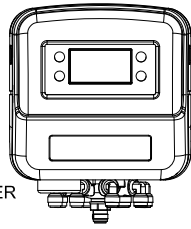


**LEGEND:**

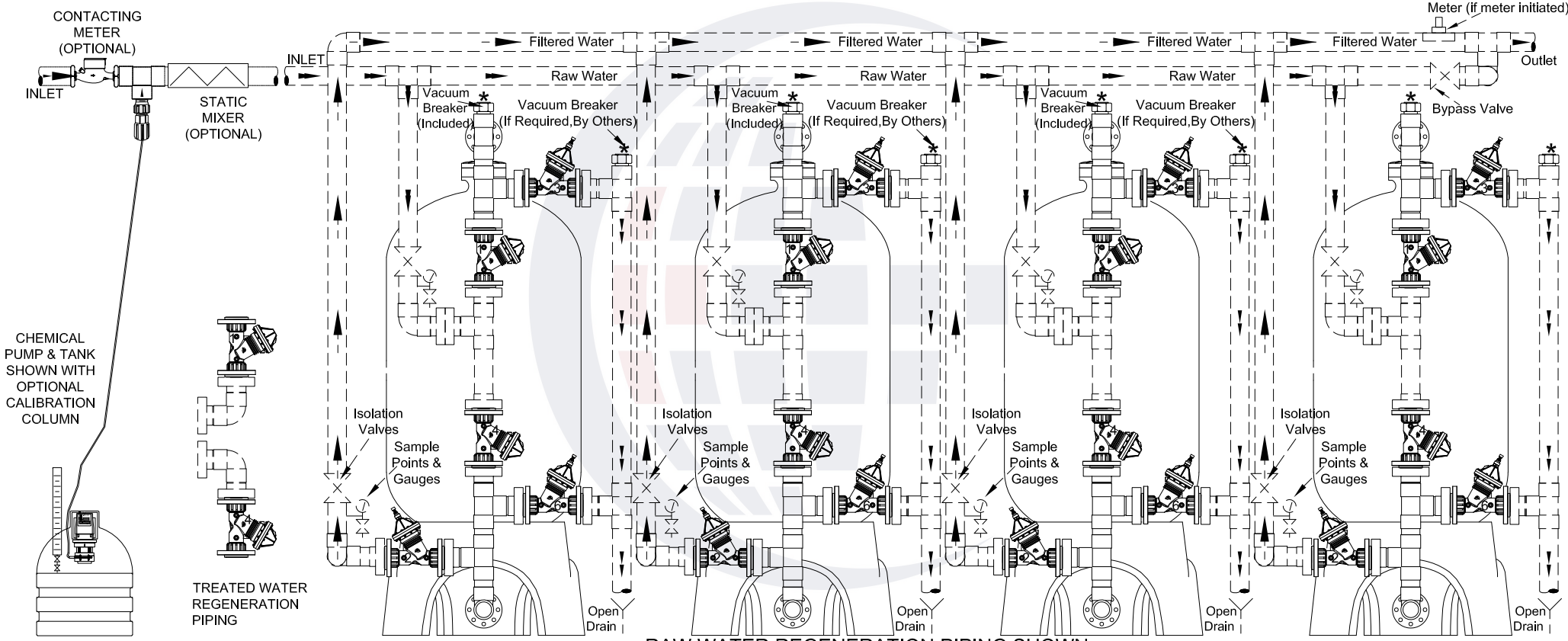
- ⊠ ISOLATION VALVE
- ⊠ BYPASS VALVE
- ⊗ PRESSURE GAUGE & SAMPLE POINT
- ∨ OPEN DRAIN
- ★ VACUUM BREAKER
- ▬ RAW WATER LINES
- ▬ FILTERED WATER LINES
- ▬ WATER TO OPEN DRAIN
- ▬ TREATED WATER LINES

STAGER  
CONTROLLER



DMG Series Quadplex Model	0-3 PPM	3-8 PPM	8-15 PPM	Max Flow To Drain	Pipe Size		Media Per Tank	Mineral Tank		Installation		Shipping Weight	Operating Weight	
	Maximum Service Flow Rate				Service	Drain		Diameter	Height	Height	Depth			Width
	USGPM	USGPM	USGPM	USGPM	in	in	ft3	in	in	in	in	in	lbs	lbs
DMG 30-2"	100	60	40	200	2"	2"	12.5	30	88	99	36	135	6,610	13,010
	6.31	3.79	2.52	12.62	50	50	0.35	762	2235	2515	914	3429	2,999	5,903
DMG 36-2"	140	84	56	280	2"	2"	17.6	36	87	100	42	159	9,033	18,233
	8.83	5.30	3.53	17.67	50	50	0.50	914	2210	2540	1067	4039	4,098	8,273
DMG 42-3"	192	116	76	380	3"	3"	24.0	42	95	108	48	183	12,314	25,914
	12.11	7.32	4.79	23.97	75	75	0.68	1067	2413	2743	1219	4648	5,587	11,758
DMG 48-3"	252	152	100	500	3"	3"	31.0	48	94	109	54	207	16,069	33,269
	15.90	9.59	6.31	31.55	75	75	0.88	1219	2388	2769	1372	5258	7,291	15,095
DMG 63-4"	432	260	168	860	3"	4"	54.0	63	96	111	69	267	30,724	53,524
	27.25	16.40	10.60	54.26	75	100	1.53	1600	2438	2819	1753	6782	13,940	24,285

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



**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 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 QUADRAPLEX FILTER SYSTEM**

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Project:	Date: 2/20/024	Rev: 0
	Dwg# DMG 04	