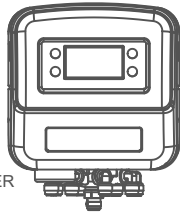


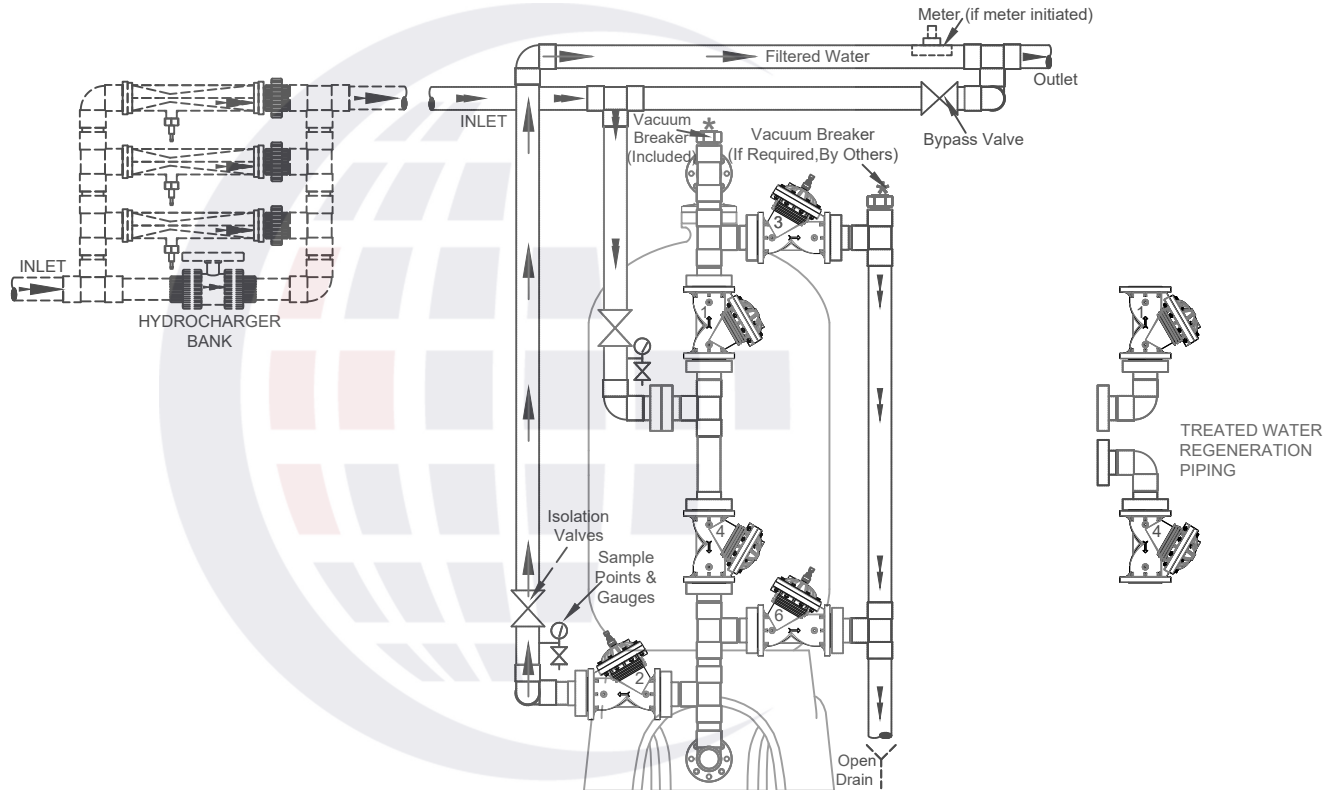
- LEGEND:
- ISOLATION VALVE
 - BYPASS VALVE
 - PRESSURE GAUGE & SAMPLE POINT
 - OPEN DRAIN
 - VACUUM BREAKER
 - RAW WATER LINES
 - FILTERED WATER LINES
 - WATER TO OPEN DRAIN

