

## **Installation:**

- 1.) Install a valve or plug into the ¼” NPT drain port on the bottom of filter dryer housing (Skip step 1 if the Filter Dryer is purchased with optional fitting installed).
- 2.) Filter Dryer should be installed in vertical position only using the mounting bracket affixed to the top of the filter dryer.
- 3.) Attach supply line into the inlet port on the filter dryer housing.
- 4.) Attach outgoing line to the outlet port on the filter dryer housing
- 5.) Open the supply line slowly to pressurize the filter dryer slowly. Check all fittings (drain, inlet, and outlet) for leaks.

**(Recommended: Unasco High Density Yellow Gas Seal 100% virgin Teflon® tape for all fittings.)**



## **Maintenance:**

Contamination of source gas is the determining factor of maintenance but at a minimum annual maintenance is recommended. (If optional by-pass is available activate by-pass and skip to step 2)

- 1.) Close the supply valve and shutdown any necessary instrumentation downstream of unit.
- 2.) Open drain port on filter dryer to purge pressure. Depressurize slowly.
- 3.) Remove the filter dryer body from top cap by unscrewing body.
- 4.) Replace o-ring in top cap (OEM o-ring recommended). Replacement o-ring should be greased before installation.
- 5.) Remove filter-cartridge by unscrewing from top cap. Replace with a new filter-cartridge.
- 6.) Re-assemble filter dryer and close drain port. **MAKE SURE END CAPS ARE FULLY TIGHTENED BEFORE RE-PRESSURIZING FILTER SYSTEM.** When supply source is re-opened check all fittings for leaks.

**Parts List:**

Description	Part Number	
	FD-4	FD-5
Complete Unit	WFD719-4	WFD719-5
Silica Cartridge	WFD719-4-4a	WFD719-5-5a
Charcoal Cartridge	WFD719-4-4b	WFD719-5-5b
Housing	WFD719-4-1	WFD719-5-1
Bottom Cap	WFD719-4-2	WFD719-4-2
Top Cap	WFD719-4-3	WFD719-4-3
Top Gasket	<b>WFD719-4-2</b>	<b>WFD719-4-2</b>
Bottom Gasket		
Complete Unit	<b>FD-3</b>	<b>FD-19</b>
Silica Cartridge	WFD719-3	WFD719-19
Charcoal Cartridge	WFD719-3-3a	WFD719-19-19a
Housing	WFD719-3-3b	WFD719-19-19a
Bottom Cap	WFD719-3-1	WFD719-19a-1
Top Cap	WFD719-4-3	n/a
Top Gasket	<b>WFD719-4-2</b>	
Bottom Gasket		n/a

The company will not be responsible for any expenses incurred in installation, removal from service, transportation cost, or for damages of any type whatsoever, including incidental or consequential damages.

Since we cannot anticipate or control the conditions under which our products may be used, we accept no responsibility for the safety and suitability of our products when used alone or in combination with other products. Tests for safety and suitability of the products should be done by the user. Filter Dryers are not guaranteed against damage caused by corrosion.



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**IMAC Filter Dryers**  
**Model FD-5 / FD-4 / FD-3 / FD-19**  
**Installation, Operation, & Maintenance Manual**



**\*\*Caution: Read and follow all instructions contained in this manual before installing, operating and maintaining equipment. Failure to do so could void warranty, damage equipment or cause severe injury/death. \*\***