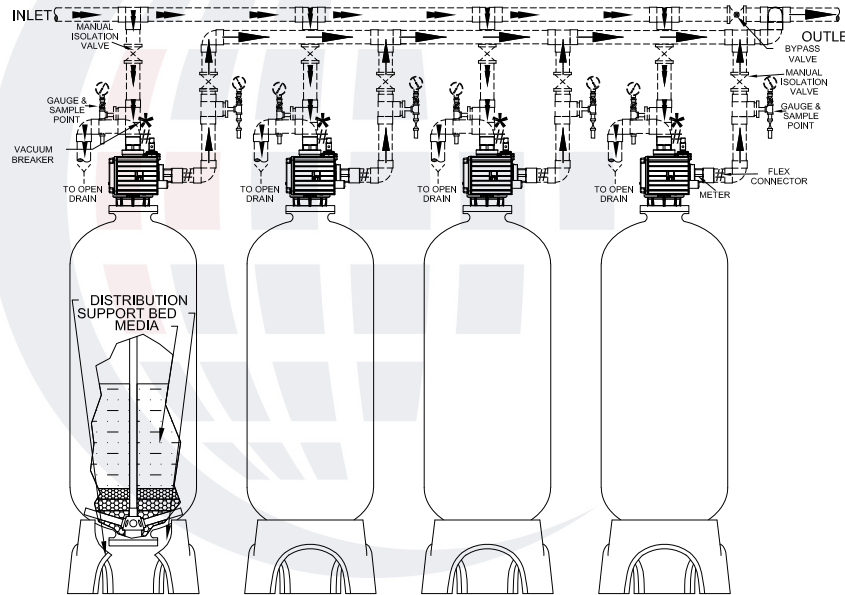


| 105MTS Quadplex Series Model | Typical | RO | Free Chlorine | Max Flow To Drain | Pipe Size | | Media | Mineral Tank | | Installation | | | Shipping Weight | Operating Weight |
|------------------------------|-------------------|-------|---------------|-------------------|-----------|-------|----------|--------------|--------|--------------|-------|--------|-----------------|------------------|
| | Service Flow Rate | | | | Service | Drain | Per Tank | Diameter | Height | Height | Depth | Width | | |
| | USGPM | USGPM | USGPM | USGPM | in | in | ft3 | in | in | in | in | in | lbs | lbs |
| 105MTS AC14-2"* | 24 | 12 | 44 | 9.5 | 2"* | 2"* | 2.65 | 14 | 66 | 85 | 30 | 71 | 1,217 | 2,817 |
| | 1.51 | 0.76 | 2.78 | 0.60 | 51 | 51 | 0.08 | 356 | 1676 | 2159 | 762 | 1803 | 552 | 1,278 |
| 105MTS AC16-2"* | 32 | 16 | 56 | 15 | 2"* | 2"* | 3.5 | 16 | 66 | 85 | 31 | 79 | 1,534 | 3,534 |
| | 2.02 | 1.01 | 3.53 | 0.95 | 51 | 51 | 0.10 | 406 | 1676 | 2159 | 787 | 2007 | 696 | 1,604 |
| 105MTS AC18-2"* | 40 | 20 | 72 | 20 | 2"* | 2"* | 4.4 | 18 | 68 | 87 | 32 | 87 | 1,776 | 4,176 |
| | 2.52 | 1.26 | 4.54 | 1.26 | 51 | 51 | 0.12 | 457 | 1727 | 2210 | 813 | 2210 | 806 | 1,895 |
| 105MTS AC21-2"* | 56 | 28 | 96 | 24 | 2"* | 2"* | 6.0 | 21 | 68 | 87 | 34 | 99 | 2,121 | 5,321 |
| | 3.53 | 1.77 | 6.06 | 1.51 | 51 | 51 | 0.17 | 533 | 1727 | 2210 | 864 | 2515 | 963 | 2,414 |
| 105MTS AC24-2"* | 76 | 32 | 124 | 30 | 2"* | 2"* | 7.7 | 24 | 76 | 95 | 35 | 111 | 2,735 | 7,135 |
| | 4.79 | 2.02 | 7.82 | 1.89 | 51 | 51 | 0.22 | 610 | 1,829 | 2,159 | 762 | 2819.4 | 1,241 | 3,237 |
| 105MTS AC30-2"* | 116 | 48 | 196 | 51 | 2"* | 2"* | 12.5 | 30 | 81 | 100 | 38 | 135 | 3,590 | 9,990 |
| | 7.32 | 3.03 | 12.37 | 3.22 | 51 | 51 | 0.35 | 762 | 2,057 | 2,540 | 965 | 3,429 | 1,629 | 4,533 |
| 105MTS AC36-2"* | 168 | 72 | 284 | 70 | 2"* | 2"* | 17.6 | 36 | 85 | 104 | 42 | 159 | 4,910 | 14,110 |
| | 10.60 | 4.54 | 17.92 | 4.42 | 51 | 51 | 0.50 | 914 | 2,159 | 2,642 | 1,067 | 4,039 | 2,228 | 6,402 |

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

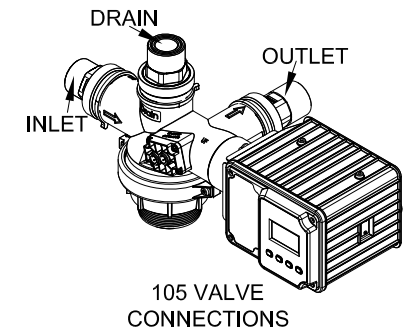
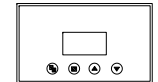
LEGEND:

- ⊗ 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 ANTRAFILT, FINE FILTER SAND FINE & COARSE GARNET ON A GRADED SUPPORT BED

Model: 105 MTS MM 24 - 2" QC000

105 ACTIVATED CARBON QUADPLEX FILTER

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