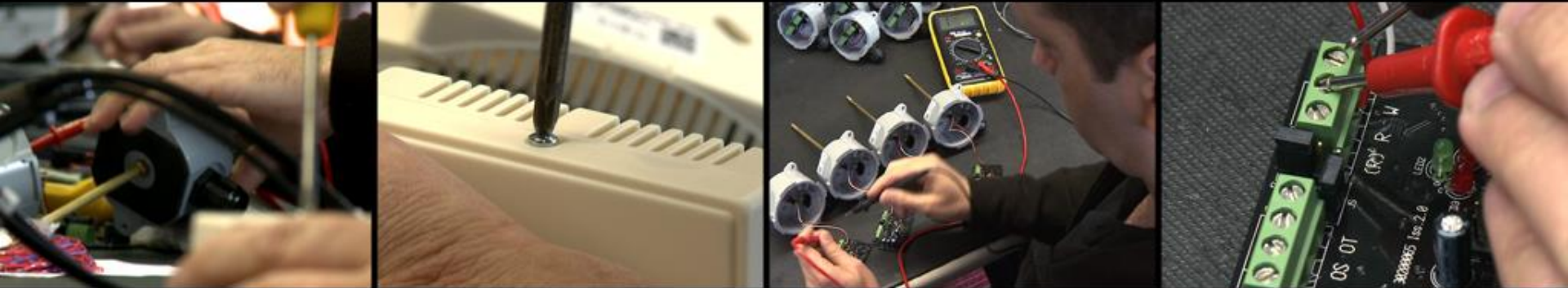


Sontay[®]

...experts in Field Controls



Quality HVAC peripheral products, serving the building automation industry

Sontay Touchscreen Thermostat



Available versions

2-Pipe Version

- Heating only
- Fan: 3 speed
- Heating flow/return

Model -H

4-Pipe Version

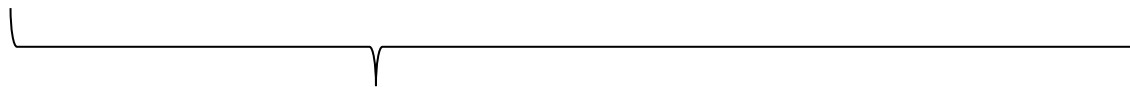
- Heating and cooling
- Fan: 3 speed
- Heating flow/return
- Cooling flow/return

