



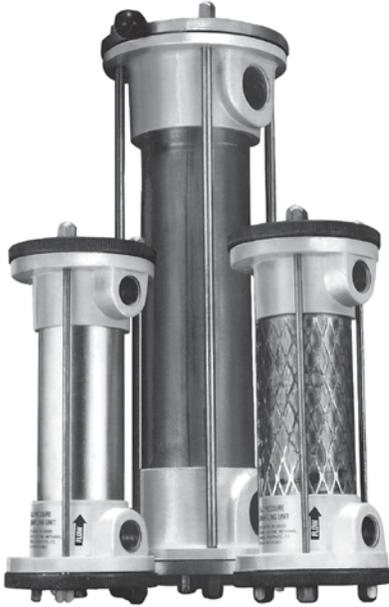
IMAC Systems, Inc.  
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## Installation & Maintenance Instructions and Parts List for



# FLO-DRI FILTERS



### FILTER MAINTENANCE INSTRUCTIONS

The following simple maintenance procedures will ensure maximum FLO-DRI filtering efficiency plus longer filter life.

FLO-DRI cartridges should be examined frequently until a pattern of usage is established.

Replace cartridges every 30 days or when the cartridge appears to be contaminated. Failure to replace cartridges in an expedient fashion may result in excessive pressure drop and the possibility of contaminant carry over.

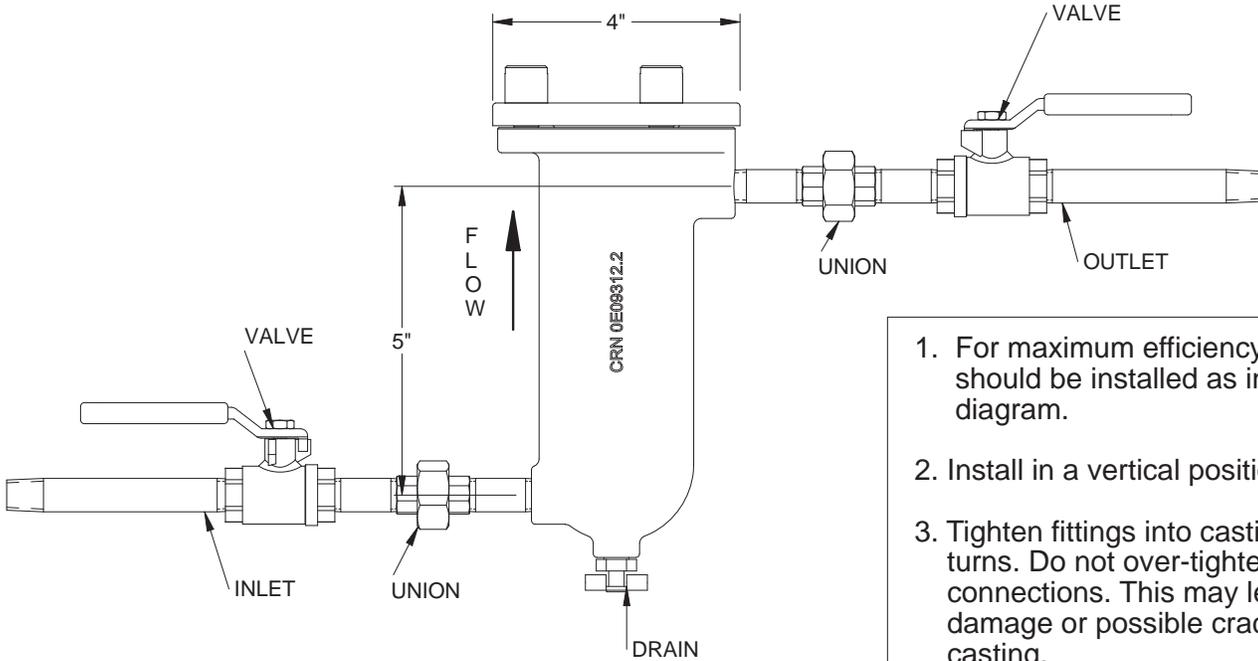
Do not subject the unit to vapours or liquids from synthetic solvents, acetone, methanol, esters, lacquer thinners, phosphates, etc.

### TO CHANGE FLO-DRI CARTRIDGES

1. Close all isolation valves (inlet and outlet) to FLO-DRI filter.
2. To vent filter, open drain cock. Make certain filter is **COMPLETELY VENTED** and under **NO** pressure prior to removing the top cap.
3. To remove the end cap: depress, turn counter clockwise and pull out. **DO NOT LOOSEN CASTLE NUTS.**
4. Inspect filter media. Replace when completely saturated, or earlier. **DANGER! DO NOT REUSE CONTAMINATED MEDIA.**
5. Insert new FLO-DRI cartridges (sewn end down) into the filter unit.
6. Reverse steps 1, 2 and 3 in order to return FLO-DRI to service. **IT IS ESSENTIAL TO POSITIVELY CONFIRM CLOSURE OF TOP CAP PRIOR TO RE-PRESSURIZING SYSTEM.**

# FLO-DRI FILTER

## INSTALLATION INSTRUCTIONS



1. For maximum efficiency, FLO-DRI unit should be installed as indicated in diagram.
2. Install in a vertical position only.
3. Tighten fittings into casting 5.5 to 6.0 turns. Do not over-tighten threaded connections. This may lead to thread damage or possible cracking of the casting.
4. Flow direction as indicated only.
5. Installation of drain leg is highly recommended.

