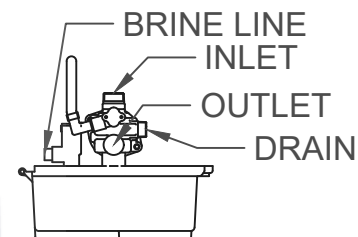
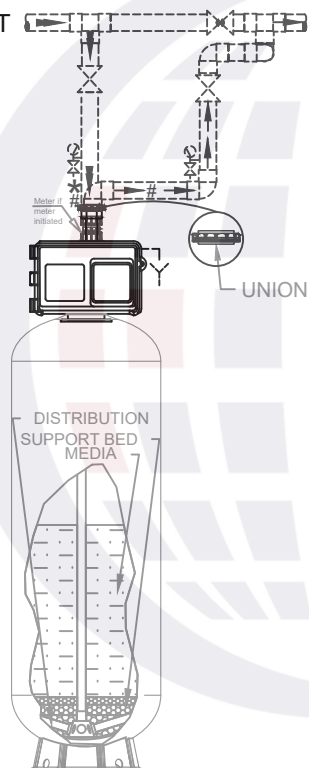


| Model (Single) | Max Service | Max Flow To | Pipe Size | | Media | Mineral Tank | | Installation | | | Shipping | Operating |
|----------------|-------------|-------------|-----------|-------|----------|--------------|--------|--------------|-------|-------|----------|-----------|
| | Flow Rate | Drain | Service | Drain | Per Tank | Diameter | Height | Height | Depth | Width | Weight | Weight |
| | USGPM | USGPM | in | in | CF | in | in | in | in | in | lbs | lbs |
| | l/s | l/s | mm | mm | m³ | mm | mm | mm | mm | mm | kg | kg |
| CW BF14-1" | 5 | 10 | 1" | 1" | 2.5 | 14 | 65 | 79 | 20 | 20 | 307 | 707 |
| | 0.32 | 0.63 | 25 | 25 | 0.071 | 356 | 1,651 | 2,007 | 508 | 508 | 139 | 321 |
| CW BF16-1" | 7 | 15 | 1" | 1" | 3.5 | 16 | 65 | 79 | 22 | 22 | 366 | 866 |
| | 0.44 | 0.95 | 25 | 25 | 0.01 | 406 | 1,651 | 2,007 | 559 | 559 | 166 | 393 |
| CW BF18-1" | 9 | 15 | 1" | 1" | 4.5 | 18 | 65 | 79 | 24 | 24 | 466 | 1,066 |
| | 0.57 | 0.95 | 25 | 25 | 0.127 | 475 | 1,651 | 2,007 | 610 | 610 | 211 | 484 |

INLET OUTLET



- LEGEND:
- ISOLATION VALLVE
 - BYPASS VALVE
 - PRESSURE GAUGE & SAMPLE POINT
 - OPEN DRAIN
 - VACUUM BREAKER
 - RAW WATER LINES
 - FILTERED/SOFTENED WATER LINES
 - WATER TO OPEN DRAIN
 - TREATED WATER LINES
 - ELECTRONIC BALL VALVE
 - UNION OR FLANGE
 - DIAPHRAGM VALVE

NOTES

- SINGLE FILTER, CALENDAR CLOCK INITIATED.
- FILTER EQUIPPED WITH 1" VALVES WITH ELECTRONIC CONTROLLER.
- MAXIMUM RECOMMENDED SYSTEM PRESSURE IS 100 PSI (690 kPa) AND MINIMUM INLET PRESSURE IS 40 PSI.
- MAXIMUM RECOMMENDED SYSTEM TEMPERATURE IS 100 °F (38 °C).
- REQUIRES 120 VOLT, 1 PHASE, 60 Hz ELECTRICAL POWER.
- ALL EXTERNAL PIPING, FITTINGS, AND VALVES SHOWN BY BROKEN LINES ARE SUPPLIED BY OTHERS.
- MINERAL TANKS AND MEDIA ARE NSF APPROVED.
- DUE TO SLIGHT EXPANSION AND CONTRACTION OF MINERAL TANK, PIPING MUST BE DESIGNED TO ALLOW SOME MOVEMENT. AS WELL AS BE PROTECTED FROM VACUUM. FLEX CONNECTORS AND A VACUUM BREAKER MAY BE REQUIRED. FAILURE TO INSTALL EITHER OF THEM OR IMPROPERLY INSTALL THEM MAY VOID THE WARRANTY.

- SYSTEM MUST BE INSTALLED TO COMPLY WITH ALL FEDERAL, STATE, PROVINCIAL, & LOCAL CODES.
- FLOOR DRAINS MUST BE SIZED TO CARRY THE MAX. LISTED FLOW TO DRAIN.
- REFER TO THE INSTALLATION AND OPERATION MANUAL FOR FURTHER DETAILS.
- USE PROPER UNION OR FLANGE FOR THE PIPE CONNECTION TO VALVE FOR EASY MAINTENANCE.
- 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.

CW BIRM FILTER 1" SINGLE SYSTEM

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| Project _____ | Date 10-18-2017 | Rev _____ |
| | Dwg # CW BF1S | 0 |