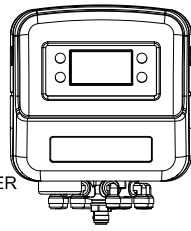


LEGEND:

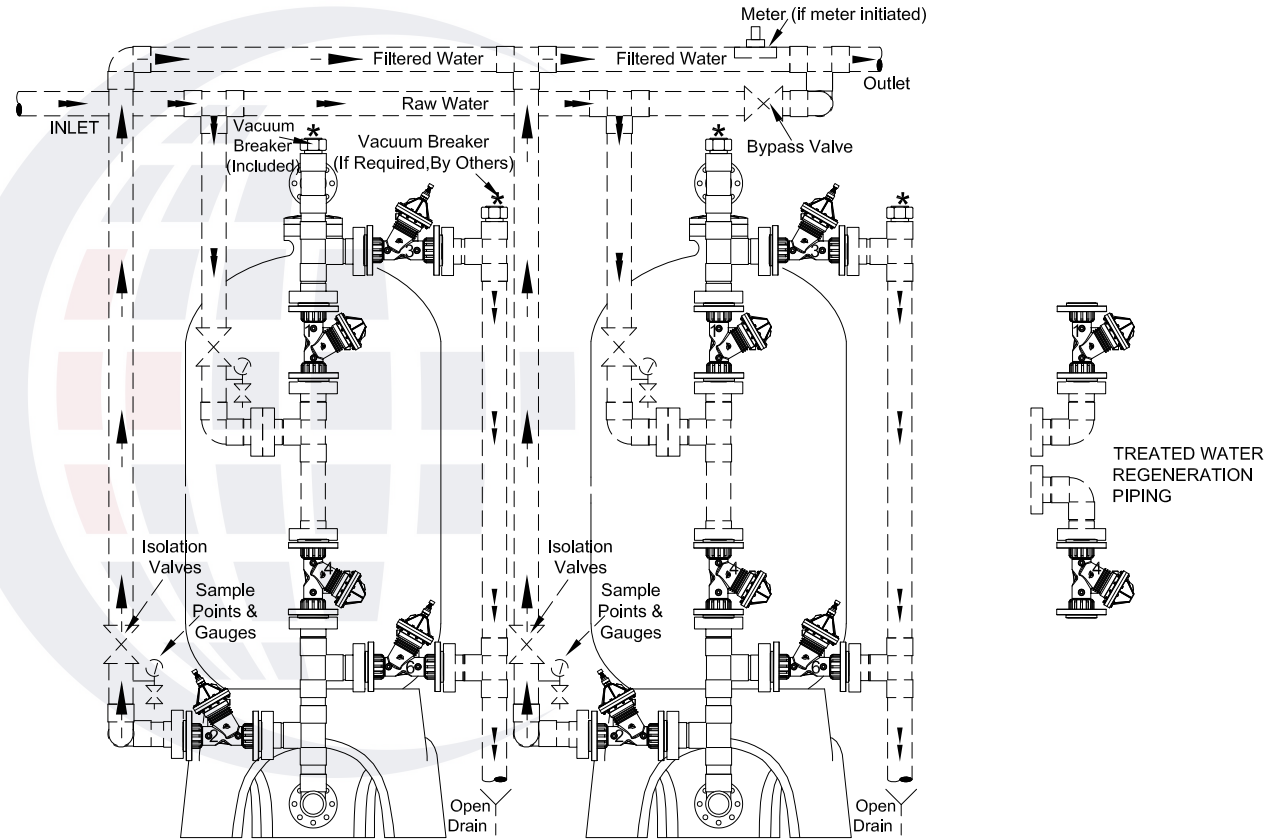
- ⊠ ISOLATION VALVE
- ⊠ BYPASS VALVE
- ⊗ PRESSURE GAUGE & SAMPLE POINT
- ∨ OPEN DRAIN
- * VACUUM BREAKER
- ▬ RAW WATER LINES
- ▬ FILTERED WATER LINES
- ▬ WATER TO OPEN DRAIN
- ▬ TREATED WATER LINES

STAGER
CONTROLLER



DBF Series Duplex Model	Typical Service Flow Rate	Max Flow To Drain	Pipe Size		Media	Mineral Tank		Installation			Shipping Weight	Operating Weight	
			Service	Drain		Per Tank	Diameter	Height	Height	Depth			Width
			USGPM	USGPM									
DBF 30-2"	50	50	2"	2"	12.5	30	88	99	36	69	2,297	5,497	
	3.15	3.15	50	50	0.35	762	2235	2515	914	1753	1,042	2,494	
DBF 36-2"	70	70	2"	2"	17.6	36	87	100	42	81	3,114	7,714	
	4.42	4.42	50	50	0.50	914	2210	2540	1067	2057	1,413	3,500	
DBF 42-3"	96	95	3"	3"	24.0	42	95	108	48	93	4,236	11,036	
	6.06	5.99	75	75	0.68	1067	2413	2743	1219	2362	1,922	5,007	
DBF 48-3"	126	125	3"	3"	31.0	48	94	109	54	105	5,521	14,121	
	7.95	7.89	75	75	0.88	1219	2388	2769	1372	2667	2,505	6,407	
DBF 63-4"	216	215	3"	4"	54.0	63	96	111	69	135	11,021	22,421	
	13.63	13.56	75	100	1.53	1600	2438	2819	1753	3429	5,001	10,173	

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
DUPLIX FILTER SYSTEM**

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	Dwg# DBF 02	