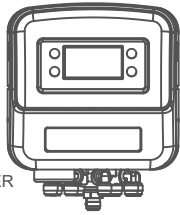


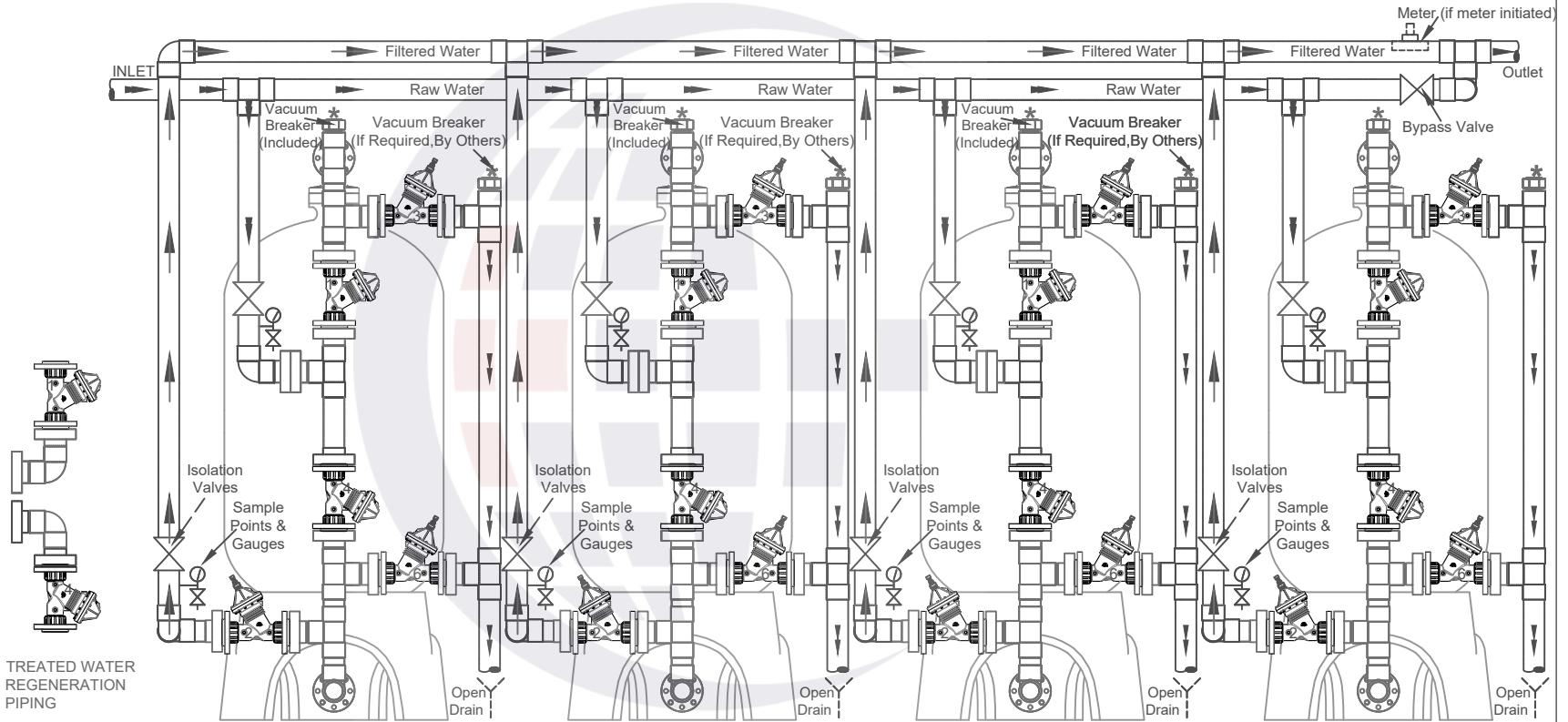
- LEGEND:
- ISOLATION VALVE
 - BYPASS VALVE
 - PRESSURE GAUGE & SAMPLE POINT
 - OPEN DRAIN
 - VACUUM BREAKER
 - RAW WATER LINES
 - FILTERED WATER LINES
 - WATER TO OPEN DRAIN

STAGER
CONTROLLER



DBF Series Quadplex Model	Max Service	Max Flow To Drain	Pipe Size		Media	Mineral Tank		Installation			Shipping Weight	Operating Weight
	Flow Rate		Service	Drain	Per Tank	Diameter	Height	Height	Depth	Width	lbs	lbs
	USGPM	USGPM	in	in	CF	in	in	in	in	in		
	I/s	I/s	mm	mm	(m ³)	mm	mm	mm	mm	mm		
DBF 30-2"	100.0	50	2"	2"	12.5	30	72	104	45	144	5,600	12,000
	6.3	3.15	50	50	0.35	762	1,829	2,642	1,143	3,658	2,541	5,445
DBF 36-2"	140.0	70	2"	2"	17.6	36	72	105	51	168	7,600	15,600
	8.8	4.41	50	50	0.50	914	1,829	2,667	1,295	4,267	3,448	7,078
DBF 42-3"	192.0	95	3"	3"	24.0	42	72	113	65	192	10,000	23,600
	12.1	5.985	75	75	0.68	1,067	1,829	2,870	1,651	4,877	4,537	10,708
DBF 48-3"	252.0	125	3"	3"	31.0	48	72	115	71	216	12,400	29,600
	15.9	7.875	75	75	0.88	1,219	1,829	2,921	1,803	5,486	5,626	13,430
DBF 63-4"	432.0	215	3"	4"	54.0	63	86	118	86	276	23,200	46,000
	27.2	13.545	75	100	1.53	1,600	2,184	2,997	2,184	7,010	10,526	20,871

Service flow rate based on 5 usgpm/ft² Hydrocharger (air induction) system if required sold separately.



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 BIRM MEDIA ON A GRADED SUPPORT BED
- IF OPTIONAL AIR DRAW SYSTEM USED THE SYSTEM MUST BE DESIGNED SO THE HYDROCHARGER BANK DRAWS AIR CONTINUOUSLY.

DBF SERIES BIRM
QUADRAPLEX FILTER SYSTEM

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Project _____ Date 6/30/17 Rev _____
Dwg # DBF 04 0