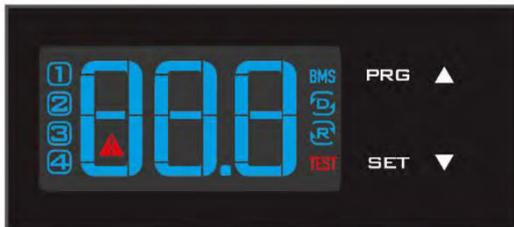


Seifert electronic controller

Controller Instructions



The display shows the temperature in the range of -50°C to +150°C (-58°F to +302°F). The temperature is displayed with resolution of tenths between -19.9°C and +99.9°C (-3.8°F to +211.8°F). During programming, it shows the codes and values of the parameters. The display also shows icons according to occurring events.

Display Icons

Icon	Function	Description
1	Compressor relay active	Flashes when activation is delayed or inhibited by protection times, external disabling or other procedures in progress
2	Alarms relay active	
3	Heater relay active	
4	Ambient blower relay active	
⚠	Alarm	Flashes when alarms are active
🔼	Heating mode	Signals operation of unit in heating mode
🔽	Cooling mode	Signals operation of unit in cooling mode
TEST	Test mode in progress	Activated only by manual procedure

Programming

The operating parameters can be modified using the front keypad. Access differs depending on the type of parameter. Access to configuration parameters is protected by a password that prevents unwanted modifications or access by unauthorised persons.

Setting cooling set point, St1:

1. Press "SET" and display should show St1 and then the pre-set value of St1. (default: +35°C / +95°F)
2. Reach the desired value by using ▲ or ▼.
3. Press "SET" again to save the new value of St1.



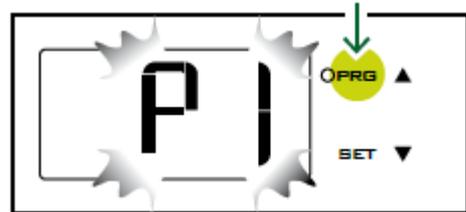
Setting heating set point, St2 (only for units supplied with internal heater):

1. Press "SET" twice slowly and display should show St2 and then the pre-set value of St2. (default: +5°C / +41°F)
2. Reach the desired value by using ▲ or ▼.
3. Press "SET" again to save the new value of St2.



Setting temperature unit, low temperature alarm and high temperature alarm:

1. Press “PRG” button for 5 seconds to reach the modifiable parameter list.
2. Use ▲ or ▼ to reach the desired parameter:
 - C18 for temperature unit of measure
 - °C = 0
 - °F = 1
 - P25 for low temperature alarm threshold (default -10°C / +14°F)
 - P26 for high temperature alarm threshold (default +55°C / +131°F)
3. Press “SET” on the desired parameter to display the current value.
4. Use ▲ or ▼ to reach the desired value.
5. Pressing “SET” temporarily saves the new value and returns to the parameters list.
6. Repeat steps 2-5 to set other parameters.
7. Press “PRG” for 5 seconds to permanently save the new values.



Test Function

Different test functions can be used depending on the combination of keys pressed. Such tests run for the duration of 4 minutes.

- “SET+▲” tests Compressor and Ambient Blower relays.
- “SET+▼” tests Alarms and Heater relays.

Important Notes

- Whilst programming, if no button is pressed for 10 seconds, the display starts flashing, and after 1 minute returns to the main display without saving changes.
- To increase scrolling speed, press and hold the ▲ or ▼ button for at least 5 seconds.
- When pressing “PRG” for 3 seconds, the firmware revision code is displayed for 2 seconds.
- A start up delay of 3 minutes is present to delay the start of control when the device is powered up. This is useful in the event of power failures, to avoid that controllers all start simultaneously, avoiding potential problems from electrical overload.
- When cleaning the controller panel, do not use ethanol, hydrocarbons, ammonia or their by-products. Use neutral detergents and water.
- In order to protect the unit’s components, a minimum time of 7 minutes between activation of the same relay output is applied.