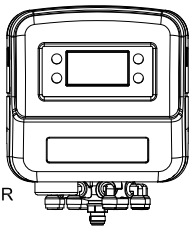


**LEGEND:**

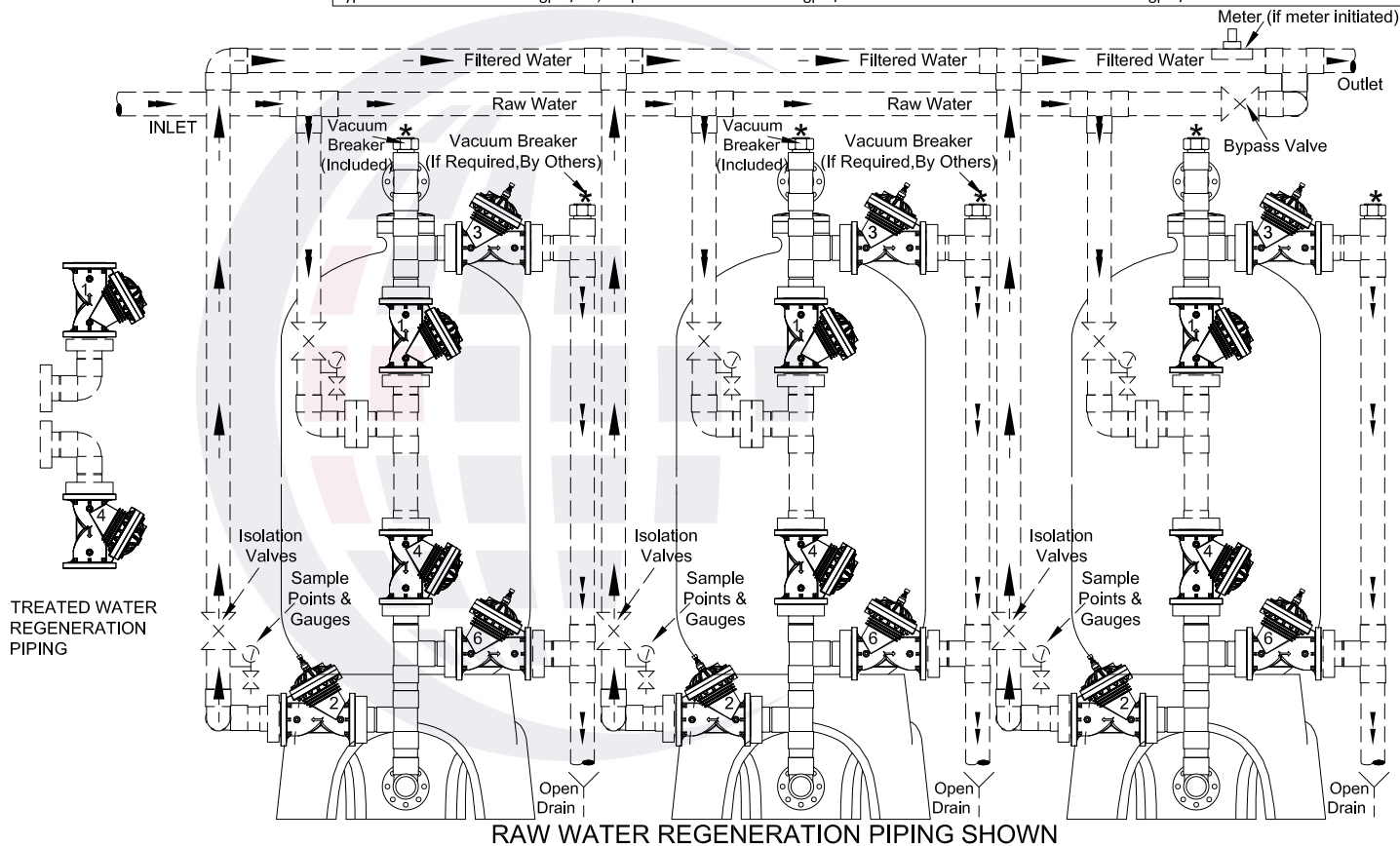
- ⊠ ISOLATION VALVE
- ⊠ BYPASS VALVE
- ⊗ PRESSURE GAUGE & SAMPLE POINT
- ∨ OPEN DRAIN
- \* VACUUM BREAKER
- ▬ RAW WATER LINES
- ▬ FILTERED WATER LINES
- ▬ WATER TO OPEN DRAIN
- ▬ TREATED WATER LINES

STAGER  
CONTROLLER



| DAC Series<br>Triplex<br>Model | Typical           | RO    | Free Chlorine | Max Flow<br>To Drain | Pipe Size |       | Media    | Mineral Tank |        | Installation |       | Shipping<br>Weight | Operating<br>Weight |        |
|--------------------------------|-------------------|-------|---------------|----------------------|-----------|-------|----------|--------------|--------|--------------|-------|--------------------|---------------------|--------|
|                                | Service Flow Rate |       |               |                      | Service   | Drain | Per Tank | Diameter     | Height | Height       | Depth |                    |                     | Width  |
|                                | USGPM             | USGPM | USGPM         | USGPM                | in        | mm    | ft3      | in           | in     | in           | in    | in                 | lbs                 | lbs    |
| DAC 30-2"                      | 87                | 36    | 36            | 50                   | 2"        | 2"    | 12.5     | 30           | 88     | 99           | 36    | 102                | 2,953               | 7,753  |
|                                | 5.49              | 2.27  | 2.27          | 3.15                 | 50        | 50    | 0.35     | 762          | 2235   | 2515         | 914   | 2591               | 1,340               | 3,518  |
| DAC 36-2"                      | 126               | 54    | 54            | 70                   | 2"        | 2"    | 17.6     | 36           | 87     | 100          | 42    | 120                | 3,977               | 10,877 |
|                                | 7.95              | 3.41  | 3.41          | 4.42                 | 50        | 50    | 0.50     | 914          | 2210   | 2540         | 1067  | 3048               | 1,805               | 4,935  |
| DAC 42-3"                      | 174               | 84    | 84            | 95                   | 3"        | 3"    | 24.0     | 42           | 95     | 108          | 48    | 138                | 5,408               | 15,608 |
|                                | 10.98             | 5.30  | 5.30          | 5.99                 | 75        | 75    | 0.68     | 1067         | 2413   | 2743         | 1219  | 3505               | 2,454               | 7,082  |
| DAC 48-3"                      | 225               | 111   | 111           | 125                  | 3"        | 3"    | 31.0     | 48           | 94     | 109          | 54    | 156                | 7,061               | 19,961 |
|                                | 14.20             | 7.00  | 7.00          | 7.89                 | 75        | 75    | 0.88     | 1219         | 2388   | 2769         | 1372  | 3962               | 3,204               | 9,057  |
| DAC 63-4"                      | 390               | 192   | 192           | 215                  | 3"        | 4"    | 54.0     | 63           | 96     | 111          | 69    | 201                | 14,406              | 31,506 |
|                                | 24.61             | 12.11 | 12.11         | 13.56                | 100       | 100   | 1.53     | 1600         | 2438   | 2819         | 1753  | 5105               | 6,536               | 14,295 |

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  
TRIPLEX FILTER SYSTEM**

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|          |                |     |
|----------|----------------|-----|
| Project: | Date: 2/20/024 | Rev |
|          | Dwg# DAC 03    | 0   |