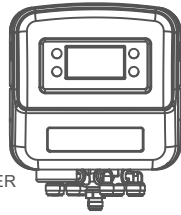


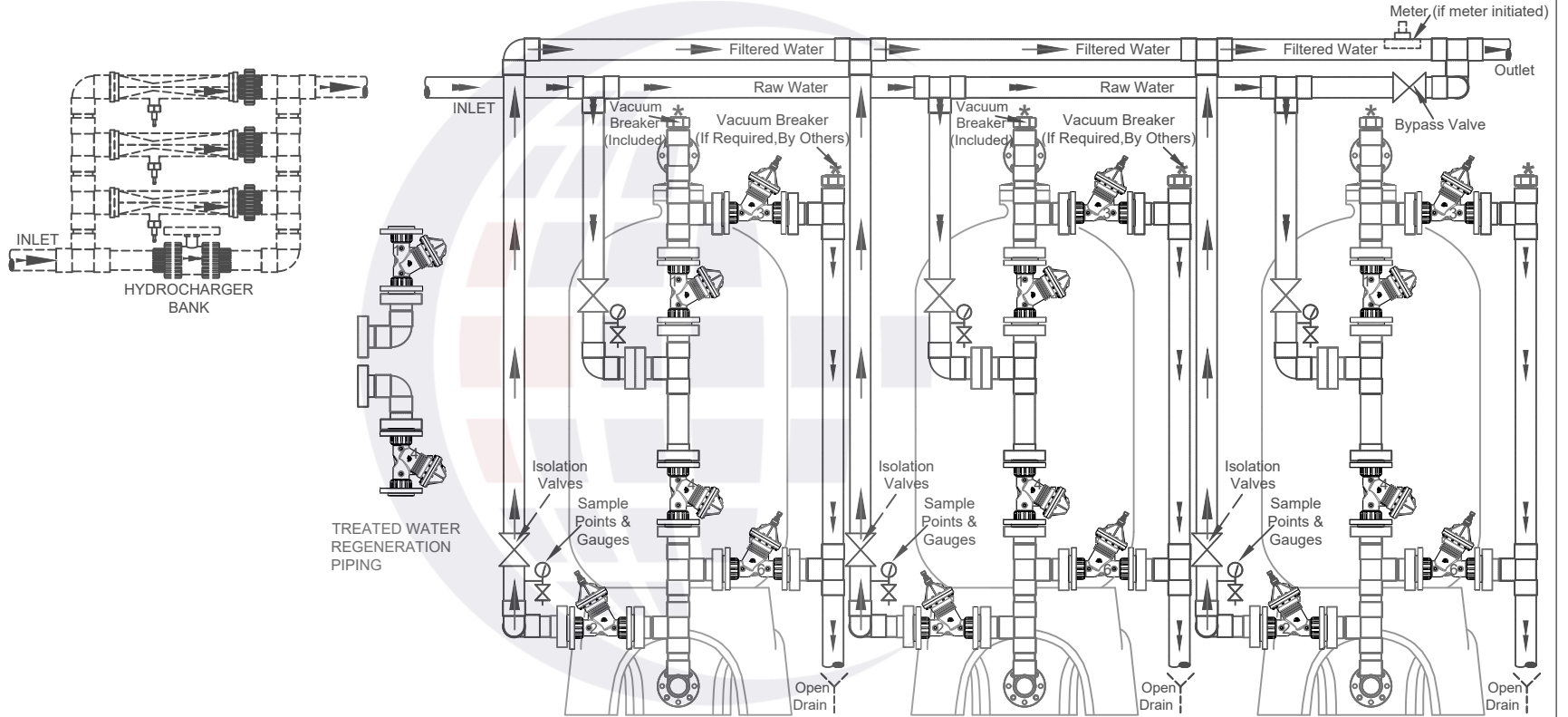
- LEGEND:
- ISOLATION VALVE
 - BYPASS VALVE
 - PRESSURE GAUGE & SAMPLE POINT
 - OPEN DRAIN
 - VACUUM BREAKER
 - RAW WATER LINES
 - FILTERED WATER LINES
 - WATER TO OPEN DRAIN

STAGER
CONTROLLER



DCF Series Triplex Model	Service	Peak	Max Flow To Drain	Pipe Size		Media	Mineral Tank		Installation			Shipping Weight	Operating Weight
	System Flow Rate			in mm	in mm	Per Tank CF (m ³)	Diameter mm	Height mm	Height mm	Depth mm	Width mm		
	USGPM l/s	USGPM l/s	USGPM l/s										
DCF 30-2"	45.0	75.0	50	2"	2"	12.5	30	72	104	45	36	6000	10,800
	2.8	4.7	3.15	50	50	0.35	762	1,829	2,642	1,143	914	2,722	4,900
DCF 36-2"	63.0	105.0	70	2"	2"	17.6	36	72	105	51	42	7800	13,800
	4.0	6.6	4.4	50	50	0.50	914	1,829	2,667	1,295	1,067	3,539	6,261
DCF 42-3"	87.0	144.0	95	3"	3"	24.0	42	72	113	65	48	11100	21,300
	5.5	9.1	6.0	75	75	0.68	1,067	1,829	2,870	1,651	1,219	5,036	9,664
DCF 48-3"	114.0	189.0	125	3"	3"	31.0	48	72	115	71	54	14100	27,000
	7.2	11.9	7.9	75	75	0.88	1,219	1,829	2,921	1,803	1,372	6,397	12,250
DCF 63-4"	195.0	324.0	215	3"	4"	54.0	63	86	118	86	69	25200	42,300
	12.3	20.4	13.5	75	100	1.53	1,600	2,184	2,997	2,184	1,753	11,434	19,192

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
TRIPLEX FILTER SYSTEM

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	Dwg # DCF 03	