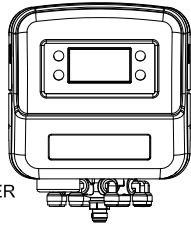


**LEGEND:**

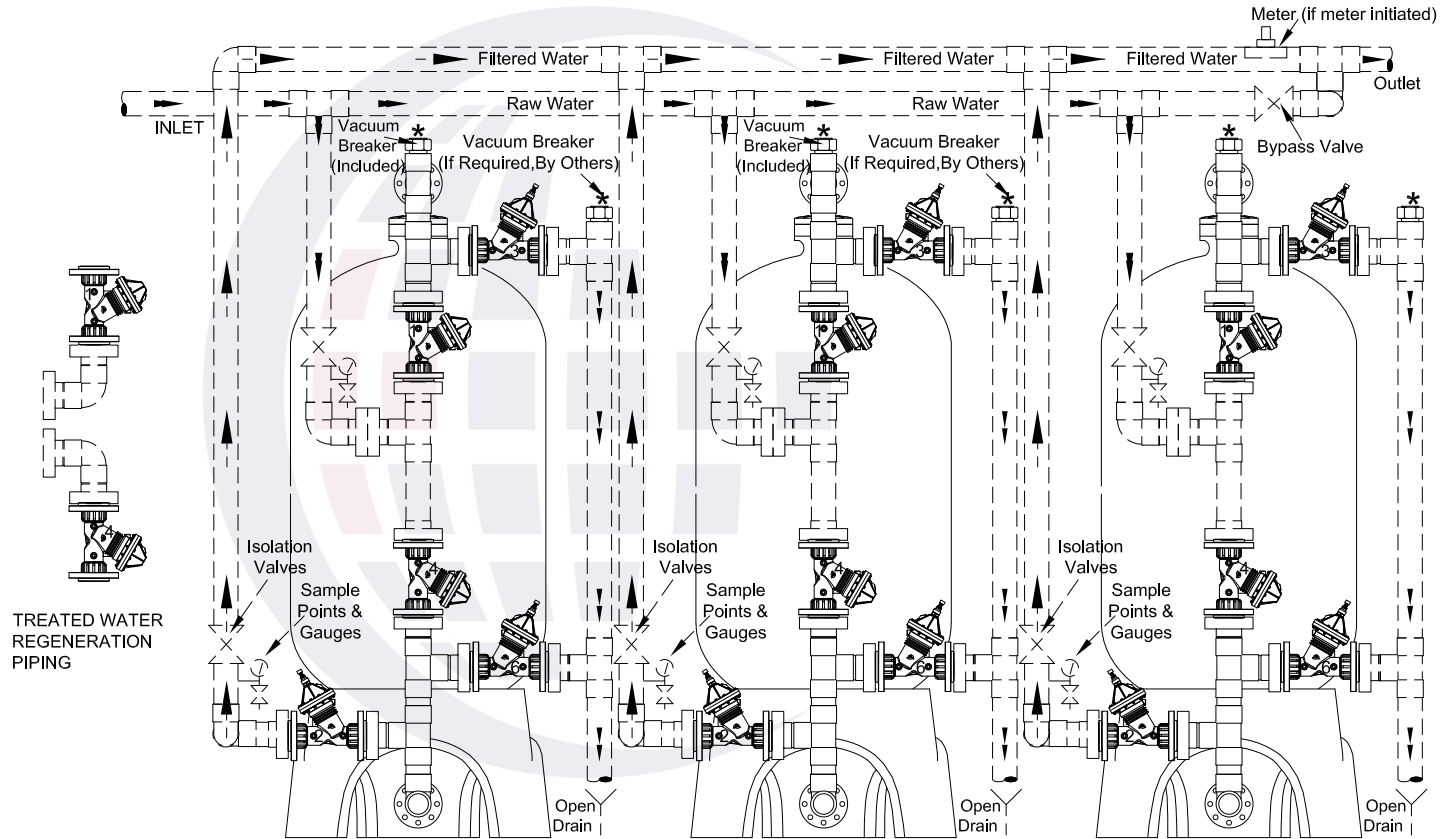
- ⊠ ISOLATION VALVE
- ⊠ BYPASS VALVE
- ⊙ PRESSURE GAUGE & SAMPLE POINT
- ∨ OPEN DRAIN
- \* VACUUM BREAKER
- ▬ RAW WATER LINES
- ▬ FILTERED WATER LINES
- ▬ WATER TO OPEN DRAIN
- ▬ TREATED WATER LINES

