

## Product sheet

### WTU-1100

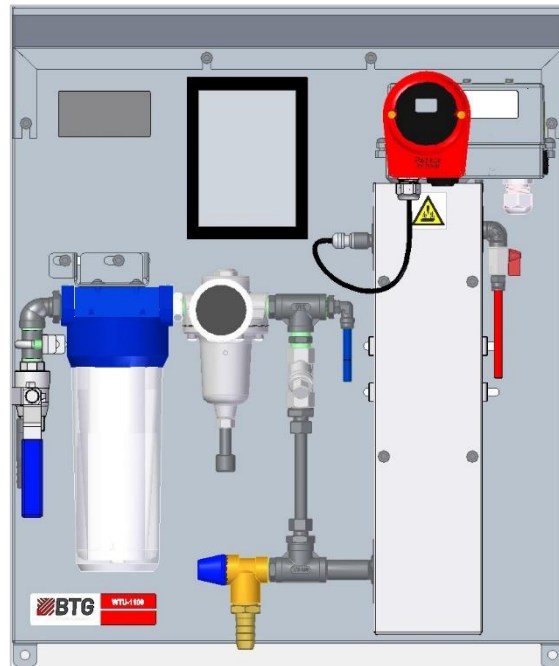
#### Water Treatment Unit

#### FEATURES

- Ensures clean water
- Provides warm water

#### BENEFITS

- Efficient cleaning of the transmitter
- Low maintenance on the transmitter



#### GENERAL / BACKGROUND

The water module is used to provide clean and hot water to an instrument, to ensure continuous efficient performance.

A visual inspection due to a shine through water filter and easy access enables the user to recognize contaminations and clean it on demand in a short time frame.

An interlock function and the automatic over pressure valve to regulate the heat development inside the heater are part of the safety features.

In case of scaling effects inside the heater an additional water filter can be installed to avoid small pieces entering the connected instrument

The heater is working intermittent during normal conditions depending on the use of heating power.



Use QR-code or link for more information  
[www.btg.com/mybtg/en/instruments/wtu-1100](http://www.btg.com/mybtg/en/instruments/wtu-1100)

## SYSTEM OVERVIEW

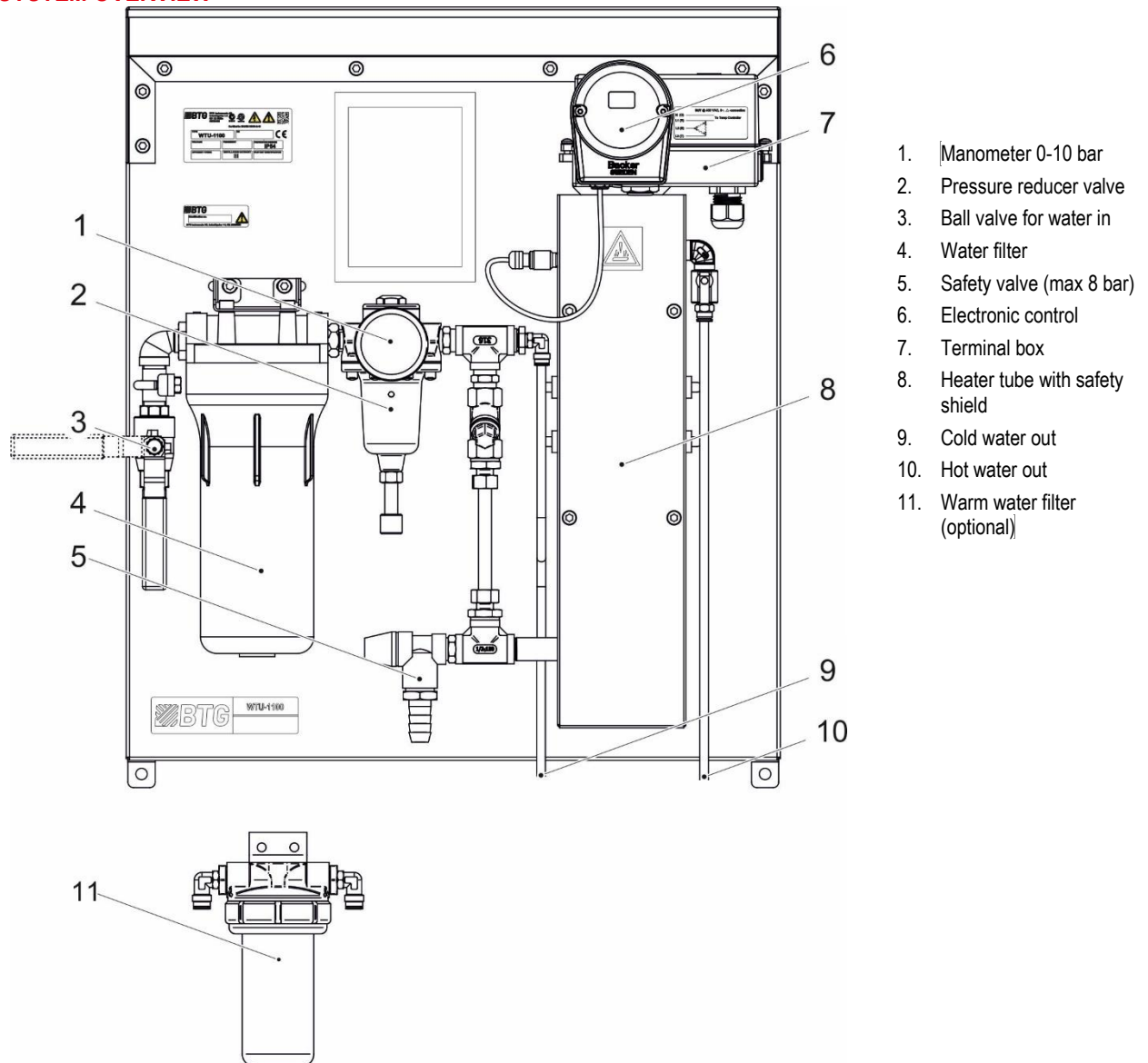


Figure 1: System Overview

## TECHNICAL DATA / SPECIFICATIONS

### GENERAL

<b>Type</b>	WTU-1100
<b>Manufacturer</b>	BTG, Säffle, Sweden.
<b>Quality Assurance</b>	Quality-assured in accordance with ISO 9001
<b>Product Safety</b>	Fulfills all relevant CE-directive requirements and all Australian TIC requirements.
<b>Ambient temperature</b>	Max. 50 °C [122 °F]
<b>Humidity</b>	Max. 95%

