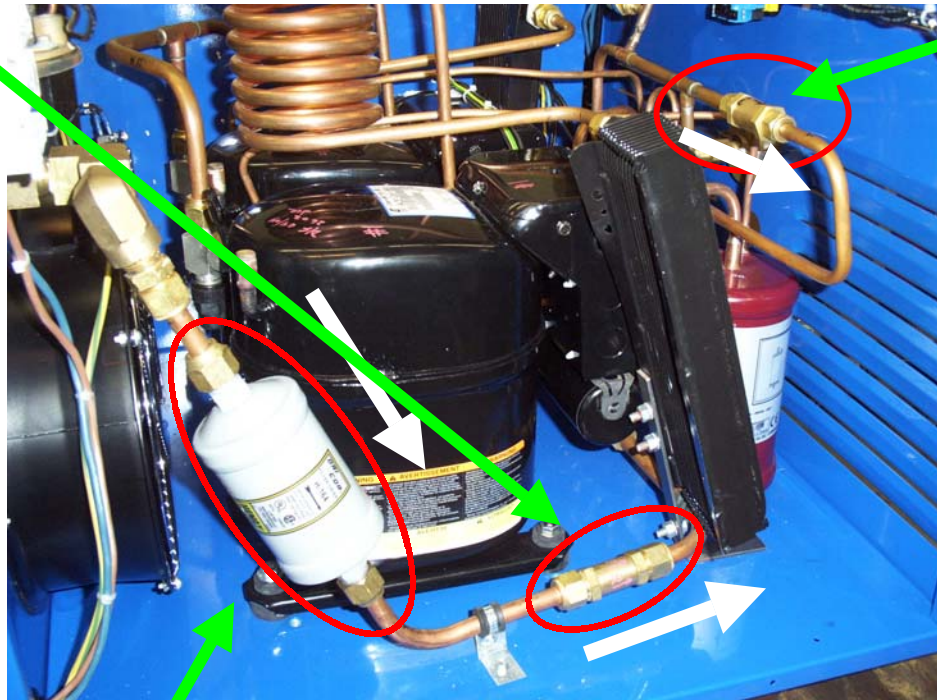
1. Replace components (see picture below)

*Back of Unit*

*Front of Unit*

### **1/3 psi Backflow Check Valve:**

- Note direction of arrow (down) on the existing check valve.
- Loosen nuts with 7/8" wrench while holding body of valve with 7/8" wrench.
- Pull valve body from tubing and replace with new valve.
- Retighten nuts while holding body of valve with 7/8" wrench.



### **1 psi Backflow Check Valve:**

- Note direction of arrow on the existing check valve.
- Loosen flare nuts with 11/16" wrench while holding body of valve with 7/8" wrench.
- Pull valve body from tubing and replace with new valve.
- Retighten nuts while holding body of valve with 7/8" wrench.

### **Filter Drier**

- Remove new filter-drier from its box and note direction of flow arrow.
- Remove the 2 nuts on old filter-drier using 11/16" wrench on filter-drier and crescent wrench on the flare nuts.
- Pull the tubing out of filter-drier and remove old filter-drier from the machine.
- Place new filter in machine (make sure the arrow points toward the front of the unit).
- Place tubing flares onto filter-drier ends and tighten nuts.

2. Plug in machine, turn on gas and start the unit.
3. Check for leaks with soapy water and smell for "gas".
4. If it is leaking, unplug electricity, retighten nuts and recheck for leaks. Repeat until leaks are corrected.

If no leaks, replace cover. Unit is now ok to use.