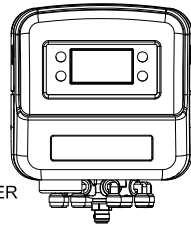


LEGEND:

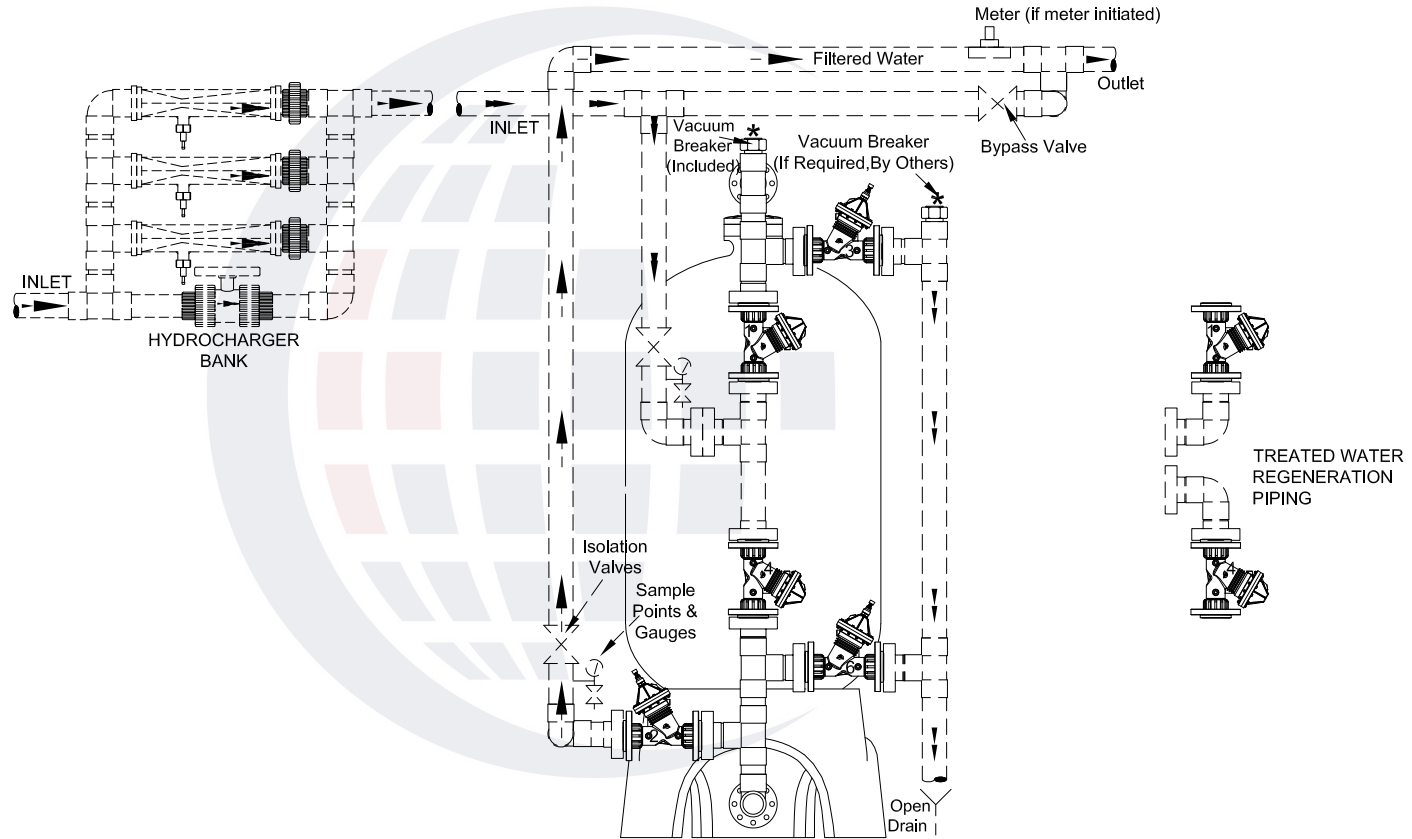
- ⊠ ISOLATION VALVE
- ⊠ BYPASS VALVE
- ⊗ PRESSURE GAUGE & SAMPLE POINT
- ∨ OPEN DRAIN
- * VACUUM BREAKER
- ▬ RAW WATER LINES
- ▬ FILTERED WATER LINES
- ▬ WATER TO OPEN DRAIN
- ▬ TREATED WATER LINES

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 l/s	USGPM l/s	USGPM l/s	in mm	in mm	ft3 m3	in mm	in mm	in mm	in mm	in mm	lbs kg	lbs kg
DCF 30-2"	15 0.95	25 1.58	50 3.15	2" 50	2" 50	12.5 0.35	30 762	88 2235	99 2515	36 914	36 914	1,750 794	3,350 1,520
DCF 36-2"	21 1.32	35 2.21	70 4.42	2" 50	2" 50	17.6 0.50	36 914	87 2210	100 2540	42 1067	42 1067	2,326 1,056	4,626 2,099
DCF 42-3"	29 1.83	48 3.03	95 5.99	3" 75	3" 75	24.0 0.68	42 1067	95 2413	108 2743	48 1219	48 1219	3,350 1,520	6,750 3,062
DCF 48-3"	38 2.40	63 3.97	125 7.89	3" 75	3" 75	31.0 0.88	48 1219	94 2388	109 2769	54 1372	54 1372	4,345 1,971	8,645 3,922
DCF 63-4"	65 4.10	108 6.81	215 13.56	3" 75	4" 100	54.0 1.53	63 1600	96 2438	111 2819	69 1753	69 1753	8,188 3,715	13,888 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	