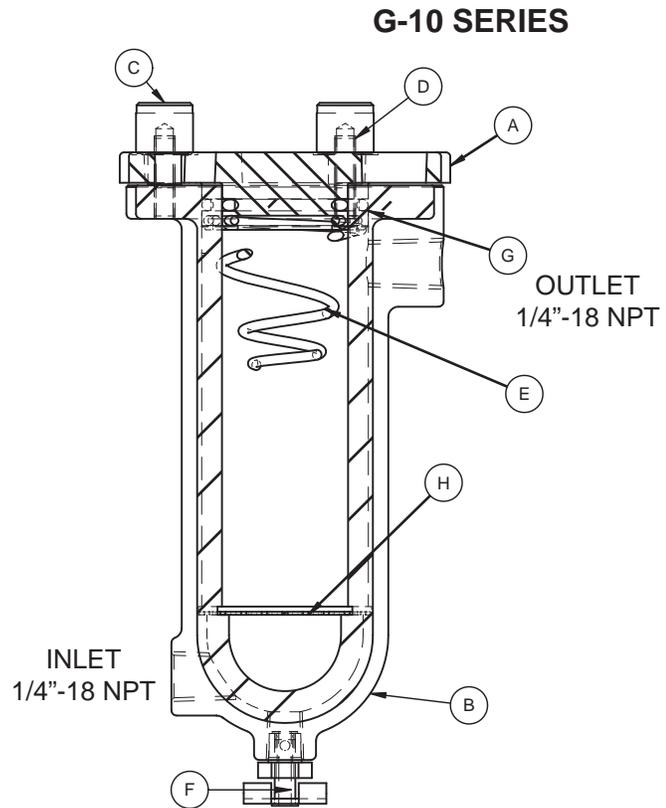
# PARTS LISTS

TYPES OF CARTRIDGE MEDIA				TO ORDER, SPECIFY:				
AA – MOISTURE				1. MODEL NUMBER				
AC – OIL AND ODOR				2. CARTRIDGE REPLACEMENT NUMBER				
MS – CONTAMINATION REMOVAL				FOR EXAMPLE: 10AA OR 25XX, ETC.				
XX – H <sub>2</sub> S REMOVAL								
Model No.	Working PSIG	No. of Cartridges	Overall Length	Overall Diameter	Port to Port	Pipe Size NPT	Replacement Cartridge No.	Bed Volume Cubic Inch
G-10	150	1	7 1/3"	4"	5"	1/4"	10	12.56
G-25	250	2	12 7/8"	5"	8 1/8"	3/4"	25	30.78
G-60	250	3	18"	6 1/4"	12"	1"	60-2	84.47
G-100	250	4	23 1/2"	7"	12 1/2"	1 1/2"	100-3	199.06
G-150	250	2	25 1/4"	9 1/2"	17 5/8"	2"	150-4	376.52

U.S. Patent No.s 4177049 & 3186148. Other patents pending.

The table below refers to the diagram on the right

ITEM	NO. REQ.	PART NO.	DESCRIPTION
A	1	10252	END CAP, 10 SERIES CAST/MACHINED
B	1	10251	BODY, 10 SERIES CAST/MACHINED
C	3	10253	CASTLE NUT, 10 SERIES
D	3	10254	STUD, STEEL, 10 SERIES
E	1	10255	SPRING, 10 SERIES, SST
F	1	10345	DRAIN COCK, ASSEMBLY, 1/8 NPT
G	1	10256	O-RING, END CAP, 10 SERIES
H	1	10257	PERFORATED DISC, 10 SERIES, CONCAVE





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# FLO-DRI FILTERS



ISO 9001:2000  
Registered QMS  
Cert - 0027862

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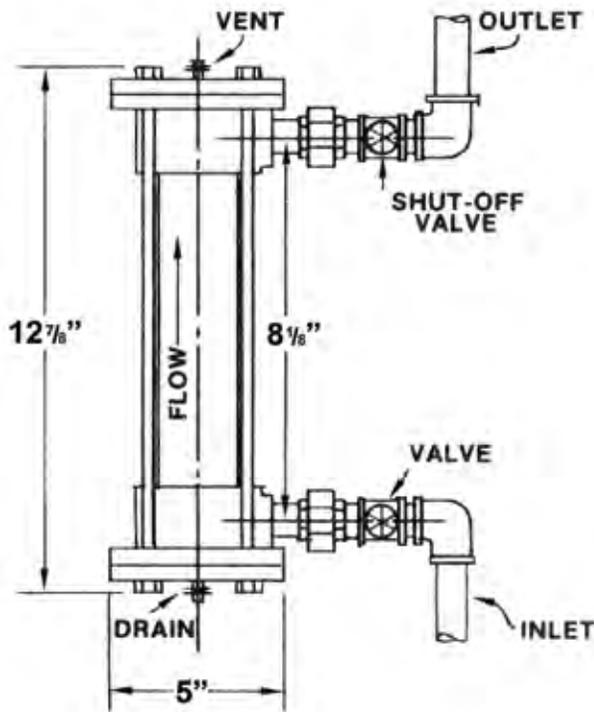
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Item	Description	Part Number
1a	Aluminum Barrel	10279
1b	Plastic Barrel	10280
1b	Acrylic Barrel Guard 25 Series Zinc Plate	10281
2	Body	10277
3	Tie Rod	10374
4	Castle Nut	10375
5	End Cap	10278
6	Perforated Disc	10377
7	Wire Mesh Screen	10296
8	Spring	10376
9	O-Ring End Cap	10282
10	O-Ring Probe	10285
11	O-Ring Body	10288
12	1/8" Galvanized Hex Head Plug	10350
13	Drain Cock 1/8" NPT Male	10345
14	Cartridge	--
15	Polyster Membrane	10378
16	Plastic Plug	HW-PLUG-ORANGE
17	Snap Ring	10368
-	Name Plate	10291

