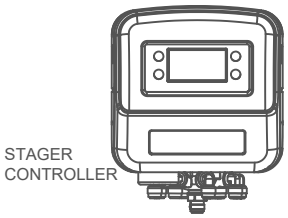
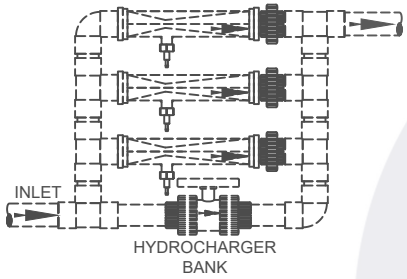
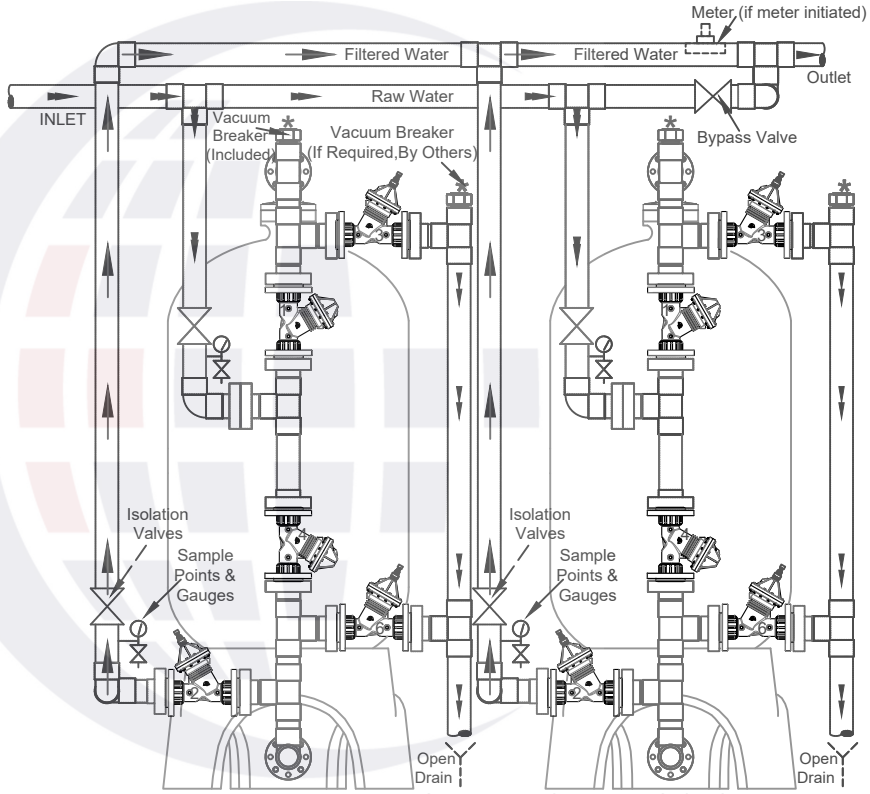
LEGEND:
- ISOLATION VALVE
- BYPASS VALVE
- PRESSURE GAUGE & SAMPLE POINT
- OPEN DRAIN
- VACUUM BREAKER
- RAW WATER LINES
- FILTERED WATER LINES
- WATER TO OPEN DRAIN

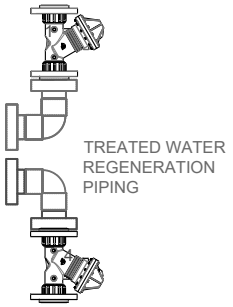


DCF Series Duplex Model	Service System Flow Rate	Peak System Flow Rate	Max Flow To Drain	Pipe Size Service	Pipe Size Drain	Media Per Tank	Mineral Tank Diameter	Mineral Tank Height	Installation Height	Installation Depth	Installation Width	Shipping Weight	Operating Weight
	USGPM	USGPM	USGPM	in	in	CF	in	in	in	in	in	lbs	lbs
	l/s	l/s	l/s	mm	mm	(m^3)	mm	mm	mm	mm	mm	kg	kg
DCF 30-2"	30	50	50	2"	2"	12.5	30	72	104	45	72	4,000	7,200
	1.9	3.2	3.2	50	50	0.35	762	1,829	2,642	1,143	1,829	1,815	3,267
DCF 36-2"	42	70	70	2"	2"	17.6	36	72	105	51	84	5,200	9,200
	2.6	4.4	4.4	50	50	0.50	914	1,829	2,667	1,295	2,134	2,359	4,174
DCF 42-3"	58	96	95	3"	3"	24.0	42	72	113	65	96	7,400	14,200
	3.7	6.0	6.0	75	75	0.68	1,067	1,829	2,870	1,651	2,438	3,358	6,443
DCF 48-3"	76	126	125	3"	3"	31.0	48	72	115	71	108	9,400	18,000
	4.8	7.9	7.9	75	75	0.88	1,219	1,829	2,921	1,803	2,743	4,265	8,167
DCF 63-4"	130	216	215	3"	4"	54.0	63	86	118	86	138	16,800	28,200
	8.2	13.6	13.5	75	100	1.53	1,600	2,184	2,997	2,184	3,505	7,623	12,795

Service based on 3 usgpm/ft^2, Peak based on 5 usgpm/ft^2. System must be designed to draw air continuously.
Hydrocharger (air induction) system sold seperately.







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.

Canature WaterGroup
Commercial/Industrial Engineering Division

DCF SERIES CHEM FREE DUPLEX FILTER SYSTEM

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Project	Date	Rev
	Dwg # DCF 02	0