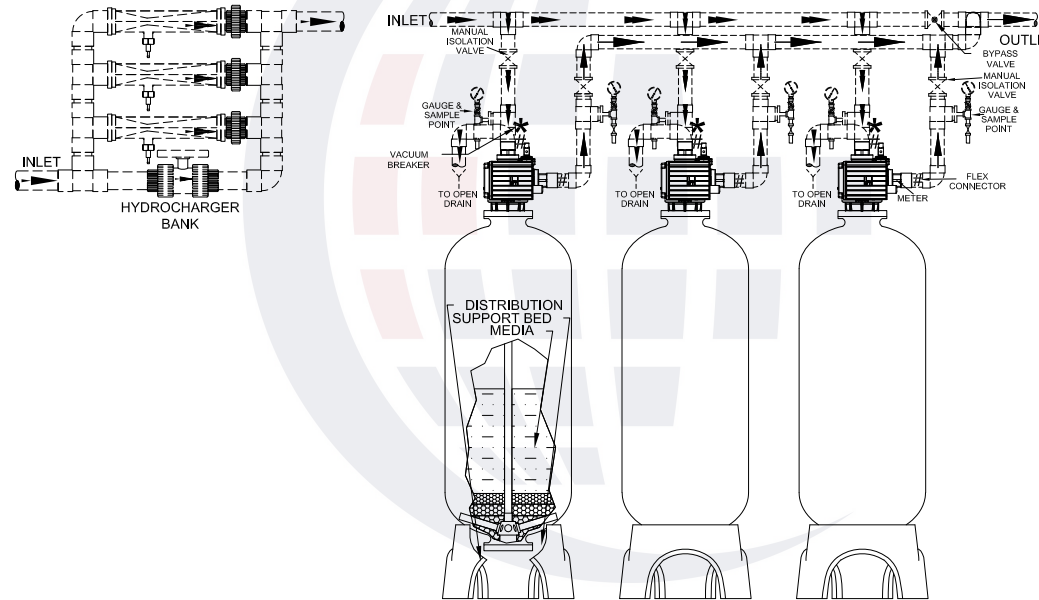


| 105MTS Triplex Series Model | Typical | | Peak | Max Flow To Drain | Pipe Size | | Media | Mineral Tank | | Installation | | | Shipping Weight | Operating Weight |
|-----------------------------------|-------------------|-------|-----------|----------------------|-----------|-------|----------|--------------|--------|--------------|--------|-------|--------------------|---------------------|
| | Service Flow Rate | | Flow Rate | | Service | Drain | Per Tank | Diameter | Height | Height | Depth | Width | | |
| | USGPM | USGPM | USGPM | in | in | ft3 | in | in | in | in | in | in | lbs | lbs |
| | l/s | l/s | l/s | mm | mm | m3 | mm | mm | mm | mm | mm | mm | kg | kg |
| 105MTS CF14- 2"* | 9 | 15 | 12 | 2"* | 2"* | 2.65 | 14 | 66 | 85 | 30 | 54 | 1,427 | 2,627 | |
| | 0.57 | 0.95 | 0.76 | 51 | 51 | 0.08 | 356 | 1676 | 2159 | 762 | 1372 | 647 | 1,192 | |
| 105MTS CF16- 2"* | 12 | 21 | 16 | 2"* | 2"* | 3.5 | 16 | 66 | 85 | 31 | 60 | 1,760 | 3,260 | |
| | 0.76 | 1.32 | 1.01 | 51 | 51 | 0.10 | 406 | 1676 | 2159 | 787 | 1524 | 799 | 1,479 | |
| 105MTS CF18- 2"* | 15 | 27 | 22 | 2"* | 2"* | 4.4 | 18 | 68 | 87 | 32 | 66 | 2,222 | 4,022 | |
| | 0.95 | 1.70 | 1.39 | 51 | 51 | 0.12 | 457 | 1727 | 2210 | 813 | 1676 | 1,008 | 1,825 | |
| 105MTS CF21- 2"* | 21 | 36 | 30 | 2"* | 2"* | 6.0 | 21 | 68 | 87 | 34 | 75 | 2,757 | 5,157 | |
| | 1.32 | 2.27 | 1.89 | 51 | 51 | 0.17 | 533 | 1727 | 2210 | 864 | 1905 | 1,251 | 2,340 | |
| 105MTS CF24- 2"* | 27 | 48 | 30 | 2"* | 2"* | 7.7 | 24 | 76 | 95 | 35 | 84 | 3,505 | 6,805 | |
| | 1.70 | 3.03 | 1.89 | 51 | 51 | 0.22 | 610 | 1,829 | 2,159 | 762 | 2133.6 | 1,590 | 3,087 | |
| 105MTS CF30- 2"* | 45 | 75 | 50 | 2"* | 2"* | 12.5 | 30 | 81 | 100 | 38 | 102 | 4,988 | 9,788 | |
| | 2.84 | 4.73 | 3.15 | 51 | 51 | 0.35 | 762 | 2,057 | 2,540 | 965 | 2,591 | 2,263 | 4,441 | |
| 105MTS CF36- 2"* | 63 | 105 | 70 | 2"* | 2"* | 17.6 | 36 | 85 | 104 | 42 | 120 | 6,685 | 13,585 | |
| | 3.97 | 6.62 | 4.42 | 51 | 51 | 0.50 | 914 | 2,159 | 2,642 | 1,067 | 3,048 | 3,033 | 6,164 | |

Service based on 3 usgpm/ft2, Peak based on 5 usgpm/ft2. System must be designed to draw air continuously.
Hydrocharger (air induction) system sold separately.

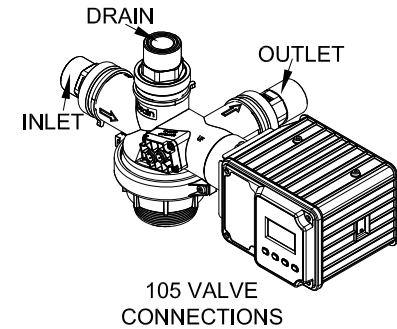
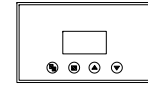
LEGEND:

- ⊗ 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 MTSMM 18 - 2" TC000

**105 CHEM FREE
TRIPLEX FILTER**

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| | | |
|----------|----------------|-----|
| Project: | Date: 2/20/024 | Rev |
| | Dwg# 105F-T-CF | 0 |