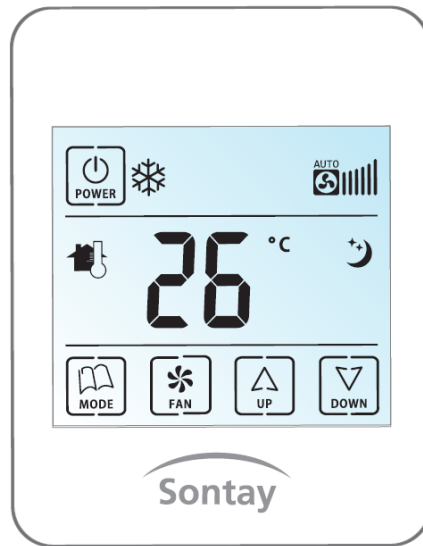


ST-TOUCH

Touch Screen Thermostat



Features:

- Auto fan speed with auto-off function (-HC only)
- Calendar/time programmable (-P only)
- Sleeping mode (-HC only)
- Adjustable Switching Differential (deadband; -P only)
- On/off memory function
- Anti-frost protection mode
- Lock-function
- Sleep mode
- Modbus RS-485 communication

Models:

-HC

Hotels & offices

- Heating & cooling
- 3-Speed fan control
- White touch screen

-P

Smart homes

- Programmable
- Suitable for electrical/underfloor heating and hot water boilers
- External sensor option
- Blue touch screen

Technical Overview

The ST-TOUCH range of touch screen thermostats, offers intuitive ambient temperature control with a modern design to maximize energy efficiency.

Whether flush or surface mounted its slim cell-phone like design and full touch screen operation definitely has its finger on the pulse of the time.

Specification:

Operation:	
-HC	Heating/cooling
-P	Programmable
Set point range:	
-HC	10-30°C / 1°C per step
-P	5-35°C / 0.5°C per step
Accuracy	
	±1°C
Output contacts:	
-HC	Heating/cooling 3A resistive
	Fan speed 5A resistive
-P	Heating 20A resistive
Supply:	
-HC	220Vac ±10% 50/60Hz
-P	85 to 240Vac 50/60Hz <2W
Wiring:	
-HC	≤ 1.5mm ²
-P	≤ 2.5mm ²
Dimensions	
	110 x 86 x 13mm (when flush mounted)
Ambient:	
Temperature	0 to 50°C
RH	<90% non-condensing
Protection	IP30
Country of origin	China

Part Codes:

ST-TOUCH-HC

Heating/cooling Touch Screen Thermostat

ST-TOUCH-P

Programmable Touch Screen Thermostat

Accessories

ST-TOUCH-555

External temperature sensor for -P version only

ST-TOUCH-BOX

Optional back box



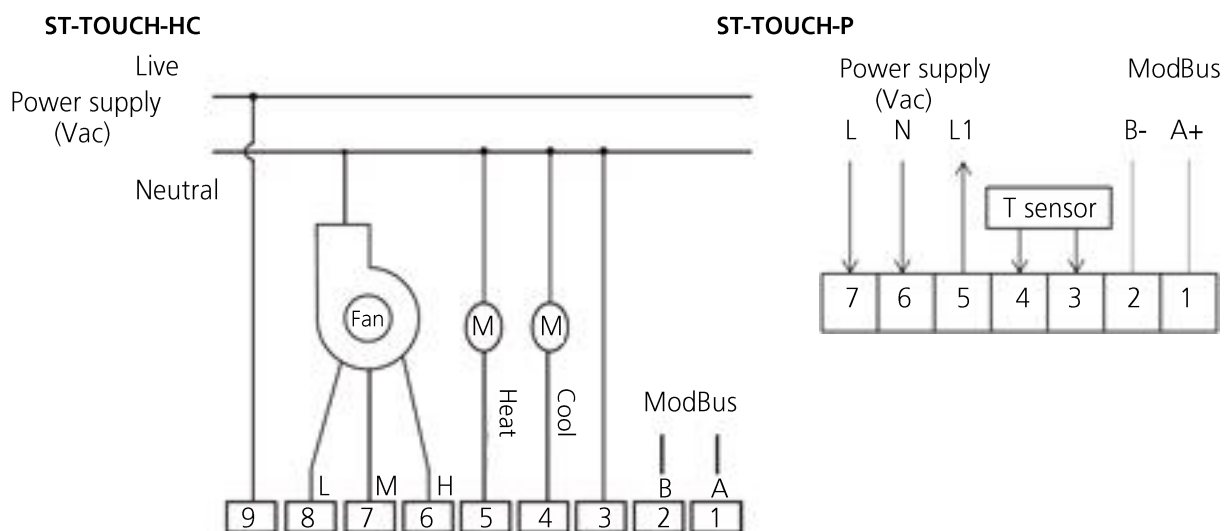
The products referred to in this data sheet meet the requirements of EU Directive 2004/108/EC & 2006/95-EC

Main Features:

- Auto Fan Speed with Auto Off Function: Controls the speed of the fan automatically according to the current requirement for ventilation. When set temperature is reached, the fan turns off automatically (-HC).
- Programmable: Enjoy a warm home and bring your heating system in line with your individual occupancy habits, for smarter living and maximum energy efficiency. (-P)
- Sleeping Mode: Steadily increases (when cooling) or decreases (when heating) temperature until ambient temperature is reached to save energy without forgoing comfort (-HC).
- Adjustable Switching Differential (deadband): Control the heating and cooling system even tighter, by setting the switching differential temperature.
- On/Off memory function: Memorizes the On/Off state before abrupt power failures.
- Anti-Frost Mode: Protects your property against pipe damage caused by freezing ambient temperature (below +5 to +12°C, adjustable; -P only).
- Lock Function: Save energy by allowing access only to those that require it.

