



CS23H Series

Water Softener

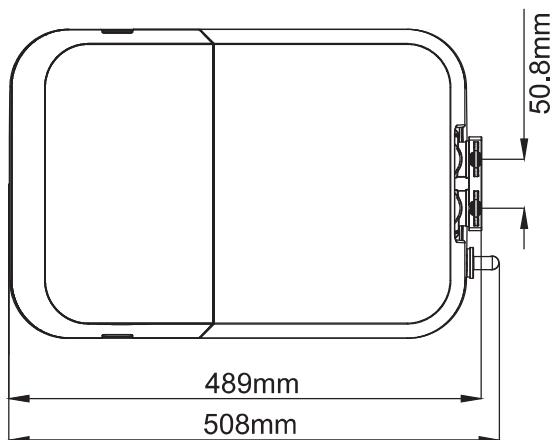
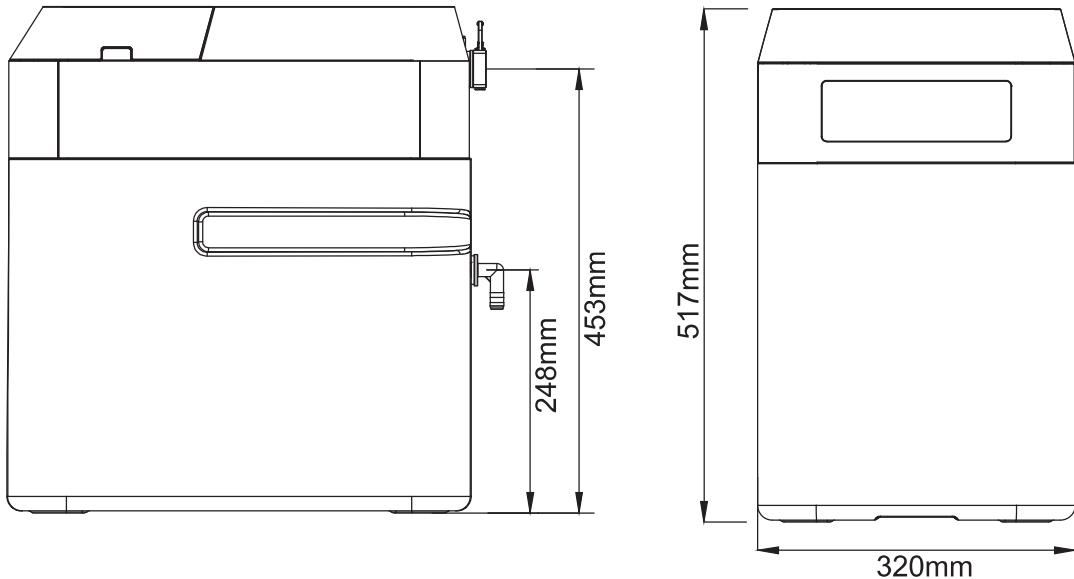
SOFTENER SYSTEM SPECIFICATIONS

