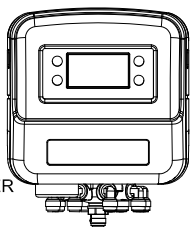


**LEGEND:**

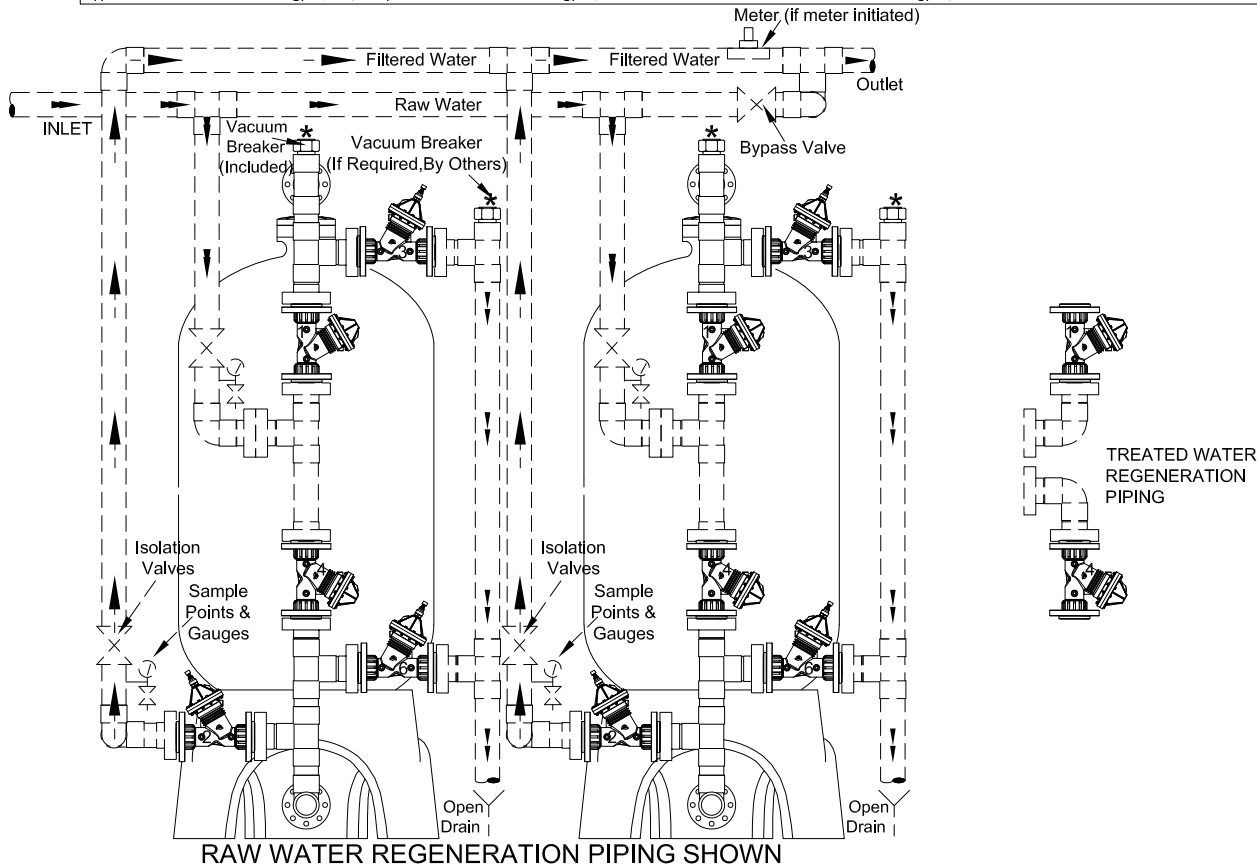
- ⊠ ISOLATION VALVE
- ⊠ BYPASS VALVE
- ⊗ PRESSURE GAUGE & SAMPLE POINT
- ∨ OPEN DRAIN
- \* VACUUM BREAKER
- ▬ RAW WATER LINES
- ▬ FILTERED WATER LINES
- ▬ WATER TO OPEN DRAIN
- ▬ TREATED WATER LINES

STAGER  
CONTROLLER



DAC Series Duplex Model	Typical	RO		Free Chlorine	Max Flow To Drain	Pipe Size		Media	Mineral Tank		Installation			Shipping Weight	Operating Weight
	Service Flow Rate					in	in	Per Tank	Diameter	Height	Height	Depth	Width		
	USGPM	USGPM	USGPM	USGPM	mm									mm	ft3
	l/s	l/s	l/s	l/s	mm	mm	m3	mm	mm	mm	mm	mm	mm	kg	kg
DAC 30-2"	58	24	24	50	2"	2"	12.5	30	88	99	36	69	1,969	5,169	
	3.66	1.51	1.51	3.15	50	50	0.35	762	2235	2515	914	1753	893	2,345	
DAC 36-2"	84	36	36	70	2"	2"	17.6	36	87	100	42	81	2,652	7,252	
	5.30	2.27	2.27	4.42	50	50	0.50	914	2210	2540	1067	2057	1,203	3,290	
DAC 42-3"	116	56	56	95	3"	3"	24.0	42	95	108	48	93	3,606	10,406	
	7.32	3.53	3.53	5.99	75	75	0.68	1067	2413	2743	1219	2362	1,636	4,721	
DAC 48-3"	150	74	74	125	3"	3"	31.0	48	94	109	54	105	4,707	13,307	
	9.46	4.67	4.67	7.89	75	75	0.88	1219	2388	2769	1372	2667	2,136	6,038	
DAC 63-4"	260	128	128	215	3"	4"	54.0	63	96	111	69	135	9,604	21,004	
	16.40	8.08	8.08	13.56	75	100	1.53	1600	2438	2819	1753	3429	4,357	9,530	

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



**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  
DUPLX FILTER SYSTEM**

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Project:	Date: 2/20/024	Rev
	Dwg# DAC 02	0