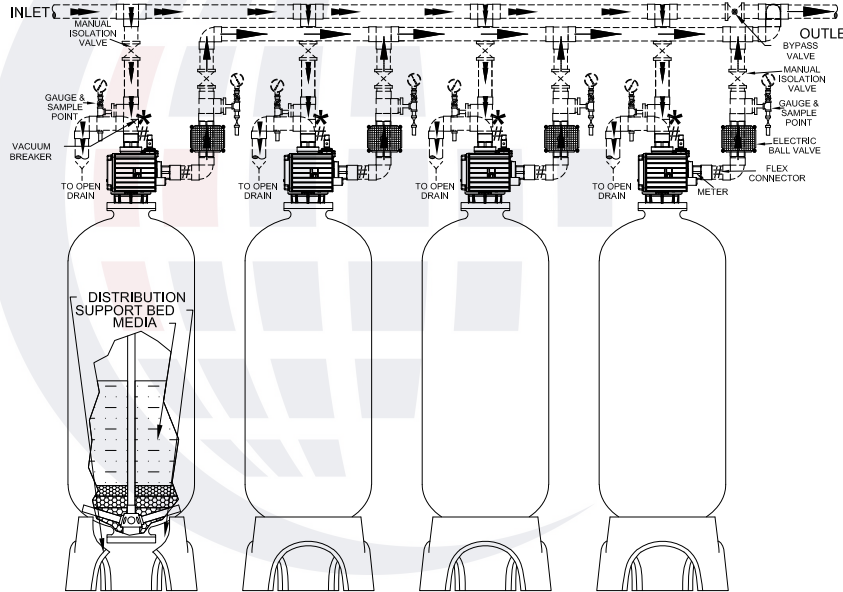


105MTS Quadplex Series Model	Typical		RO	Max Flow To Drain	Pipe Size		Media	Mineral Tank		Installation		Shipping Weight	Operating Weight
	Service Flow Rate				Service	Drain	Per Tank	Diameter	Height	Height	Depth		
	USGPM	USGPM	USGPM	in	in	ft3	in	in	in	in	in	lbs	lbs
	l/s	l/s	l/s	mm	mm	m3	mm	mm	mm	mm	mm	kg	kg
105MTS MM14- 2"*	40	32	12	2"*	2"*	2.65	14	66	85	30	71	1,795	3,395
	2.52	2.02	0.76	51	51	0.08	356	1676	2159	762	1803	815	1,540
105MTS MM16- 2"*	56	44	16	2"*	2"*	3.5	16	66	85	31	79	2,301	4,301
	3.53	2.78	1.01	51	51	0.10	406	1676	2159	787	2007	1,044	1,951
105MTS MM18- 2"*	68	52	22	2"*	2"*	4.4	18	68	87	32	87	2,737	5,137
	4.29	3.28	1.39	51	51	0.12	457	1727	2210	813	2210	1,242	2,331
105MTS MM21- 2"*	96	76	30	2"*	2"*	6.0	21	68	87	34	99	3,444	6,644
	6.06	4.79	1.89	51	51	0.17	533	1727	2210	864	2515	1,563	3,015
105MTS MM24- 2"*	120	100	43	2"*	2"*	7.7	24	76	95	35	111	4,444	8,844
	7.57	6.31	2.71	51	51	0.22	610	1,829	2,159	762	2819.4	2,016	4,013
105MTS MM30- 2"*	192	156	60	2"*	2"*	12.5	30	81	100	38	135	6,261	12,661
	12.11	9.84	3.79	51	51	0.35	762	2,057	2,540	965	3,429	2,841	5,745
105MTS MM36- 2"*	276	228	85	2"*	2"*	17.6	36	85	104	42	159	8,802	18,002
	17.41	14.38	5.36	51	51	0.50	914	2,159	2,642	1,067	4,039	3,994	8,168

Service based on 10 usgpm/ft2 RO based on 8 usgpm/ft2

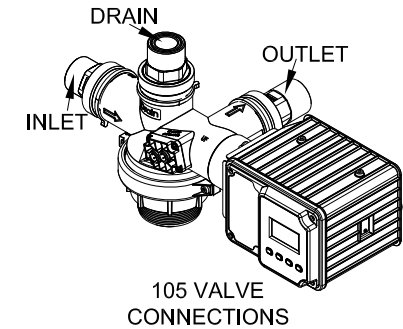
**LEGEND:**

- ⊗ ISOLATION VALVE
- ⊗ BYPASS VALVE
- ⊗ PRESSURE GAUGE & SAMPLE POINT
- ∇ OPEN DRAIN
- \* VACUUM BREAKER
- # FLEX CONNECTOR
- ▬ RAW WATER LINES
- ▬ FILTERED/SOFTENED WATER LINES
- ▬ WATER TO OPEN DRAIN
- ▬ TREATED WATER LINES
- ⊗ ELECTRONIC BALL VALVE



RAW WATER REGENERATION PIPING SHOWN

**MAIN CONTROLLER**



**NOTES:**

- FILTER(S) EQUIPPED WITH A 105 SERIES ELECTRONIC CONTROL VALVE.
- CALENDAR CLOCK INITIATED BACKWASH IS STANDARD.
- MULTI-TANK SYSTEMS ARE REGENERATED IN SERIES.
- 2" OR 1.5" NPT CONNECTIONS ARE INTERCHANGEABLE. STANDARD CONNECTION SIZE USED VARIES WITH FILTER DIAMETER.
- REQUIRES 120 VOLT, 1 PHASE, 60 Hz ELECTRICAL POWER.
- RECOMMENDED MINIMUM SYSTEM PRESSURE IS 40 PSI(275 kPa) & MAXIMUM SYSTEM PRESSURE IS 100 PSI (690 kPa). MAXIMUM TEMPERATURE IS 100°F (38°C)
- TANKS AND MEDIA ARE NSF APPROVED.
- TRIPOD TANKS TO BE SECURELY ATTACHED TO THE FLOOR.
- ALL EXTERNAL PIPING, FITTINGS, INTERCONNECTING PIPING, ISOLATION & SAMPLE VALVES AND GAUGES SHOWN BY BROKEN LINES ARE BY OTHERS
- DUE TO SLIGHT EXPANSION AND CONTRACTION OF MINERAL TANKS, PIPING MUST BE DESIGNED TO ALLOW SOME MOVEMENT AS WELL AS PROTECTED FROM VACUUM. FLEX CONNECTORS AND A VACUUM BREAKER MAY BE REQUIRED. FAILURE TO PROPERLY INSTALL THEM MAY VOID THE WARRANTY.

- 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 (FROM TOP TO BOTTOM) NSF APPROVED ANTRAFIL, FINE FILTER SAND FINE & COARSE GARNET ON A GRADED SUPPORT BED

Model: 105 MTS MM 14 - 2" QC000

**105 MULTIMEDIA  
QUADPLEX FILTER**

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Project:	Date: 2/20/024	Rev
	Dwg# 105F-Q-MM	0