### FUNCTION SPECIFICATIONS

<b>Water supply IN</b>	Max. 6 bar [87 psi] @ 52 °C [126 °F]. Optically clean, air free.
<b>Water temperature OUT</b>	60-70 °C [140-158 °F]

### SUPPORT SYSTEM SPECIFICATIONS

<b>Supply Voltage</b>	Europe = 400 V 3~/N (50 Hz) USA and Canada = 480 V 3~ (50-60 Hz) and 100-277 V AC (50-60 Hz)
<b>Connection wiring</b>	Cable size min. 2.5 mm <sup>2</sup> / CU, Type and rating in accordance to location and national requirements.
<b>External over-current protection:</b> 3~; L1, L2, L3	C16, 16 A / 480 V, type and rating in accordance to location and national requirements.
<b>External circuit breaker marked as disconnecting device</b>	Type and rating in accordance to location and national requirements.

### PHYSICAL SPECIFICATIONS

<b>Material wetted parts</b>	EN 1.4404/ASTM 316L
<b>Degree of Protection</b>	IP 54
<b>Weight</b>	30 kg (66.1 lbs)
<b>Heater volume</b>	2 liter
<b>Water filter</b>	90 & 50 µm standard

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[www.btg.com/en/contact/sales-service-network](http://www.btg.com/en/contact/sales-service-network)

**DIMENSION DRAWINGS**

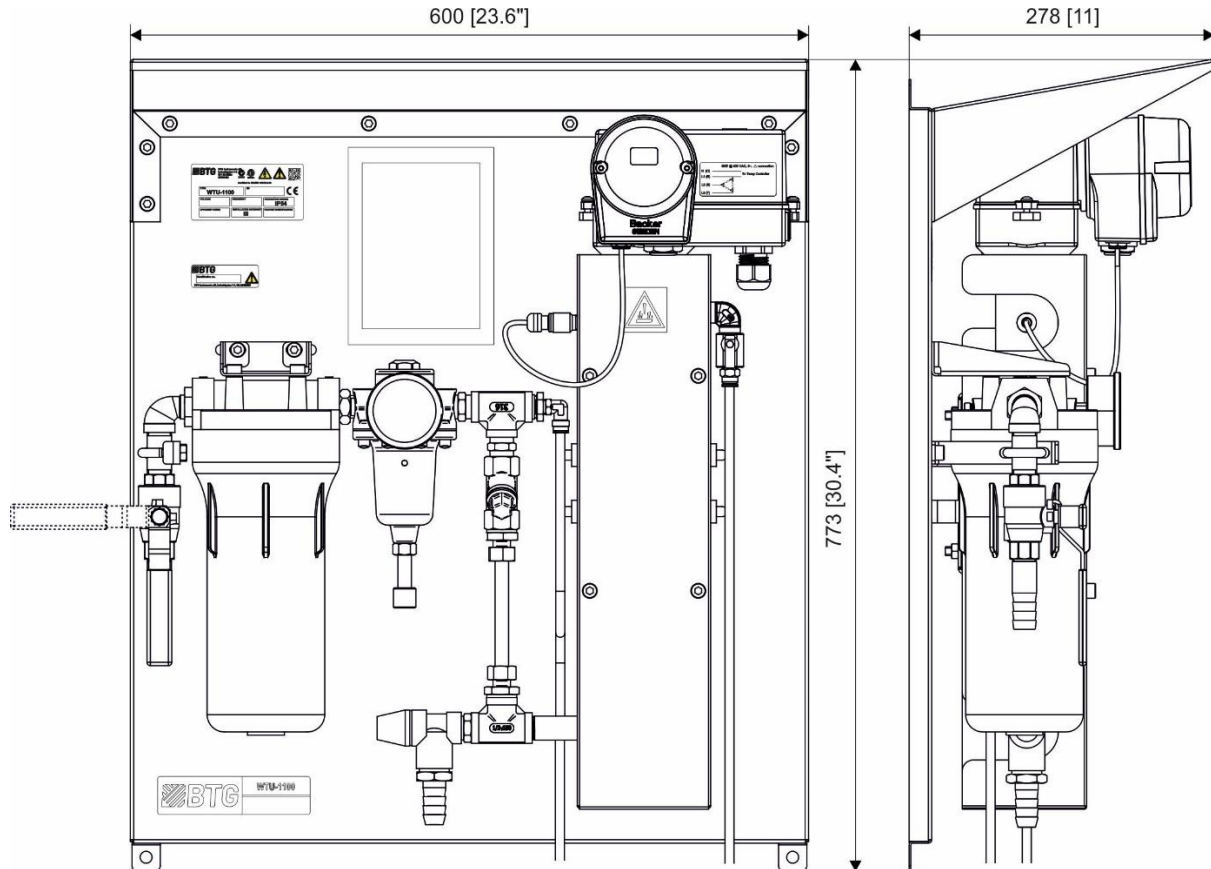


Figure 2: Dimensions