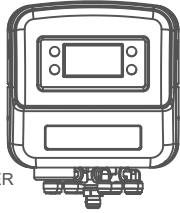


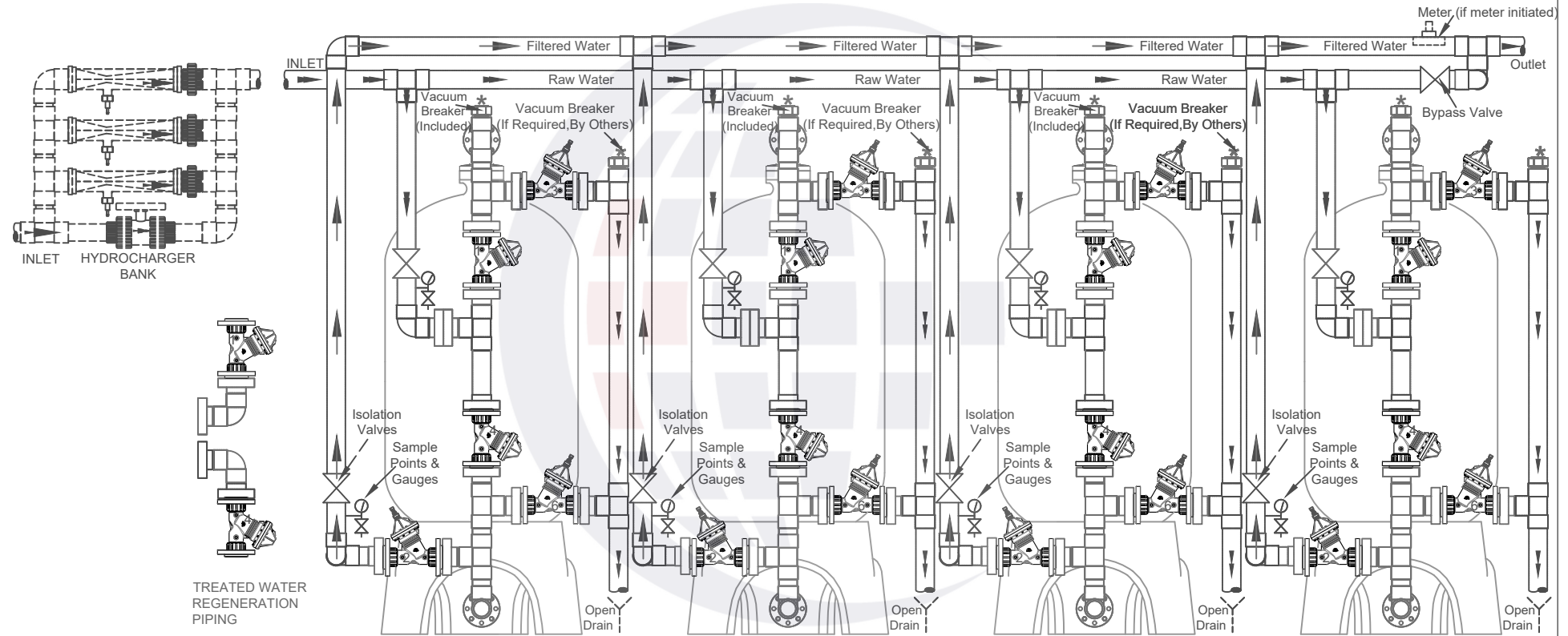
- LEGEND:
- ISOLATION VALVE
  - BYPASS VALVE
  - PRESSURE GAUGE & SAMPLE POINT
  - OPEN DRAIN
  - VACUUM BREAKER
  - RAW WATER LINES
  - FILTERED WATER LINES
  - WATER TO OPEN DRAIN

STAGER  
CONTROLLER



DCF Series Quadplex Model	Service		Max Flow To Drain	Pipe Size		Media Per Tank	Mineral Tank		Installation			Shipping Weight	Operating Weight
	System Flow Rate			Service	Drain		Diameter	Height	Height	Depth	Width		
	USGPM	USGPM	USGPM	in	in	CF	in	in	in	in	in	lbs	lbs
DCF 30-2"	60.0	100.0	50	2"	2"	12.5	30	72	104	45	144	8,000	14,400
	3.8	6.3	3.15	50	50	0.35	762	1,829	2,642	1,143	3,658	3,630	6,534
DCF 36-2"	84.0	140.0	70	2"	2"	17.6	36	72	105	51	168	10,400	18,400
	5.3	8.8	4.4	50	50	0.50	914	1,829	2,667	1,295	4,267	4,719	8,348
DCF 42-3"	116.0	192.0	95	3"	3"	24.0	42	72	113	65	192	14,800	28,400
	7.3	12.1	6.0	75	75	0.68	1,067	1,829	2,870	1,651	4,877	6,715	12,886
DCF 48-3"	152.0	252.0	125	3"	3"	31.0	48	72	115	71	216	18,800	36,000
	9.6	15.9	7.9	75	75	0.88	1,219	1,829	2,921	1,803	5,486	8,530	16,334
DCF 63-4"	260.0	432.0	215	3"	4"	54.0	63	86	118	86	276	33,600	56,400
	16.4	27.2	13.5	75	100	1.53	1,600	2,184	2,997	2,184	7,010	15,245	25,590

Service based on 3 usgpm/ft<sup>2</sup>, Peak based on 5 usgpm/ft<sup>2</sup>. 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  
QUADRAPLEX FILTER SYSTEM**

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Project	Date	6/30/17	Rev
	Dwg #	DCF 04	0