Full user manuals are supplied with each product and can be downloaded from www.sontay.com

Connections:

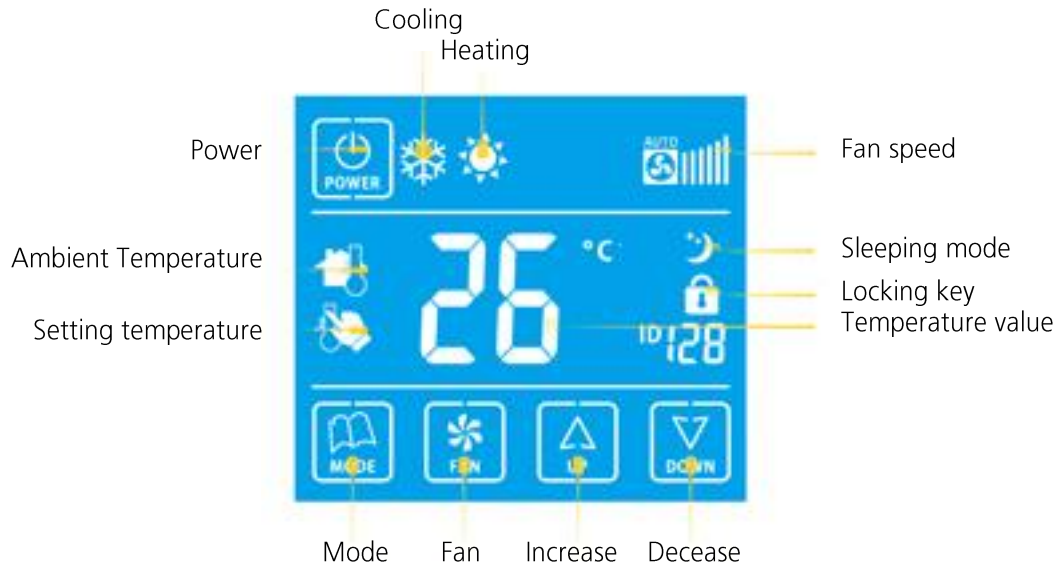


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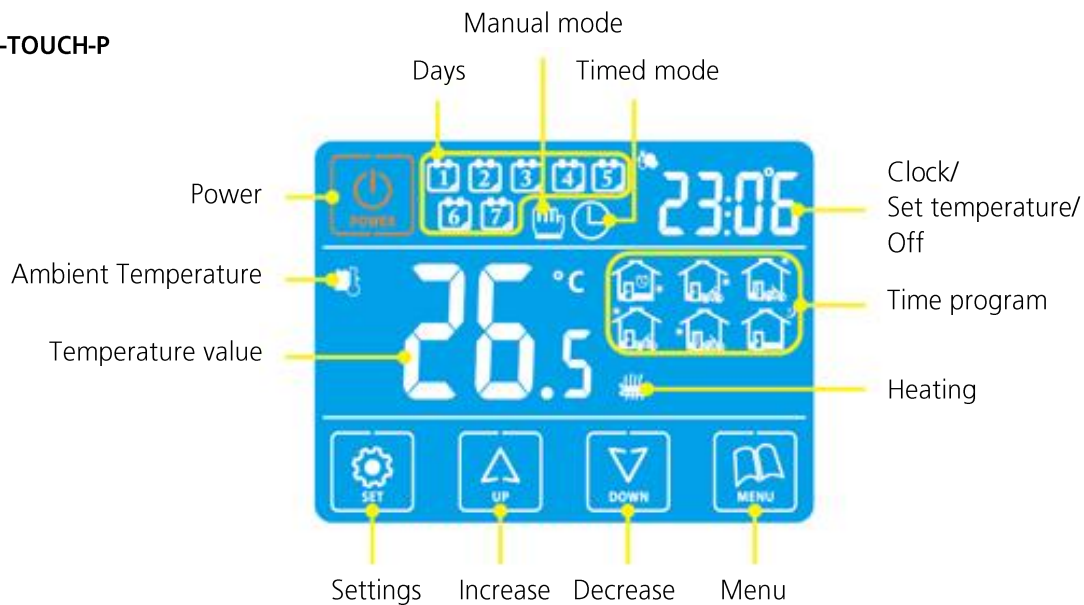
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Displays:

ST-TOUCH-HC



ST-TOUCH-P



Whilst every effort has been made to ensure the accuracy of this specification, Sontay cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.