

STTC-FC178V Single tank temperature controller FermCont VARIO

STTC-178V (VARIO)



Price: € 154 excluding tax

SKU: STTC-FC178V

Product Categories: [DTC - Digital temperature control](#), [STTC - Single tank temp controllers](#)

Product Tags: [Control](#), [Measuring](#), [Temperature](#)

Product Page: <https://eshop.czechminibreweries.com/product/sttc-fc178v/>

Product Summary

STTC-FC178V Single tank temperature controller FermCont VARIO is used in Breworx breweries and cider lines for measuring and control of temperatures in tanks (HWT, ITWT, ICWT, CCT, OFV, BBT ...). This temperature controller is designed for fix instalation, directly on the tank. It is equipped with the VARIO jack plug connector for easy and quick connestion with the STTC-CB100V connection box. The controller cooperates with other components of the TTMMCS (Tank

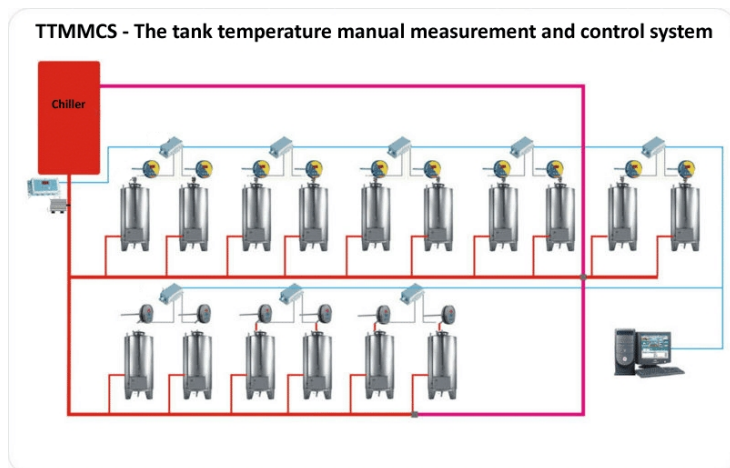
temperature manual measurement & cooling system). All the measuring and control system is Designed in Germany.

Product Description

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Characteristics - Simple and clear operation - Separate displays for the actual and preset temperature values - Integrated temperature sensor - Optical alarm signal - PC data interface - Can be fully integrated in TempInfo bus system - Can be locked by password - Special chip protects from electric power short-cut - White LED display lighting is seen from farther away and consumes less energy **Technical details** - Temperature range: -9,9 up to +99,9 °C or 14,2 up to 99 F - Voltage: 24 V / AC +/- 10% - Output: solenoid valve 24 V AC / 16 VA - Mode of operation: cooling, heating, cooling and heating, display, off - Controller's structure: 3-Points, PI, PID - Electric connection: 6 m cable with jack/ plug - Protection type: IP 67 - Sensor lenght : 170mm, Ø 6.5mm

Picture : Example tank temperature control system with STTC-FC178V Single tank temperature controllers :



A fundamental factor for producing great beer, cider or wine is a well-controlled fermentation and maturation process. The brewer, cider maker or wine maker has the temperature control as a means of intervention in the process of fermentation. However it is not only about reaching an “optimal” temperature but rather about having the right temperature at each stage of the fermentation process. An electronic temperature control offers safety during the fermentation and maturation, saves time, energy, costs, and above all, serves to improve the quality of your product.

The temperature controller for individual tanks

The controller's double display shows the actual and preset temperature (value) in separate displays. Additionally, a LED light shows the actual mode of operation: cooling or heating.

The STTC-FC178 is available in two versions :

STTC-FC178F - 'FIX' with a lose cable end for a fixed installation

STTC-FC178V - "VARIO" with a plug end for a variable installation (the system described on this site)

STTC-FF Single tank temperature controller system VARIO



As **accessory** we have available for both versions connection boxes – FIX or VARIO – for running a comfortable and simple installation.

This temperature controller is the ideal solution for every brewer, cider or wine maker who wishes to have the temperature displayed right on the tank and who prefers a fixed installation of the temperature controller on the tank. The

FermControllers can also be equipped with the **TempInfo software**.

Adjustment of tank temperature can be made either physically on the tank or in the office through the software installed on a PC Server. The **FermControllers** can also be completely integrated in the bus system **TempInfo**.

All recommended components of the STTC-FC-VARIO on-tank temperature control system :

[On-tank temperature controller](#)] STTC-FC178V Single tank temperature controller FermCont VARIO



STTC-FF178 Single tank temperature controller FermCont is used in Breworx breweries and cider lines for measuring and control of temperatures in tanks (HWT, ITWT, ICWT, CCT, OFV, BBT ...). This temperature controller is designed for a variable installation, directly on the tank. The controller cooperates with other

components of the BTCCS (Breworx tank cooling control system). All the measuring and control system is Designed in Germany.

[Connection box](#)] STTC-CB100V Connection box for the FermCont temperature controller VARIO/IP65



The **STTC-CB100V** is a connection box for the STTC-FC178V Single tank temperature controller. It is used for the connection between the STTC-FC178V controller, the power supply and (optionally) the control computer. The STTC-CB100V and the STTC-FC178V FermCont are equipped for a variable installation using the connector-pair. All the this measuring and control system is Designed in Germany.

[Sensor socket](#)] STTC-SS180 Sensor socket for FF178 temperature controller



The socket with inner diameter 7mm , length 190mm , is designed for welding or screwing connection on the tank. The STTC-FC178F controller will be inserted into the socket.

[Electrical regulation valves](#)]



The motorized or solenoid valves for regulation of water/glycol cooling systems. It is used for a quick opening and closing of the coolant pipe way of the one tank cooling zone. Each the motorized or solenoid valve is connected to the STTC-CB100 connection box. Designed in Czech republic.

[Pipe Y-strainer filters\]](#)



The pipe Y-strainer filter is used as protection element for recommended cooling systems with solenoid valves.

[Cables + connection kits\]](#) CCK-100 Cable & connector kit for TTMMCS



Cables and connector for power and data connecting of all components (one cooling zone) with TTMMCS manual tank temperature control system.

[Power supplies\]](#)





Transformers with a cabinet for tank temperature measurement & control systems with the 24 volt AC power supply standard. Input : 230V/50-60Hz , Output 24 V AC. For power supply of the tank temperature controllers .

Product Attributes

- Dimensions: 300 × 200 × 200 mm
- Weight: 6 kg

Product Gallery

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