STAGER
CONTROLLER



DCF Series Single Model	Service	Peak	Max Flow To Drain	Pipe Size		Media Per Tank	Mineral Tank		Installation			Shipping Weight	Operating Weight
	Flow Rate			USGPM	Service		Drain	Diameter	Height	Height	Depth		
	USGPM	USGPM	USGPM		in	in	CF	in	in	in	in	in	in
	l/s	l/s	l/s	mm	mm	(m ³)	mm	mm	mm	mm	mm	mm	mm
DCF 30-2"	15	25	50	2"	2"	12.5	30	72	104	45	36	2,000	3,600
	0.9	1.6	3.2	50	50	0.35	762	1,829	2,642	1,143	914	907	1,633
DCF 36-2"	21	35	70	2"	2"	17.6	36	72	105	51	42	2,600	4,600
	1.3	2.2	4.4	50	50	0.50	914	1,829	2,667	1,295	1,067	1,180	2,087
DCF 42-3"	29	48	95	3"	3"	24.0	42	72	113	65	48	3,700	7,100
	1.8	3.0	6.0	75	75	0.68	1,067	1,829	2,870	1,651	1,219	1,679	3,221
DCF 48-3"	38	63	125	3"	3"	31.0	48	72	115	71	54	4,700	9,000
	2.4	4.0	7.9	75	75	0.88	1,219	1,829	2,921	1,803	1,372	2,132	4,083
DCF 63-4"	65	108	215	3"	4"	54.0	63	86	118	86	69	8,400	14,100
	4.1	6.8	13.5	75	100	1.53	1,600	2,184	2,997	2,184	1,753	3,811	6,397

Service based on 3 usgpm/ft², Peak based on 5 usgpm/ft². System must be designed to draw air continuously. Hydrocharger (air induction) system sold separately.



RAW WATER REGENERATION PIPING SHOWN

NOTES:

- MAXIMUM RECOMMENDED SYSTEM PRESSURE IS 100 PSIG (690 kPa).
- MAXIMUM RECOMMENDED SYSTEM TEMPERATURE IS 90° F (32°C).
- TANKS, AND MEDIA ARE NSF APPROVED. TRIPOD TANKS TO BE SECURELY ATTACHED TO THE FLOOR.
- ALL PIPING, FITTINGS, INTERCONNECTING PIPING, ISOLATION & SAMPLE VALVES AND GAUGES SHOWN BY BROKEN LINES ARE BY OTHERS
- SUPPLIED MANIFOLD IS SCH 80 PVC AND IS SUPPLIED WITH ONE VACUUM BREAKER. RECOMMENDED AIR RELEASE VALVE IS BY OTHERS. SYSTEM CAN BE PIPED AS RAW WATER OR TREATED WATER REGENERATION.
- ALL PIPING MUST BE PROPERLY SUPPORTED AND BRACE TO HANDLE THE THRUST OF THE CHANGE OF WATER FLOW (BY OTHERS)
- GLASS FIBER REINFORCED THERMOPLASTIC DIAPHRAGM VALVES ARE SEQUENCED BY AN ELECTRONIC MULTIPORT STAGER. ELECTRICAL POWER REQUIRED - 120 VOLT, 1 PHASE, 60 Hz. MULTI-TANK SYSTEMS ARE SERIES REGENERATION.

- SYSTEM MUST BE INSTALLED TO COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL AND LOCAL CODES.
- FLOOR DRAINS MUST BE SIZED TO CARRY THE MAXIMUM LISTED FLOW TO DRAIN.
- REFER TO THE INSTALLATION AND OPERATION MANUAL FOR FURTHER DETAILS.
- MEDIA BED CONSISTS OF NSF APPROVED CALCIUM CARBONATE, MAG OXIDE AND FINE FILTER SAND ON A GRADED SUPPORT BED
- SYSTEM MUST BE DESIGNED SO THE HYDROCHARGER BANK DRAWS AIR CONTINUOUSLY.

DCF SERIES CHEM FREE
SINGLE FILTER SYSTEM

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Project _____ Date 6/30/17 Rev 0
Dwg # DCF 01