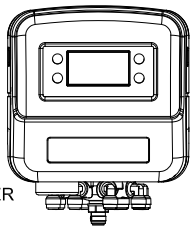


**LEGEND:**

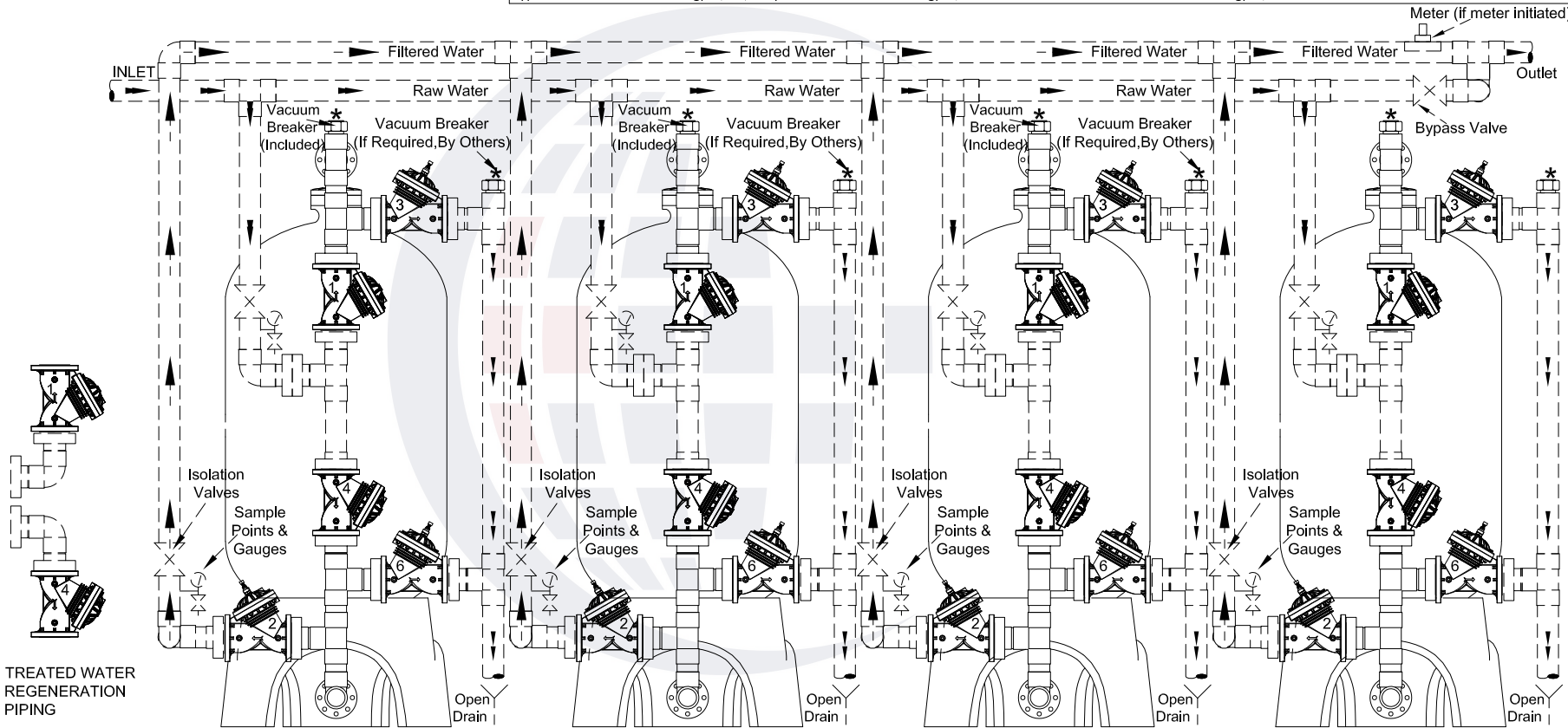
- ⊠ ISOLATION VALVE
- ⊠ BYPASS VALVE
- ⊠ PRESSURE GAUGE & SAMPLE POINT
- ∇ OPEN DRAIN
- \* VACUUM BREAKER
- ▬ RAW WATER LINES
- ▬ FILTERED WATER LINES
- ▬ WATER TO OPEN DRAIN
- ▬ TREATED WATER LINES

STAGER  
CONTROLLER



DAC Series Quadplex Model	Typical	RO	Free Chlorine	Max Flow To Drain	Pipe Size		Media Per Tank	Mineral Tank		Installation			Shipping Weight	Operating Weight
	Service Flow Rate				Service	Drain		Diameter	Height	Height	Depth	Width		
	USGPM l/s	USGPM l/s	USGPM l/s	USGPM l/s	in mm	in mm	ft3 m3	in mm	in mm	in mm	in mm	in mm	lbs kg	lbs kg
DAC 30-2"	116	48	48	50	2"	2"	12.5	30	88	99	36	135	3,937	10,337
	7.32	3.03	3.03	3.15	50	50	0.35	762	2235	2515	914	3429	1,786	4,690
DAC 36-2"	168	72	72	70	2"	2"	17.6	36	87	100	42	159	5,303	14,503
	10.60	4.54	4.54	4.42	50	50	0.50	914	2210	2540	1067	4039	2,406	6,580
DAC 42-3"	232	112	112	95	3"	3"	24.0	42	95	108	48	183	7,211	20,811
	14.64	7.07	7.07	5.99	75	75	0.68	1067	2413	2743	1219	4648	3,272	9,442
DAC 48-3"	300	148	148	125	3"	3"	31.0	48	94	109	54	207	9,414	26,614
	18.93	9.34	9.34	7.89	75	75	0.88	1219	2388	2769	1372	5258	4,271	12,075
DAC 63-4"	520	256	256	215	3"	4"	54.0	63	96	111	69	267	19,207	42,007
	32.81	16.15	16.15	13.56	100	100	1.53	1600	2438	2819	1753	6782	8,715	19,060

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



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 12 x 40 MESH, NSF APPROVED ACID WASHED COCONUT BASED ACTIVATED CARBON ON A GRADED SUPPORT BED

**DAC SERIES ACTIVATED CARBON  
QUADRAPLEX FILTER SYSTEM**

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