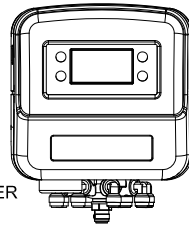


LEGEND:

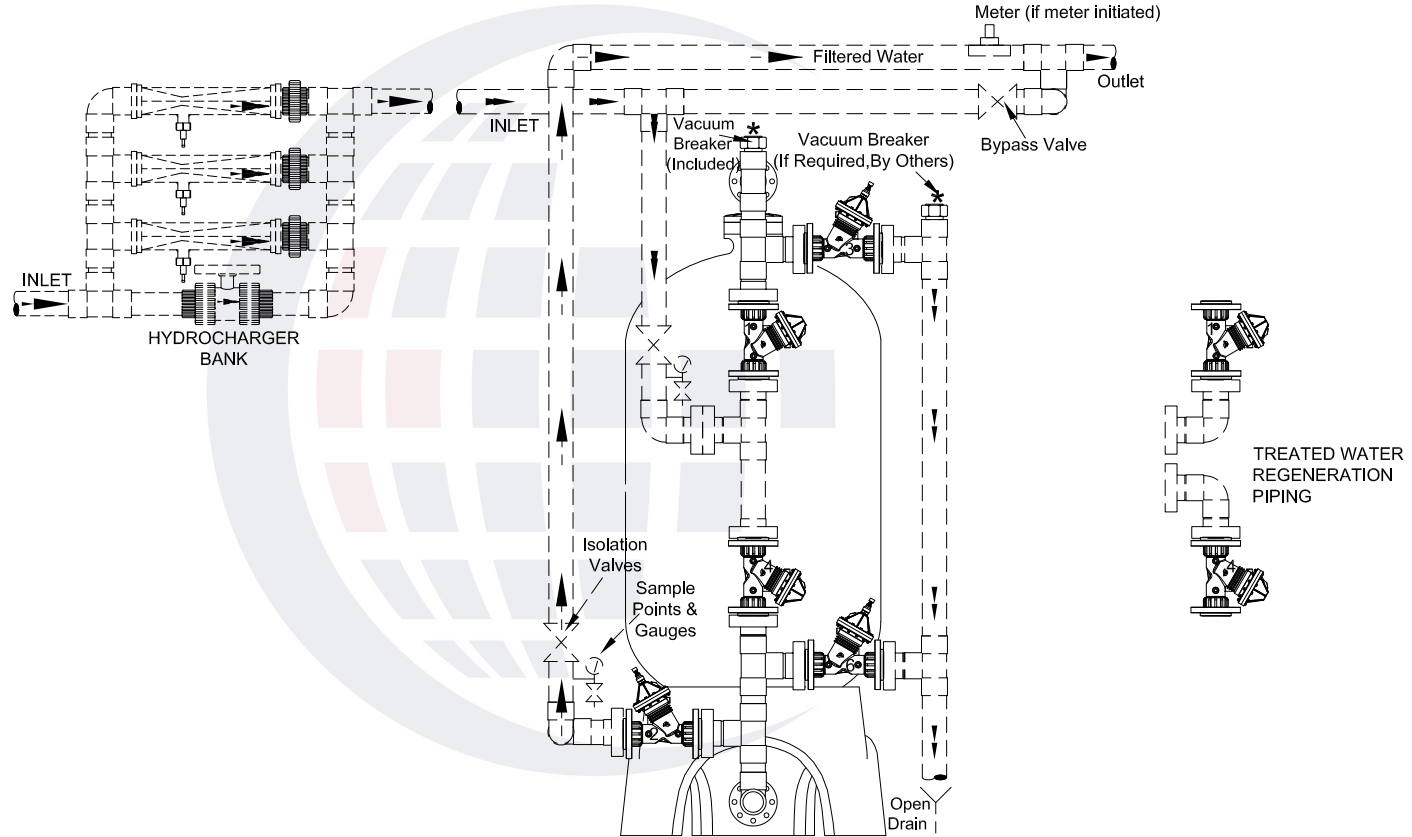
- ⊗ ISOLATION VALVE
- ⊗ BYPASS VALVE
- ⊗ PRESSURE GAUGE & SAMPLE POINT
- ∨ OPEN DRAIN
- * VACUUM BREAKER
- ▬ RAW WATER LINES
- ▬ FILTERED WATER LINES
- ▬ WATER TO OPEN DRAIN
- ▬ TREATED WATER LINES

STAGER
CONTROLLER



DCF Series Single Model	Typical	Peak	Max Flow	Pipe Size		Media	Mineral Tank		Installation			Shipping Weight	Operating Weight
	Service Flow Rate	To Drain		Service	Drain	Per Tank	Diameter	Height	Height	Depth	Width		
	USGPM	USGPM	USGPM	in	in	ft3	in	in	in	in	in	lbs	lbs
DCF 30-2"	15	25	50	2"	2"	12.5	30	88	99	36	36	1,750	3,350
	0.95	1.58	3.15	50	50	0.35	762	2235	2515	914	914	794	1,520
DCF 36-2"	21	35	70	2"	2"	17.6	36	87	100	42	42	2,326	4,626
	1.32	2.21	4.42	50	50	0.50	914	2210	2540	1067	1067	1,056	2,099
DCF 42-3"	29	48	95	3"	3"	24.0	42	95	108	48	48	3,350	6,750
	1.83	3.03	5.99	75	75	0.68	1067	2413	2743	1219	1219	1,520	3,062
DCF 48-3"	38	63	125	3"	3"	31.0	48	94	109	54	54	4,345	8,645
	2.40	3.97	7.89	75	75	0.88	1219	2388	2769	1372	1372	1,971	3,922
DCF 63-4"	65	108	215	3"	4"	54.0	63	96	111	69	69	8,188	13,888
	4.10	6.81	13.56	75	100	1.53	1600	2438	2819	1753	1753	3,715	6,301

Service based on 3 usgpm/ft², Peak based on 2.5 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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	Dwg# DCF 01	