







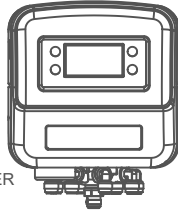


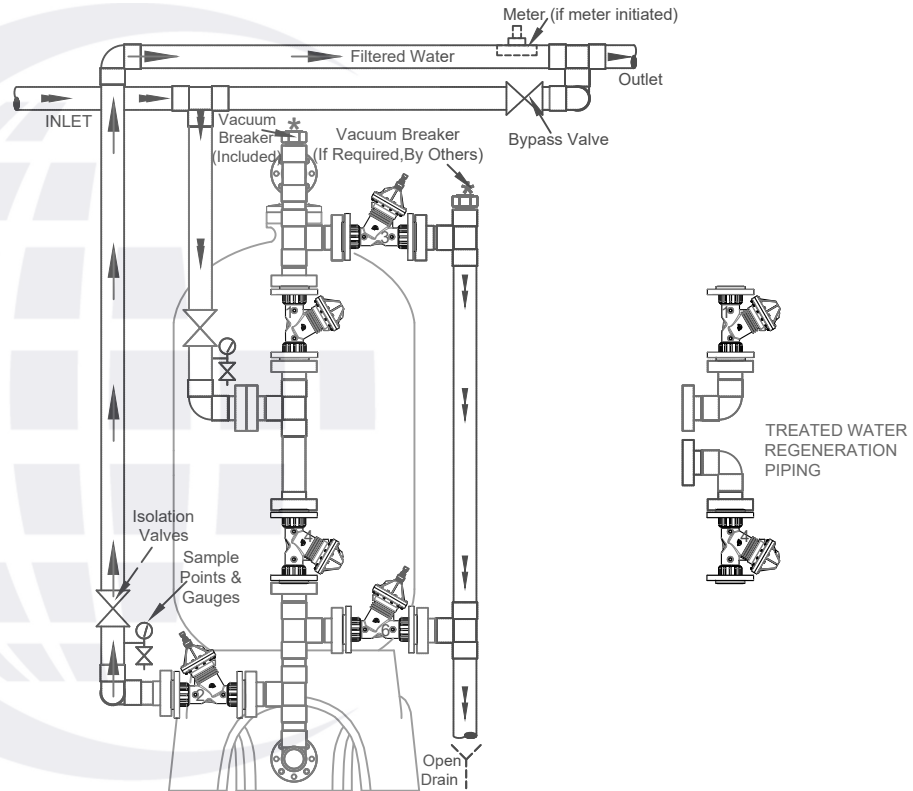
- LEGEND:
-  ISOLATION VALVE
  -  BYPASS VALVE
  -  PRESSURE GAUGE & SAMPLE POINT
  -  OPEN DRAIN
  -  VACUUM BREAKER
  -  RAW WATER LINES
  -  FILTERED WATER LINES
  -  WATER TO OPEN DRAIN

STAGER  
CONTROLLER



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

Service flow rate based on 5 usgpm/ft<sup>2</sup> 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

THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO CANATURE WATERGROUP. THE REPRODUCTION, TRANSFER, OR OTHER EXPLOITATION OF ANY INFORMATION CONTAINED HEREIN IS NOT PERMITTED WITHOUT PRIOR WRITTEN APPROVAL OF CANATURE WATERGROUP. THE MANUFACTURER RESERVES THE RIGHT TO MAKE PRODUCT REVISIONS, WHICH MAY DEVIATE FROM THE SPECIFICATIONS AND DESCRIPTIONS STATED HEREIN WITHOUT OBLIGATION TO CHANGE PREVIOUSLY MANUFACTURED PRODUCTS OR TO NOTE THE CHANGE.



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