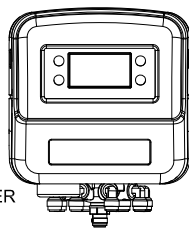


**LEGEND:**

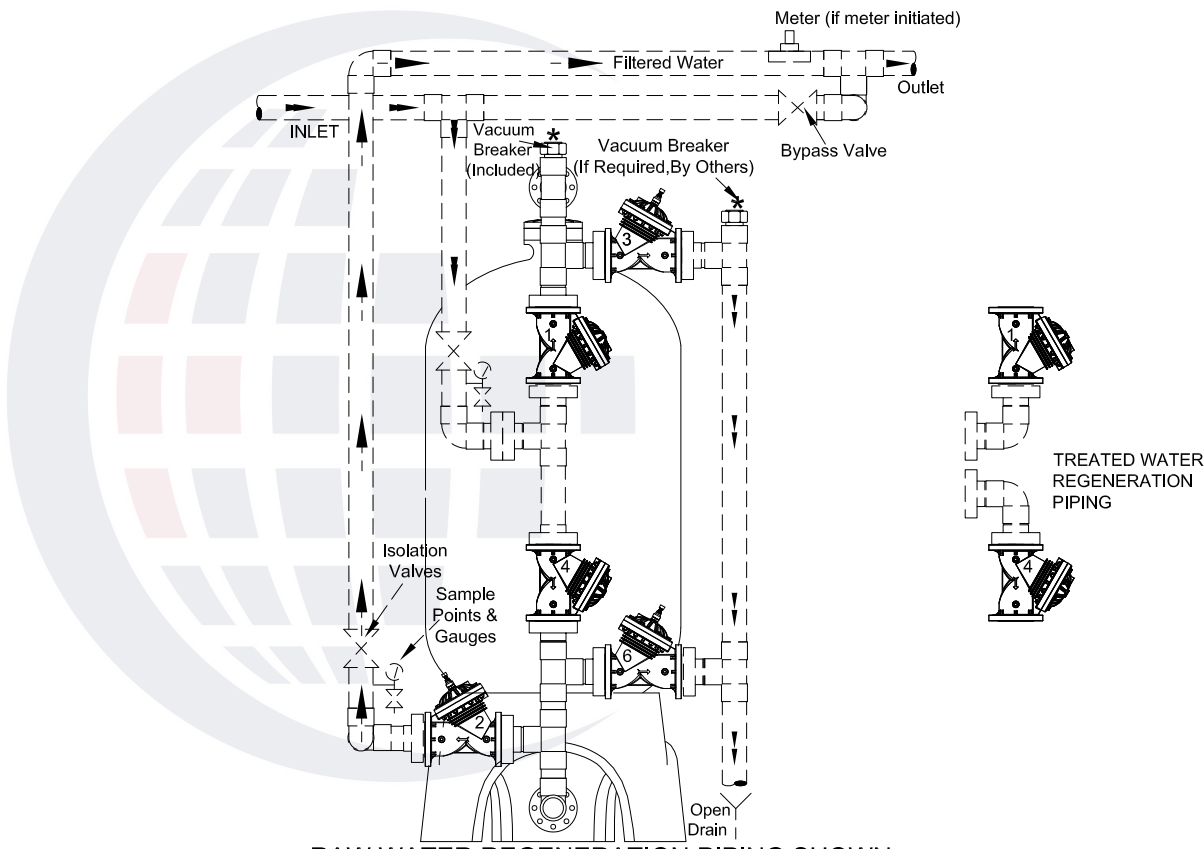
- ⊗ ISOLATION VALVE
- ⊗ BYPASS VALVE
- ⊗ PRESSURE GAUGE & SAMPLE POINT
- ∨ OPEN DRAIN
- \* VACUUM BREAKER
- ▬ RAW WATER LINES
- ▬ FILTERED WATER LINES
- ▬ WATER TO OPEN DRAIN
- ▬ TREATED WATER LINES

STAGER  
CONTROLLER



DBF Series Single Model	Typical Service Flow Rate USGPM	Max Flow To Drain USGPM	Pipe Size		Media Per Tank	Mineral Tank		Installation			Shipping Weight lbs	Operating Weight lbs
			Service	Drain		Diameter	Height	Height	Depth	Width		
			I/s	I/s	in	in	ft3	in	in	in	in	in
DBF 30-2"	25	50	2"	2"	12.5	30	88	99	36	36	1,148	2,748
	1.58	3.15	50	50	0.35	762	2235	2515	914	914	521	1,247
DBF 36-2"	35	70	2"	2"	17.6	36	87	100	42	42	1,557	3,857
	2.21	4.42	50	50	0.50	914	2210	2540	1067	1067	706	1,750
DBF 42-3"	48	95	3"	3"	24.0	42	95	108	48	48	2,118	5,518
	6.06	7.57	75	75	0.68	1067	2413	2743	1219	1219	1,436	2,979
DBF 48-3"	63	125	3"	3"	31.0	48	94	109	54	54	2,760	7,060
	3.97	7.89	75	75	0.88	1219	2388	2769	1372	1372	1,252	3,203
DBF 63-4"	108	215	3"	4"	54.0	63	96	111	69	69	5,511	11,211
	6.81	13.56	75	100	1.53	1600	2438	2819	1753	1753	2,500	5,086

Service flow rate based on 5 usgpm/ft2. 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 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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	Dwg# DBF 01	