BNT850HE-PRO CONTROL VALVE

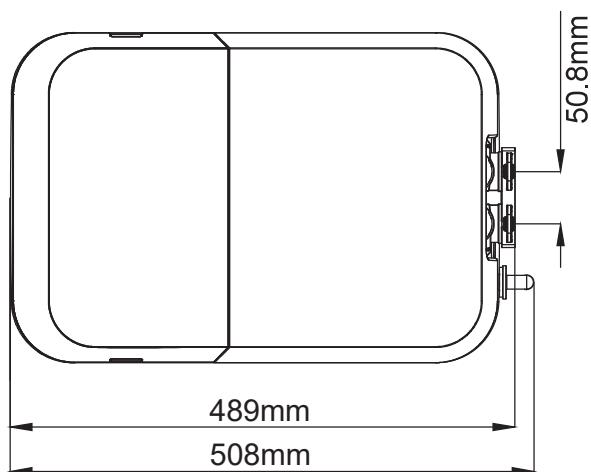
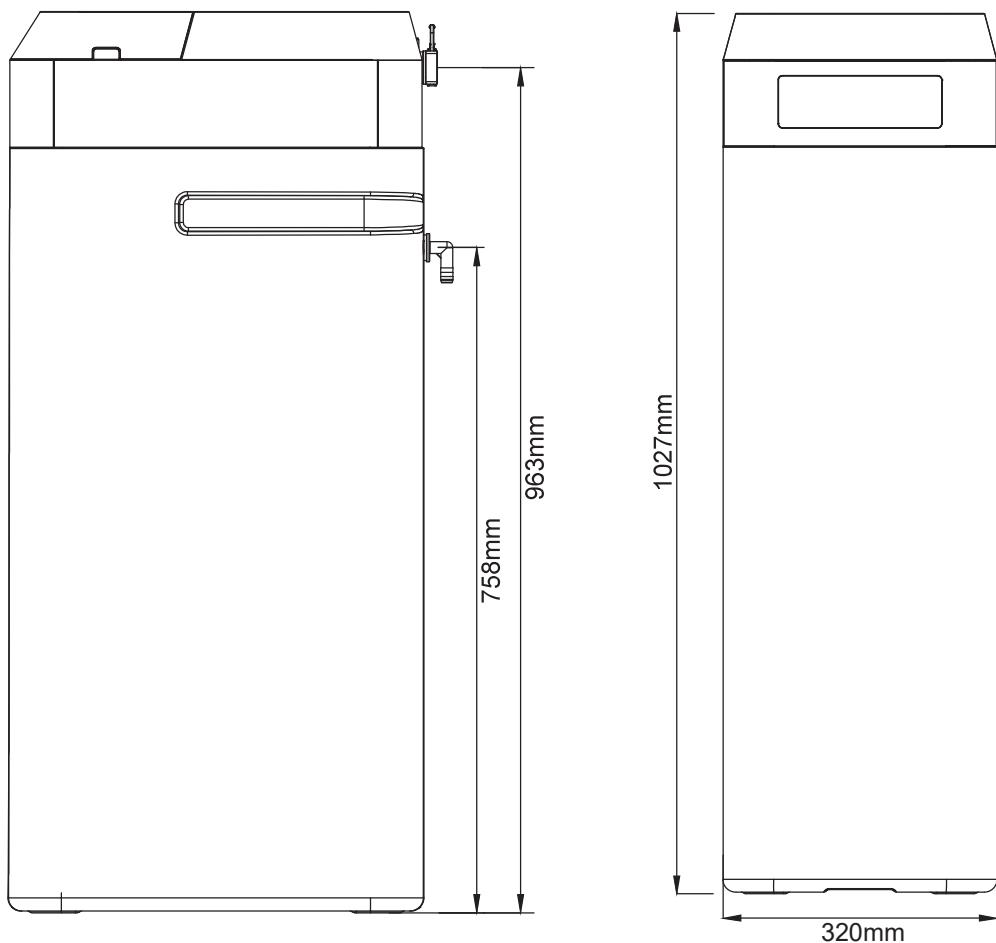
| System Configuration | | | |
|---|--|------------------------|--------------|
| Model | CS23H-0915 | CS23H-1035 | CS23H-1044 |
| Control System | BNT850HE-Pro Control Valve | | |
| Regeneration Mode | Meter Immediate, Meter Delayed, Day Override, Vacation | | |
| Tank Size(Inch) | 09x15 | 1035 | 1044 |
| Media Loaded | Yes | Yes | Yes |
| Sand Quantity | / | 5 | 5 |
| Resin Type | Extremely High Capacity Ion Exchange Resin(001×8FG) | | |
| Resin Quantity(L) | 10 | 30 | 42 |
| Distributor Pilot | OD 1.05 | | |
| Salt Storage Capacity(Kg) | 23 | 60 | 75 |
| Valve Configuration | | | |
| Regeneration Type | UP Flow | | |
| Injector | 0000# Black | 0000# Black | 0000# Black |
| BLFC(gpm) | 0.2 | 0.2 | 0.3 |
| DLFC(gpm) | 1.5 | 2.4 | 2.0 |
| Performance(96g/L Salt Dosage) | | | |
| Hardness Removal(Gram) | 377 | 1590 | 2175 |
| Back Wash Flow Rate(L/M) | 5.7 | 9.0 | 7.6 |
| Rated Service Flow Rate(m ³ /h) | 1.0 | 2.0 | 2.2 |
| Salt Used - Per Regeneration(Kg) | 0.96 | 2.88 | 4.03 |
| Water Used - Regeneration(L) | 57 | 118 | 138 |
| Recommended Cycle Settings(96g/L Salt Dosage) | | | |
| Brine Duration Setting(Min) | 40 | 90 | 113 |
| Backwash Duration Setting(Min) | 2 | 2 | 4 |
| Rinse Duration Setting(Min) | 4 | 5 | 5 |
| Refill Duration Setting(Min) | 4.5 | 13.9 | 15.1 |
| Installation Requirements | | | |
| Water Supply | Municipal | | |
| Operating Pressure(MPa) | 0.21 ~ 0.86 | | |
| Water Temperature(°C) | 1 ~ 39 | | |
| Plumbing Connections | 3/4" or 1" Fittings Available | | |
| Electrical Requirements | Input | 100V - 240V AC 50/60Hz | |
| | Output | 12V DC 1.0A | |
| | Battery | 9V DC(6LR61) | |
| Shipping Information | | | |
| Carton Size(mm) | 370×538×672 | 370×538×1180 | 370×538×1408 |
| Shipping Weight(Kg) | 22.5 | 50 | 64 |

- Capacities of conditioners may deviate from the chart above depending on flow rates and raw water conditions.
- Changing salt settings from factory setting may require changing injector sizes to achieve stated capacities.
- Iron content must not exceed 1 ppm. Beyond 1 ppm an iron softener must be used.
- The manufacturer reserves the right to make product improvements which may deviate from the specifications and descriptions stated herein, without obligation to change previously manufactured products or to note the change.
- Do not use water that is microbiologically unsafe without adequate disinfection before or after the system.

