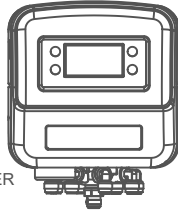


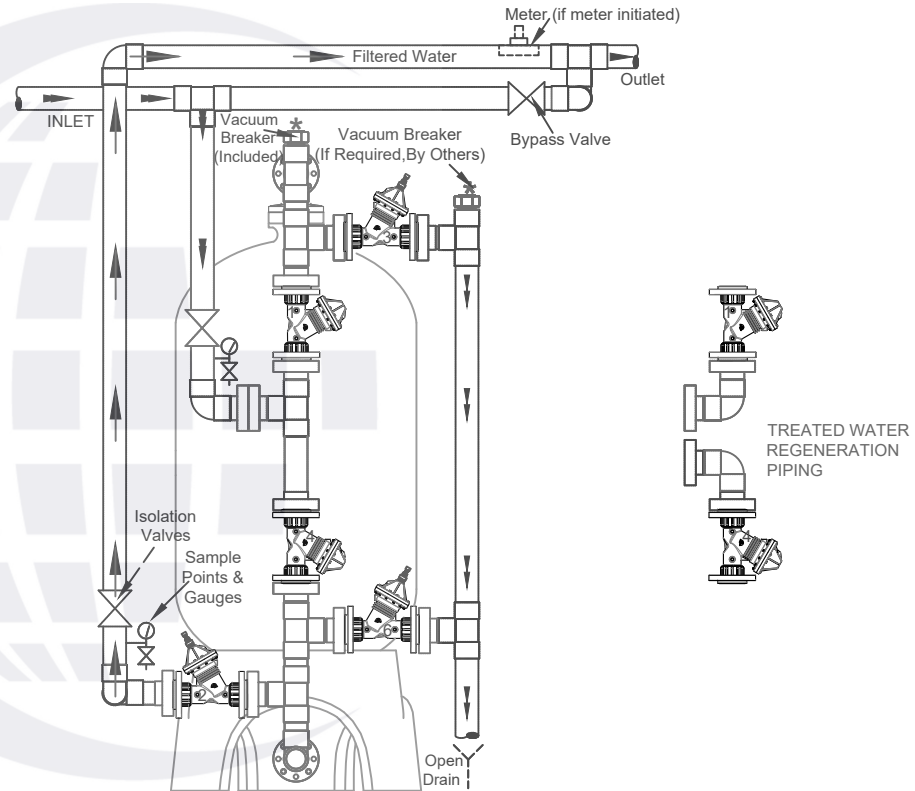
- LEGEND:
- ISOLATION VALVE
 - BYPASS VALVE
 - PRESSURE GAUGE & SAMPLE POINT
 - OPEN DRAIN
 - VACUUM BREAKER
 - RAW WATER LINES
 - FILTERED WATER LINES
 - WATER TO OPEN DRAIN

STAGER
CONTROLLER



DBF Series Model Single	Max Service	Max Flow To Drain	Pipe Size		Media	Mineral Tank		Installation			Shipping Weight	Operatin g Weight
	Flow Rate		Service	Drain	Per Tank	Diameter	Height	Height	Depth	Width	lbs	lbs
	USGPM	USGPM	in	in	CF	in	in	in	in	in		
	l/s	l/s	mm	mm	(m³)	mm	mm	mm	mm	mm	kg	kg
DBF 30-2"	25 1.6	50 3.2	2" 50	2" 50	12.5 0.35	30 762	72 1,829	104 2,642	45 1,143	36 914	1,400 635	3,000 1,361
DBF 36-2"	35 2.2	70 4.4	2" 50	2" 50	17.6 0.50	36 914	72 1,829	105 2,667	51 1,295	42 1,067	1,900 862	3,900 1,770
DBF 42-3"	48 3.0	95 6.0	3" 75	3" 75	24.0 0.68	42 1,067	72 1,829	113 2,870	65 1,651	48 1,219	2,500 1,134	5,900 2,677
DBF 48-3"	63 4.0	125 7.9	3" 75	3" 75	31.0 0.88	48 1,219	72 1,829	115 2,921	71 1,803	54 1,372	3,100 1,407	7,400 3,358
DBF 63-4"	108 6.8	215 13.5	3" 75	4" 100	54.0 1.53	63 1,600	86 2,184	118 2,997	86 2,184	69 1,753	5,800 2,632	11,500 5,218

Service flow rate based on 5 usgpm/ft² Hydrocharger (air induction) system if required 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 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
SINGLE FILTER SYSTEM

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Project _____ Date 6/30/17 Rev 0
Dwg # DBF 01