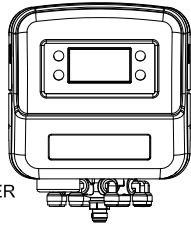


**LEGEND:**

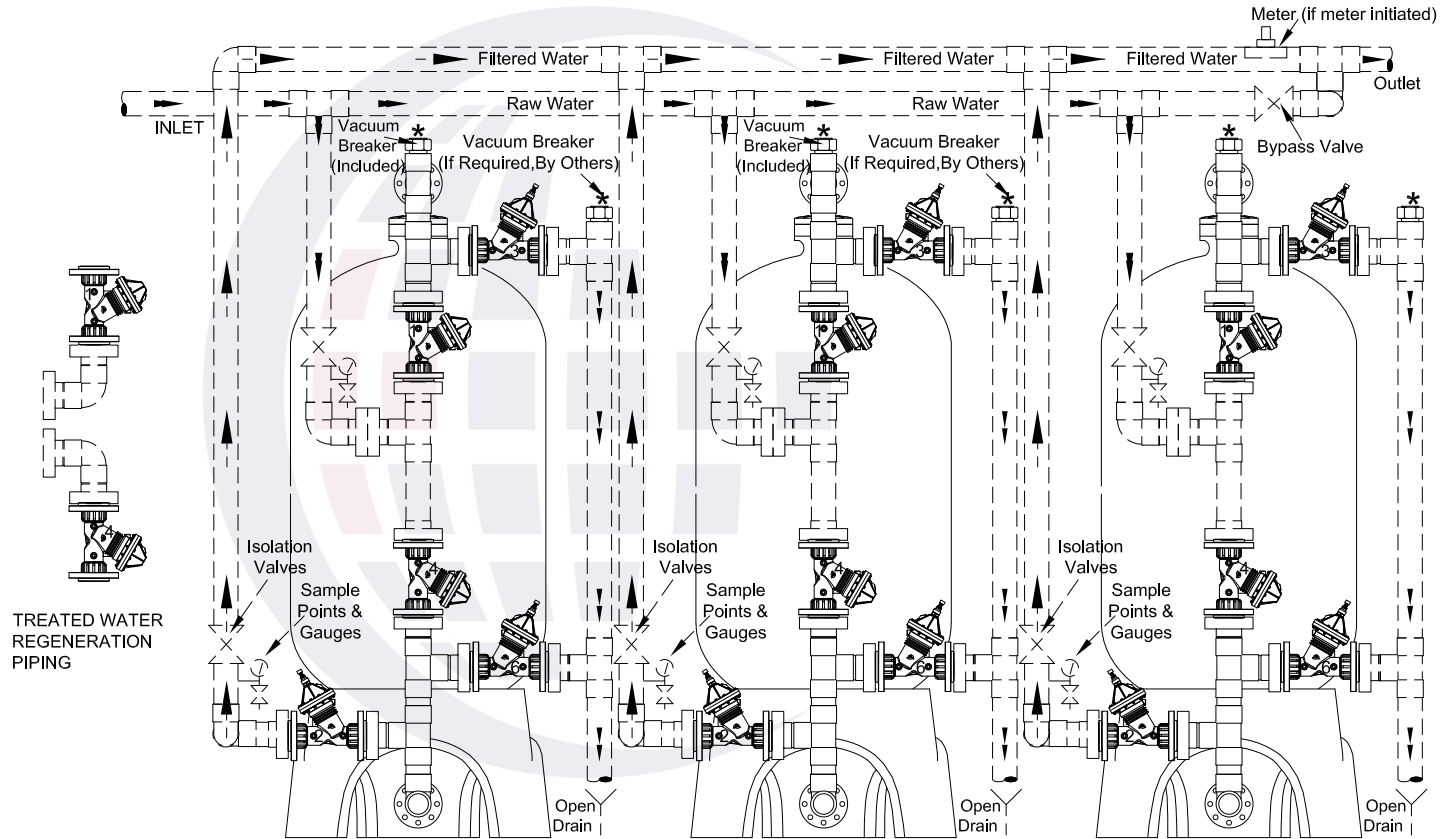
- ⊠ ISOLATION VALVE
- ⊠ BYPASS VALVE
- ⊙ PRESSURE GAUGE & SAMPLE POINT
- ∨ OPEN DRAIN
- \* VACUUM BREAKER
- ▬ RAW WATER LINES
- ▬ FILTERED WATER LINES
- ▬ WATER TO OPEN DRAIN
- ▬ TREATED WATER LINES

STAGER  
CONTROLLER



DBF Series Triplex Model	Typical Service Flow Rate		Max Flow To Drain		Pipe Size		Media	Mineral Tank		Installation		Shipping Weight	Operating Weight	
	USGPM	l/s	in	mm	in	mm	Per Tank ft3	Diameter	Height	Height	Depth	Width	lbs	lbs
								in	in	in	in	in		
DBF 30-2"	75	50	2"	2"	2"	2"	12.5	30	88	99	36	102	3,445	8,245
	4.73	3.15	50	50	50	50	0.35	762	2235	2515	914	2591	1,563	3,741
DBF 36-2"	105	70	2"	2"	2"	2"	17.6	36	87	100	42	120	4,670	11,570
	6.62	4.42	50	50	50	50	0.50	914	2210	2540	1067	3048	2,119	5,250
DBF 42-3"	144	95	3"	3"	3"	3"	24.0	42	95	108	48	138	6,353	16,553
	9.08	5.99	75	75	75	75	0.68	1067	2413	2743	1219	3505	2,883	7,511
DBF 48-3"	189	125	3"	3"	3"	3"	31.0	48	94	109	54	156	8,281	21,181
	11.92	7.89	75	75	75	75	0.88	1219	2388	2769	1372	3962	3,757	9,610
DBF 63-4"	324	215	3"	4"	3"	4"	54.0	63	96	111	69	201	16,532	33,632
	20.44	13.56	75	100	75	100	1.53	1600	2438	2819	1753	5105	7,501	15,259

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  
TRIPLEX FILTER SYSTEM**

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	Dwg# DBF 03	