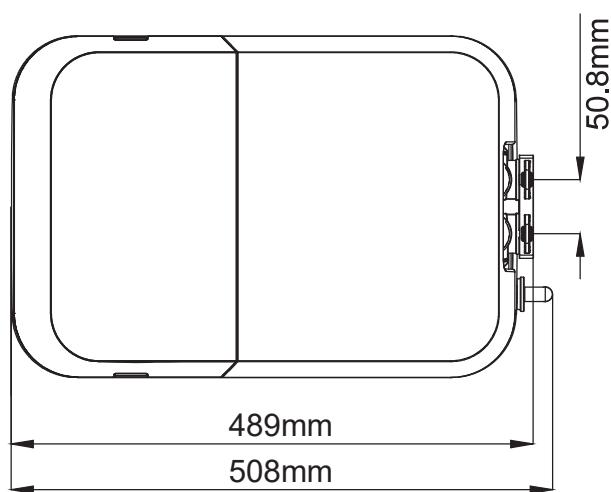
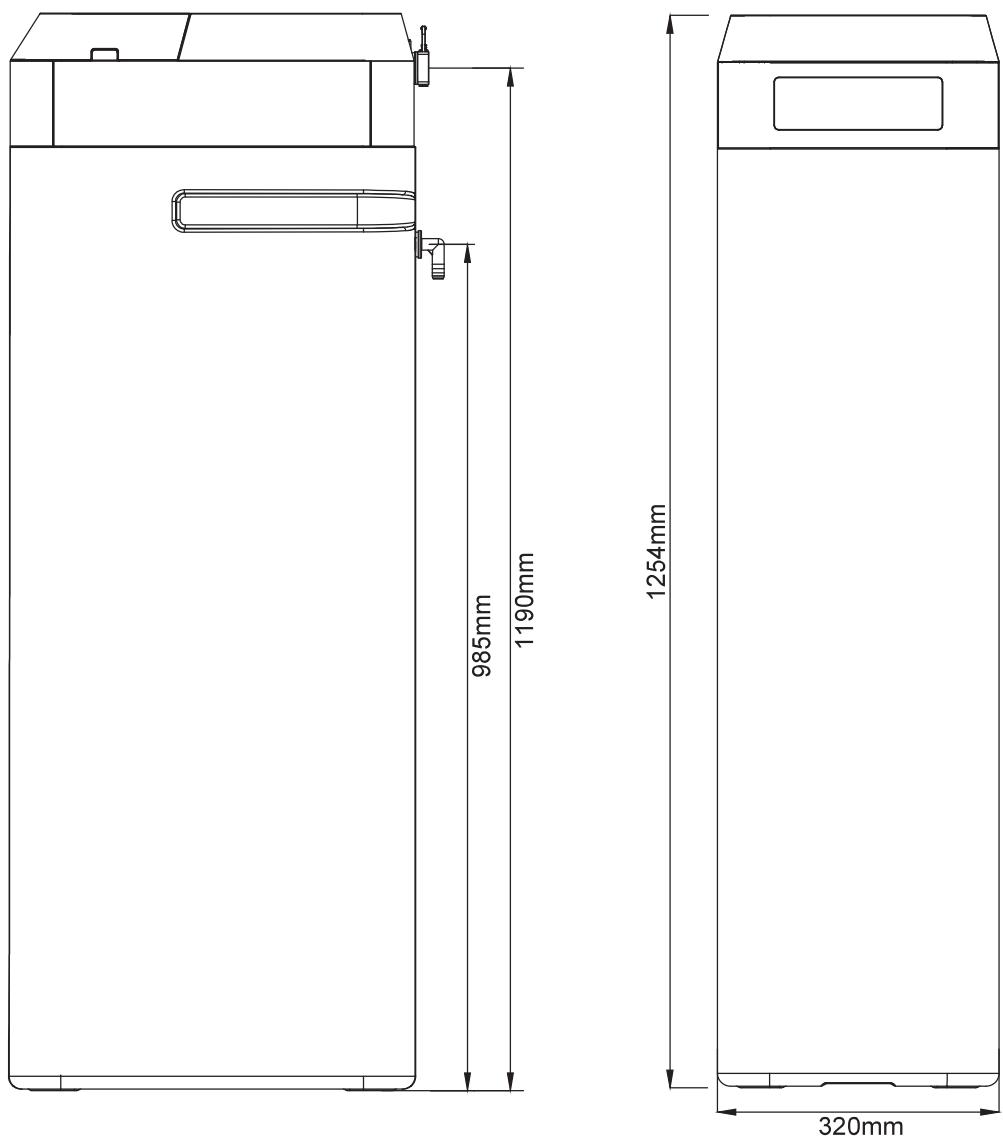
SOFTENER SYSTEM DIMENSIONS



0915 TANK



1035 TANK



1044 TANK