

### Specifications TB

#### Tamson Bracket



**Completely stainless steel**  
**RS232 optional**  
**Auto tuning, high precision**  
**Fluid level detection**  
**Easy to operate**

Item	Unit	TB
P/N 230V/50-60Hz		00T0380
P/N 115V/60Hz		00T0385
Power	[W]	1200 max
Used materials inside bath		Stainless steel brass
Range		ambient .. +200°C ambient .. +392°F
Reading		Standard °C, °F on request
Setting	[°]	0.1
Stability ±	[°C]	Better than 0.03
Heating	[kW]	1.1 (one heater)
Pump pressure	[mBar]	250 max
Pump cap.	[L/min]	7.5 max
Opening	[mm]	148 x 120 (round edge)
Depth bath	[mm]	> 160 mm
Length bath	[mm]	> 185 mm
Width bath	[mm]	> 186 mm < 442 mm
Height head	[mm]	190 mm
Weight	[Kg]	4
CE		Conforms to CE regulations

#### General

The Tamson Bracket is based on the Tamson Thermostatic Unit (TTU) and can be used for heating or circulating. The bath fluid is heated via a micro-processor controlled heating element. The bracket can be placed on a bath or tank. The width of the bracket can be adjusted between 186 and 422 mm.

The unit is equipped with fluid level detection. The microprocessor controlled heating with auto tune function guarantees precise temperature control.

#### Span

The bath temperature can be set to a maximum of +200°C (392°F) in steps of 0.1 degree. The overall system accuracy is ±0.02°C depending on insulation of the bath and bath volume. RS232 communication is available as an option.

#### Options

**P/N 02T3025** RS232 output  
**P/N 25T0253** Heater 1550W 230V  
**P/N 25T0254** Heater 1550W 115V

Free TamCom® Program see [www.tamson.com](http://www.tamson.com).

#### Safety

The unit conforms to CE regulation. It further is equipped with multiple safety features in order to guarantee safe around the clock operation. A mechanical safety thermostat protects the bath against high temperatures and will automatically reset itself after switching the bath off and on again. The safety thermostat can be set between ambient and +300°C. In case of over-temperature, electronics and motor are switched-off. The pump motor is protected against mechanical overload via a resettable fuse.

#### Temperature readout

Standard available in °C, on request in °F. Display readout 0.1°C/F, via RS232 temperature readout of 0.01°C/F.

#### Pump

A pump circulates the bath content or provides external circulation. The pump pressure is 300 mBar and maximum flow is 7.5 litres per minute with no counter pressure.