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# FERMFLEX-BOX

## FERMLINE - TEMPERATURE CONTROL SYSTEM

- STAINLESS STEEL DESIGN
- CLEAR, INTUITIVE OPERATION
- AVAILABLE IN THREE SIZES
- DISPLAY RANGE FROM -9.9 to +99.9 °C



IN FLOW WITH YOUR PRODUCTION.

# FERMFLEX-BOX

## FERMLINE - TEMPERATURE CONTROL SYSTEM

The elegant stainless-steel control cabinet FermFlex-Box serves to control tanks temperature automatically, from a central point in the wine cellar or in the brewery. For each tank to be controlled a FermFlex-Box control card is included. Therefore the temperatures of all tanks can be viewed at a glance and the settings can be changed on the spot.

The FermFlex-Box control unit receives its input through a cable-type sensor (available as an accessory) which is placed in the thermo-well of the respective tank. The controllers are designed in such a way that temperatures are optimally visualised: There are two separate displays for the pre-set temperature and the measured temperature (is temperature). The operation mode of the controller - cooling or heating - is indicated on a LED display. Moreover the control cabinet has two integrated relays for pump control: one for heating and one for cooling.

The FermFlex-Box control cabinets are equipped with a PC interface so that the temperature settings can be adjusted either physically on the cabinet or in the office using the Ferm-Software installed on a Server PC (option). Using the software allows easy and quick analysis of the measured data, data-saving of finished fermentations for later evaluation and archiving. Software access is enabled over lap-top and mobile phone over safe internet access. The new Fermline controllers can be locked by code – single units or the whole installation at once via BUS system - to prevent temperature modification by unauthorized personnel. The FermFlex-Box can also be completely integrated in the bus system VinInfo.

The cabinets are available in two different sizes – for 10, for 20 or for 30 controllers (one controller per tank). With this new generation of FermFlex-Box it is possible to add more controllers afterwards if the maximum amount of controllers (10 / 20 / 30) is not needed for the initial installation.

### SUITABLE FOR INDUSTRIES



### CHARACTERISTICS

- ➔ Central control cabinet available in three sizes - for up to 10, 20 or 30 tanks
- ➔ One pre-installed controller per tank
- ➔ Informative display with high contrast LED lighting for distance sighting. Simultaneous display of the measured and the set-temperatures, control-mode and the activity
- ➔ Temperature indication from -9,9 to +99,9°C, suitable for measuring high temperature processes such as pasteurization, beer mashing, sugar syrup for CSD etc
- ➔ Two integrated collective relays for pump control: one for heating and one for cooling
- ➔ Integrated safety backup for data protection during electric power-out
- ➔ With PC data interface for control over FermSoftwar
- ➔ Can be locked by code – a single controller or the whole installation at once
- ➔ Integration into the bus system VinInfo possible



#### TECHNICAL DATA

Temperature range	from -9,9 to +99,9°C (from 14,2 to 211,8°F)
Output	24V AC / 2,5A
Regulation structure	2-point (heating or cooling) 3-point (heating and cooling)
Operation modes	Cooling / Heating / Cooling & Heating / Display / Off

#### TECHNICAL DATA

Power supply	230V / 1Ph / 50-60Hz
Protection type	IP 55
Dimensions: WxDxH	FF-BOX (10): 600x210x350 cm FF-BOX (20): 600x210x500 cm FF-BOX (30): 600x210x700 cm
Weight	FF-BOX (10): 20 kg FF-BOX (20): 28 kg FF-BOX (30): 40 kg

Specifications subject to change.