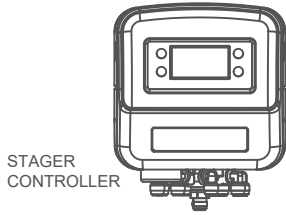
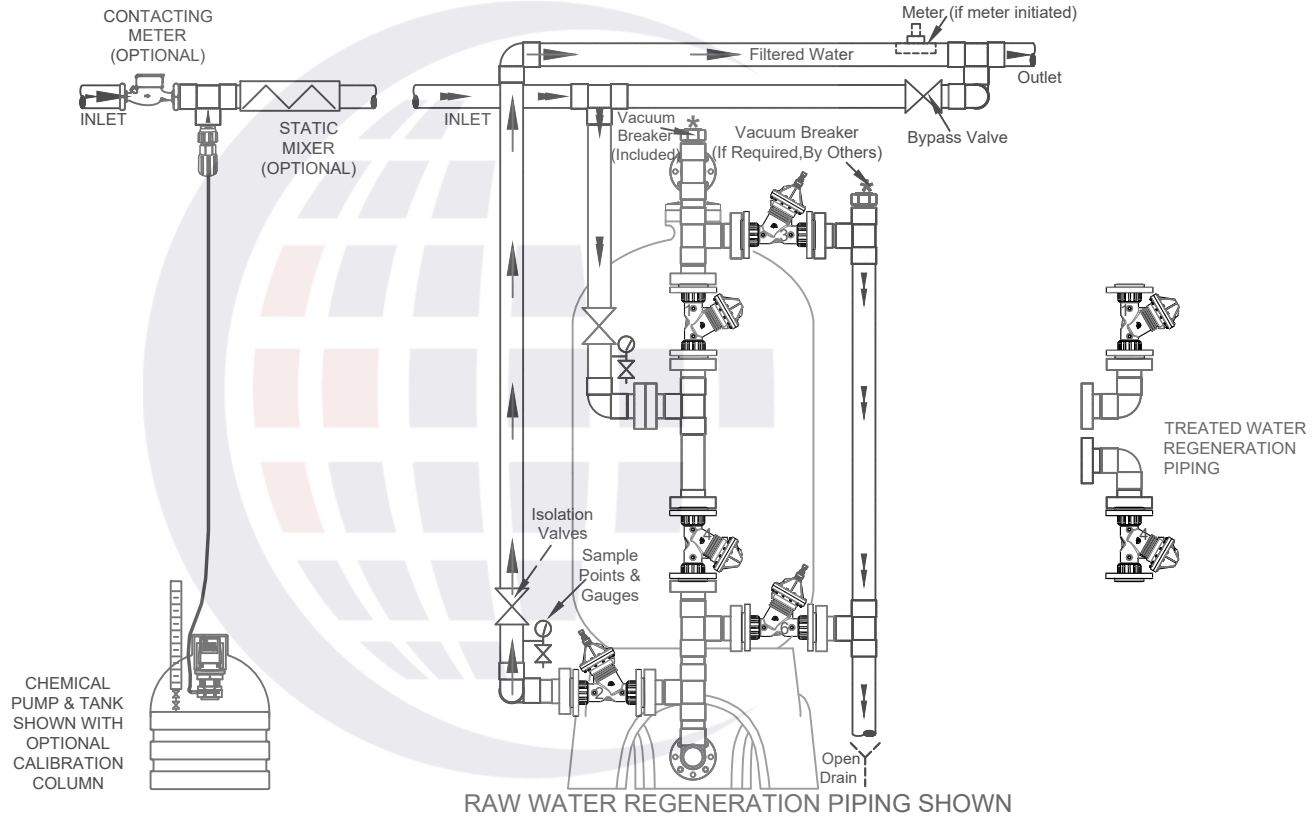


- LEGEND:
- ISOLATION VALVE
  - BYPASS VALVE
  - PRESSURE GAUGE & SAMPLE POINT
  - OPEN DRAIN
  - VACUUM BREAKER
  - RAW WATER LINES
  - FILTERED WATER LINES
  - WATER TO OPEN DRAIN



DMG Series Single Model	Max Service Flow Rate				Pipe Size		Media	Mineral Tank		Installation			Shipping Weight	Operating Weight
	Max Flow To Drain				Service	Drain	Per Tank	Diameter	Height	Height	Depth	Width	lbs	lbs
	USGPM	USGPM	USGPM	USGPM	in	in	CF	in	in	in	in	in		
	l/s	l/s	l/s	l/s	mm	mm	(m <sup>3</sup> )	mm	mm	mm	mm	mm		
DMG 30-2"	25.0	15.0	10.0	50.0	2"	2"	12.5	30	72	104	45	36	2,000	3,600
	1.6	0.9	0.6	3.2	50	50	0.35	762	1,829	2,642	1,143	914	907	1,633
DMG 36-2"	35.0	21.0	14.0	70.0	2"	2"	17.6	36	72	105	51	42	2,600	4,600
	2.2	1.3	0.9	4.4	50	50	0.50	914	1,829	2,667	1,295	1,067	1,180	2,087
DMG 42-3'	48.0	29.0	19.0	95.0	3"	3"	24.0	42	72	113	65	65	3,400	6,800
	3.0	1.8	1.2	6.0	75	75	0.68	1,067	1,829	2,870	1,651	1,651	1,543	3,085
DMG 48-3"	63.0	38.0	25.0	125.0	3"	3"	31.0	48	72	115	71	71	4,400	8,700
	4.0	2.4	1.6	7.9	75	75	0.88	1,219	1,829	2,921	1,803	1,803	1,996	3,947
DMG 63-4"	108.0	65.0	42.0	215.0	3"	4"	54.0	63	86	118	86	86	7,900	13,600
	6.8	4.1	2.6	13.5	75	100	1.53	1,600	2,184	2,997	2,184	2,184	3,584	6,171

System has basic chemical pump for continuous feed. For varying flow rates flow paced chemical feed is required (optional)



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 MEDIA CONSISTS OF (FROM TOP TO BOTTOM) ANTHRACITE, MANGANESE GREENSAND ON A GRADED SUPPORT BED
- SYSTEM IS SUPPLIED WITH A GRADUATED CHEMICAL TANK AND STANDARD CONTINUOUS FEED CHEMICAL PUMP, (NOT SHOWN). IF THE SYSTEM HAS VARYING FLOWRATES, AN OPTIONAL FLOW PACED CHEM FEED SYSTEM MUST BE USED.



DMG SERIES MANGANESE GREENSAND SINGLE FILTER SYSTEM

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