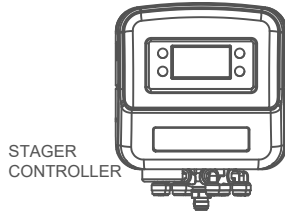


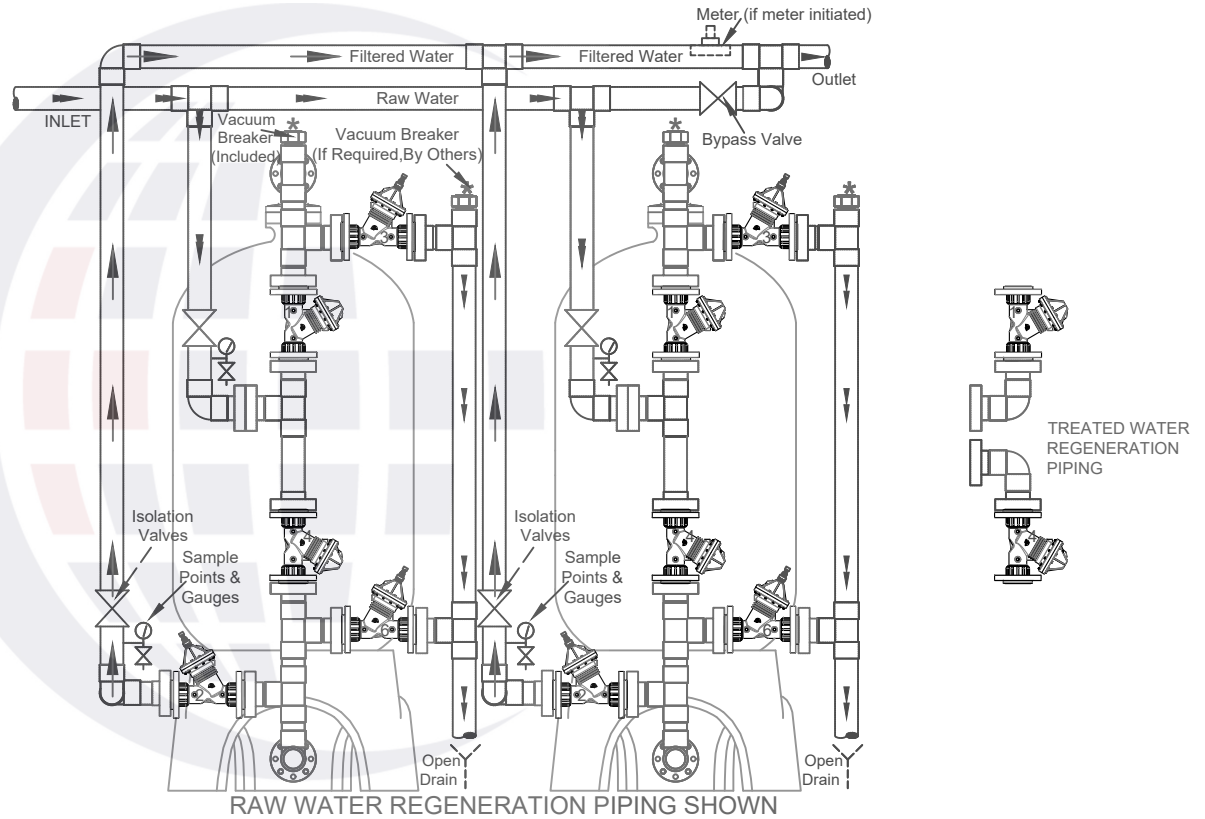
- LEGEND:
- ISOLATION VALVE
  - BYPASS VALVE
  - PRESSURE GAUGE & SAMPLE POINT
  - OPEN DRAIN
  - VACUUM BREAKER
  - RAW WATER LINES
  - FILTERED WATER LINES
  - WATER TO OPEN DRAIN



STAGER  
CONTROLLER

DBF Series Duplex Model	Max Service Flow Rate		Pipe Size		Media	Mineral Tank		Installation			Shipping Weight	Operating Weight
	USGPM	USGPM	Service	Drain		Per Tank	Diameter	Height	Height	Depth		
	I/s	I/s	in	in	CF	in	in	in	in	in	lbs	lbs
			mm	mm	(m <sup>3</sup> )	mm	mm	mm	mm	mm	kg	kg
DBF 30-2"	50	50	2"	2"	12.5	30	72	104	45	72	2,800	6,000
	3.2	3.15	50	50	0.35	762	1,829	2,642	1,143	1,829	1,270	2,722
DBF 36-2"	70	70	2"	2"	17.6	36	72	105	51	84	3,800	7,800
	4.4	4.41	50	50	0.50	914	1,829	2,667	1,295	2,134	1,724	3,539
DBF 42-3"	96	95	3"	3"	24.0	42	72	113	65	96	5,000	11,800
	6.0	6.0	75	75	0.68	1,067	1,829	2,870	1,651	2,438	2,269	5,354
DBF 48-3"	126	125	3"	3"	31.0	48	72	115	71	108	6,200	14,800
	7.9	7.9	75	75	0.88	1,219	1,829	2,921	1,803	2,743	2,813	6,715
DBF 63-4"	216	215	3"	4"	54.0	63	86	118	86	138	11,600	23,000
	13.6	13.5	75	100	1.53	1,600	2,184	2,997	2,184	3,505	5,263	10,436

Service flow rate based on 5 usgpm/ft<sup>2</sup> 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  
DUPLIX FILTER SYSTEM**

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Project _____	Date 6/30/17	Rev 0
	Dwg # DBF 02	