STAGER  
CONTROLLER



| DBF Series<br>Triplex<br>Model | Typical Service Flow Rate |       | Max Flow To Drain |     | Pipe Size |      | Media           | Mineral Tank |        | Installation |        | Shipping Weight | Operating Weight |     |
|--------------------------------|---------------------------|-------|-------------------|-----|-----------|------|-----------------|--------------|--------|--------------|--------|-----------------|------------------|-----|
|                                | USGPM                     | l/s   | in                | mm  | in        | mm   | Per Tank<br>ft3 | Diameter     | Height | Height       | Depth  | Width           | lbs              | lbs |
|                                |                           |       |                   |     |           |      |                 | in           | in     | in           | in     | in              |                  |     |
| DBF 30-2"                      | 75                        | 50    | 2"                | 2"  | 12.5      | 30   | 88              | 99           | 36     | 102          | 3,445  | 8,245           |                  |     |
|                                | 4.73                      | 3.15  | 50                | 50  | 0.35      | 762  | 2235            | 2515         | 914    | 2591         | 1,563  | 3,741           |                  |     |
| DBF 36-2"                      | 105                       | 70    | 2"                | 2"  | 17.6      | 36   | 87              | 100          | 42     | 120          | 4,670  | 11,570          |                  |     |
|                                | 6.62                      | 4.42  | 50                | 50  | 0.50      | 914  | 2210            | 2540         | 1067   | 3048         | 2,119  | 5,250           |                  |     |
| DBF 42-3"                      | 144                       | 95    | 3"                | 3"  | 24.0      | 42   | 95              | 108          | 48     | 138          | 6,353  | 16,553          |                  |     |
|                                | 9.08                      | 5.99  | 75                | 75  | 0.68      | 1067 | 2413            | 2743         | 1219   | 3505         | 2,883  | 7,511           |                  |     |
| DBF 48-3"                      | 189                       | 125   | 3"                | 3"  | 31.0      | 48   | 94              | 109          | 54     | 156          | 8,281  | 21,181          |                  |     |
|                                | 11.92                     | 7.89  | 75                | 75  | 0.88      | 1219 | 2388            | 2769         | 1372   | 3962         | 3,757  | 9,610           |                  |     |
| DBF 63-4"                      | 324                       | 215   | 3"                | 4"  | 54.0      | 63   | 96              | 111          | 69     | 201          | 16,532 | 33,632          |                  |     |
|                                | 20.44                     | 13.56 | 75                | 100 | 1.53      | 1600 | 2438            | 2819         | 1753   | 5105         | 7,501  | 15,259          |                  |     |

Service flow rate based on 5 usgpm/ft2. Hydrocharger (air induction) system sold separately.



**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 NSF APPROVED BIRM MEDIA ON A GRADED SUPPORT BED
- IF OPTIONAL AIR DRAW SYSTEM USED THE SYSTEM MUST BE DESIGNED SO THE HYDROCHARGER BANK DRAWS AIR CONTINUOUSLY.

**DBF SERIES BIRM  
TRIPLEX FILTER SYSTEM**

THIS DOCUMENT CONTAINS INFORMATION WHICH IS PROPRIETARY TO CANATURE WATERGROUP. THE REPRODUCTION, TRANSFER, OR OTHER EXPLOITATION OF ANY INFORMATION CONTAINED HEREIN IS NOT PERMITTED WITHOUT PRIOR WRITTEN APPROVAL OF CANATURE WATERGROUP. THE MANUFACTURER RESERVES THE RIGHT TO MAKE PRODUCT REVISIONS, WHICH MAY DEVIATE FROM THE SPECIFICATIONS AND DESCRIPTIONS STATED HEREIN WITHOUT OBLIGATION TO CHANGE PREVIOUSLY MANUFACTURED PRODUCTS OR TO NOTE THE CHANGE. NOT DRAWN TO THE SCALE UNLESS OTHERWISE SPECIFIED.



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