

ervice in	Drain	Per Tank	Diameter	I I a lada					
in			Diameter	Height	Height	Depth	Width	Weight	Weight
	in	ft3	in	in	in	in	in	lbs	lbs
mm	mm	m3	mm	mm	mm	mm	mm	kg	kg
2"	2"	12.5	30	88	99	36	135	3,937	10,337
50	50	0.35	762	2235	2515	914	3429	1,786	4,690
2"	2"	17.6	36	87	100	42	159	5,303	14,503
50	50	0.50	914	2210	2540	1067	4039	2,406	6,580
3"	3"	24.0	42	95	108	48	183	7,211	20,811
75	75	0.68	1067	2413	2743	1219	4648	3,272	9,442
3"	3"	31.0	48	94	109	54	207	9,414	26,614
75	75	0.88	1219	2388	2769	1372	5258	4,271	12,075
3"	4"	54.0	63	96	111	69	267	19,207	42,007
100	100	1.53	1600	2438	2819	1753	6782	8,715	19,060
1	mm 2" 50 2" 50 3" 75 3" 75 3" 1100	mm mm 2" 2" 2" 50 50 50 2" 2" 50 50 3" 3" 75 75 75 3" 3" 4" 100 100	mm         mm         m3           2"         2"         12.5           50         50         0.35           2"         2"         17.6           50         50         0.50           3"         3"         24.0           75         75         0.68           3"         31.0         75           75         0.88         3"         4"         54.0           100         100         1.53         1.53	mm         mm         m3         mm           2"         2"         12.5         30           50         50         0.35         762           2"         2"         17.6         36           50         50         0.50         914           3"         3"         24.0         42           75         75         0.68         1067           3"         31.0         48           75         75         0.88         1219           3"         4"         54.0         63	mm         mm         m3         mm         mm           2"         2"         12.5         30         88           50         50         0.35         762         2235           2"         2"         17.6         36         87           50         50         0.50         914         2210           3"         3"         24.0         42         95           75         75         0.68         1067         2413           3"         3"         31.0         48         94           75         75         0.88         1219         2388           3"         4"         54.0         63         96           100         100         1.53         1600         2438	mm         mm         m3         mm         mm         mm           2"         2"         12.5         30         88         99           50         50         0.35         762         2235         2515           2"         2"         17.6         36         87         100           50         50         0.50         914         2210         2540           3"         3"         24.0         42         95         108           75         75         0.68         1067         2413         2743           3"         3"         31.0         48         94         109           75         75         0.88         1219         2388         2769           3"         4"         54.0         63         96         111           100         100         1.53         1600         2438         2819	mm         mm         m3         mm         mm         mm         mm           2"         2"         12.5         30         88         99         36           50         50         0.35         762         2235         2515         914           2"         2"         17.6         36         87         100         42           50         50         0.50         914         2210         2540         1067           3"         3"         24.0         42         95         108         48           75         75         0.68         1067         2413         2743         1219           3"         3"         31.0         48         94         109         54           75         75         0.88         1219         2388         2769         1372           3"         4"         54.0         63         96         111         69           100         100         1.53         1600         2438         2819         1753	mm         mm         m3         mm         d         mm </td <td>mm         mm         m3         mm         mm         mm         mm         mm         mm         kg           2"         2"         12.5         30         88         99         36         135         3,937           50         50         0.35         762         2235         2515         914         3429         1,786           2"         2"         17.6         36         87         100         42         159         5,303           50         50         0.50         914         2210         2540         1067         4039         2,406           3"         3"         24.0         42         95         108         48         183         7,211           75         75         0.68         1067         2413         2743         1219         4648         3,272           3"         3"         31.0         48         94         109         54         207         9,414           75         75         0.88         1219         2388         2769         1372         5258         4,271           3"         4"         54.0         63         96         111         69</td>	mm         mm         m3         mm         mm         mm         mm         mm         mm         kg           2"         2"         12.5         30         88         99         36         135         3,937           50         50         0.35         762         2235         2515         914         3429         1,786           2"         2"         17.6         36         87         100         42         159         5,303           50         50         0.50         914         2210         2540         1067         4039         2,406           3"         3"         24.0         42         95         108         48         183         7,211           75         75         0.68         1067         2413         2743         1219         4648         3,272           3"         3"         31.0         48         94         109         54         207         9,414           75         75         0.88         1219         2388         2769         1372         5258         4,271           3"         4"         54.0         63         96         111         69

Typical service based on 6 usgpm/ft2, RO pretreat based on 2.5 usgpm/ft2 & free Chlorine removal based on 10 usgpm/ft2

Meter (if meter initiated) Filtered Water Filtered Water Filtered Water Raw Water Raw Water Raw Water Vacuum ⋆ Vacuum \* Vacuum 🛧 Vacuum Breaker Vacuum Breaker Breaker 1 Vacuum Breaker Breaker U Breaker U Bypass Valve (If Required, By Others) (If Required, By Others) (If Required, By Others) (Included) (Included) (Included) -11 Isolation Isolation Isolation Isolation Valves Valves Valves Valves Sample Sample Sample Sample Points & Points & Points & Points & Gauges Gauges Gauges Gauges TREATED WATER REGENERATION Open Open Open OpenY **PIPING** Drain

## 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.

- RAW WATER REGENERATION PIPING SHOWN
   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 12 x 40 MESH, NSF APPROVED ACID WASHED COCONUT BASED ACTIVATED CARBON ON A GRADED SUPPORT BED

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DAC SERIES ACTIVATED CARBON

QUADRAPLEX FILTER SYSTEM

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