LEGEND:

✓ ISOLATION VALVE BYPASS VALVE

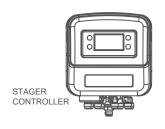
PRESSURE GAUGE & SAMPLE POINT

OPEN DRAIN

VACUUM BREAKER \*

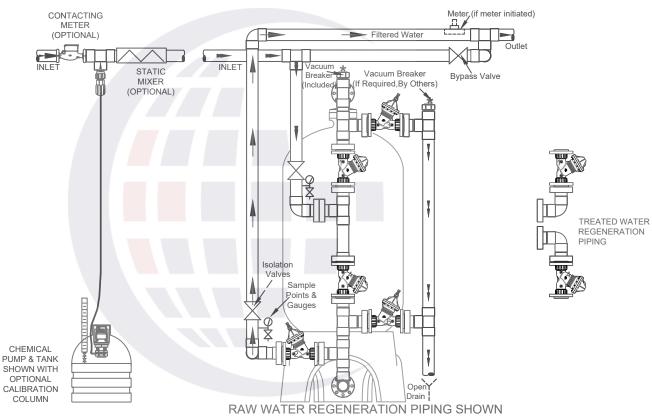
RAW WATER LINES FILTERED WATER LINES

WATER TO OPEN DRAIN



0-3 PPM	3-8 PPM	8-15 PPM	Max Flow	Pipe Size		Media	a Mineral Tank		Installation			Shipping	Operating Weight
Max Service Flow Rate			Drain	Service	Drain	Per Tank	Diameter	Height	Height	Depth	Width	weight	Weight
USGPM	USGPM	USGPM	USGPM	in	in	CF	in	in	in	in	in	lbs	lbs
I/s	I/s	I/s	I/s	mm	mm	(m³)	mm	mm	mm	mm	mm	kg	kg
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
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
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
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
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
	PPM Max S USGPM I/s 25.0 1.6 35.0 2.2 48.0 3.0 63.0 4.0 108.0	Max Service Flow   USGPM   U	PPM 3-8 PPM PPM  Max S=rvice Flow Rate  USGPM USGPM USGPM I/s I/s I/s 25.0 15.0 10.0 1.6 0.9 0.6 35.0 21.0 14.0 2.2 1.3 0.9 48.0 29.0 19.0 3.0 1.8 1.2 63.0 38.0 25.0 4.0 2.4 1.6 108.0 65.0 42.0	Second   Second	Pipe   Pipe	D-3   D-3   D-4   D-4	D-SPM PPM PPM PPM PM PTO TO Prain         S-LS PPM PPM TO PRM TO PRE TO PRAIN         Service Flow Review R	B-15 PPM         PPM         Pilow To To PPM         Pilow To To PPM         Pilow To PPM         Pilow To PPM         Per Size         Media         Minera           USGPM         USGPM         Drain         Per Tank         Diameter           J. Vs         mm         mm         (m²)         mm           25.0         15.0         10.0         50.0         2"         2"         12.5         30           35.0         21.0         14.0         70.0         2"         2"         17.6         36           2.2         1.3         0.9         4.4         50         50         0.50         914           48.0         29.0         19.0         95.0         3"         3"         24.0         42           3.0         1.8         1.2         6.0         75         75         0.68         1,067           63.0         38.0         25.0         125.0         3"         3"         31.0         48           4.0         2.4         1.6         7.9         75         75         0.88	D-SPM PMPM PPM PPM PPM PPM IN CONTRICTOR         8-15 PPM PPM PPM PTO TO T	Pipe   Fig.   Pipe   Pipe   Fig.   Pipe   Pipe	D-SPM PPM PPM PPM PPM PPM SIZE         Redia Per Tank         Mineral Tank         Installation Installation           Max S=vice Flow USGPM USGPM USGPM In	DFPM PPM PPM PPM PPM PPM NOTO         Flow PPM To PPM To Poral         Pipe Size         Media         Mineral Tank         Installation           Max S=vice Flow USGPM USGPM USGPM USGPM II         Drain Per Tank Diameter II         Height Height II         Depth Width II           J/s I/s I/s I/s II         I/s I/s II         I/s II         II	DFPM PPM PPM PPM PPM PPM NO TO TO TO A 10 PPM PPM NO PP

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



-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.

## Commercial/Industrial Engineering Division

## DMG SERIES MANGANESE GREENSAND 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
	Dwg #	DMG 01	0