Model -HC

Programmable Version

- Heating only
- On/off output
- External sensor option
- 7 day programmable

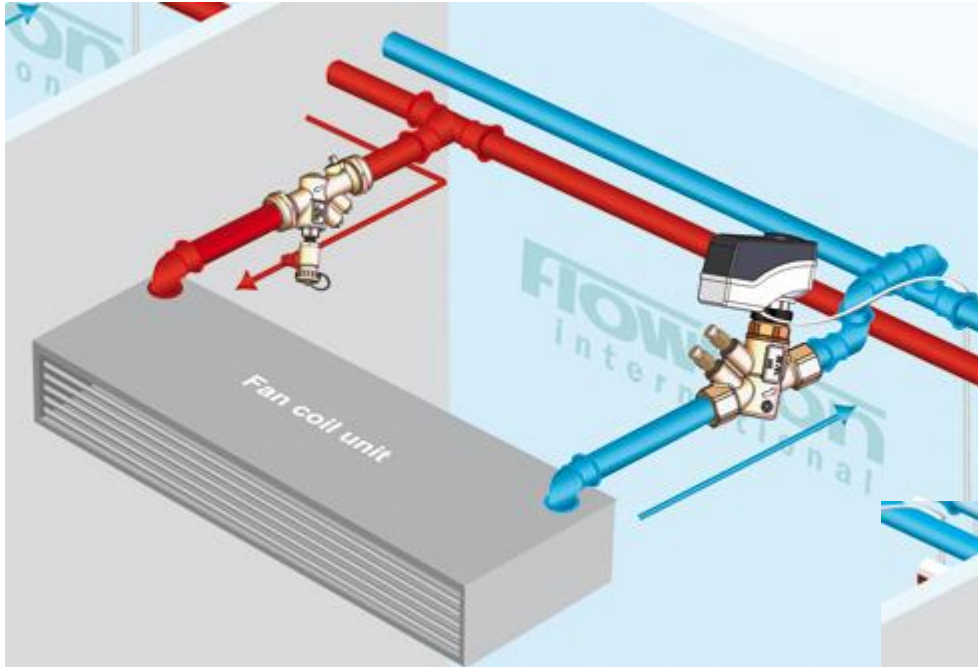
Model -P



Hotels, offices → corporate clients

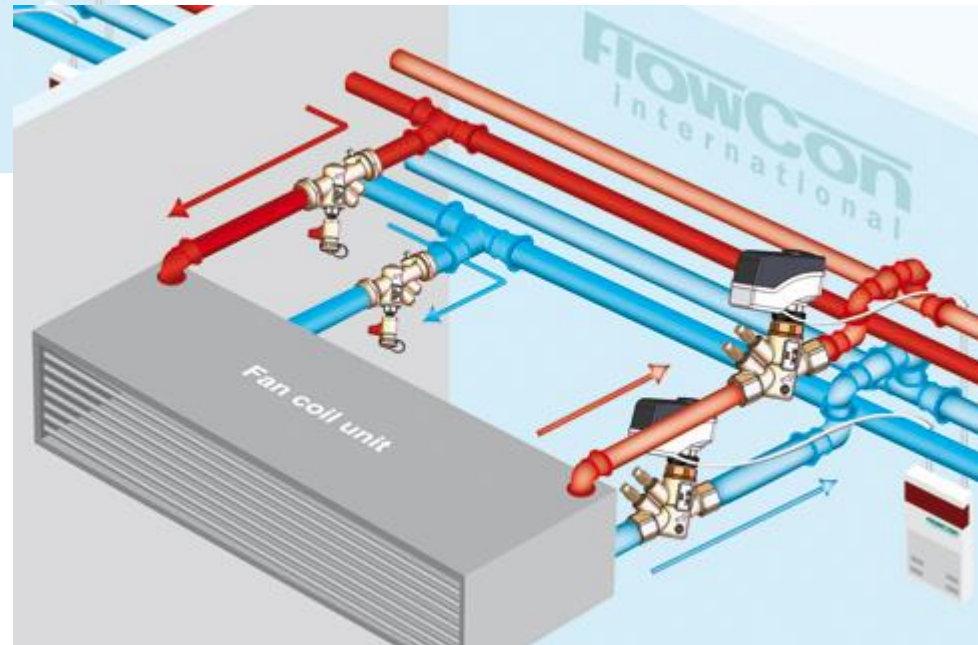


Smart Homes



2-pipe system

4-pipe system



Product Overview

2/4-pipe –H/HC

- White touchscreen
- Housing in black/white
- 2-pipe fan coil and 4-pipe fan coil version
- Ambient temperature sensor

Programmable - P

- Blue touchscreen
- Housing in black/white
- Heating, underfloor heating, hot-water boiler
- Ambient and external temperature sensor
- Programmable 5/6/7 work days, 6 periods (holidays: 2)

Summary: main points

- **Design**
 - Flat and clear Cell phone design: only 12.5mm depth
 - Flush mountable (30mm standard back box required for installation)
 - Bright LED backlight (energy efficiency) with backlit Sontay logo (on/off)
 - Available in black and white
- **Function:**
 - Control Valve (Heating, opt: Cooling)
 - Control Fan (off, low, medium, high) → auto off when set Temperature reached
 - Programmable (-P): 7/6+1/5+2
 - Sleeping and lock function
- **Under the hood functions:**
 - On/off memory function (for maintaining for instance)
 - De-frost protection, adjustable (5-12°C)
 - Temperature compensation
 - Screen: Contrast settable, backlight on/off auto

User manual: Heating/Cooling Touchscreen Thermostats -H, -HC (1/2)

- Temperature setting (↑), (↓)
- Valve control (H and H/C) Press (Mode)
- Fan control Press (f)
- De-frost mode Automatically when $t < 5^{\circ}\text{C}$
- Lock function In on and off mode: (m) + (f) for 5sec.
- Sleeping function (m) for 3 sec., then set t (↑), (↓)

User manual: Heating/Cooling Touchscreen Thermostats -H, -HC (2/2)

- Temperature compensation (fan) 3 sec., (↑), (↓)
- On/off memory (↑) for 3 sec.
- LCD contrast adjustable (↓) for 3 sec, (↑) (↓), (m) to confirm
- Backlight (on/off) (↑) to choose on/off, (m) to confirm
- Auto Fan off (m) + (↑) for 5 sec., until 'oF'

Set when device is off!

User manual: Programmable Touchscreen Thermostat –P (2/3)

Advanced settings: On mode: (m) first then (on/off) for 3 sec., (m) for next section

1. (Adj) Temperature compensation: (↑) (↓) between -9 - 9°C
2. (Sen) Sensor selection: (↑) (↓) IN (int.) / OU (ext.) / AL (both)
3. (Lit) Limitation temperature ext. Sensor (↑) (↓) Range 30-60°C
4. (Dif) Switch deviation (↑) (↓) Range 0.5 -5°C
5. (Prg) Set 5+2 / 6+1 / 7 days (↑) (↓)
6. (Rle) Setting of passive linkage and main output
'00' = corresponded with main loop output,
'01' means opposite (water floor only)
7. (Dly) Dry contact function output delay (water floor only) (↑) (↓) Range 0-5 min
8. (Hit) Set max. Temperature (↑) (↓) Range 35 - 60°C

User manual: Programmable Touchscreen Thermostat –P (3/3)

- 9. (LIG) Backlight setting on/off (↑) (↓) on/off
- 10. (LT) Backlight time (↑) (↓) Range 10-30 sec.
- 11. (PE) Sound setting (↑) (↓) on/off
- 12. (LP) De-frost function (↑) (↓) on/off
- 13. (TP) De-frost temperature setting (↑) (↓) Range 5 - 12°C
- 14. (SF) State of thermostat when disruption of power supply (↑) (↓) on/off/memory
- 15. (CF) Temperature unit (↑) (↓) Celsius/Fahrenheit
- 16. (Fac) Recover factory settings (↑) (↓) until '--'

Finally: (on/off) to safe settings

Setting	Adi	Sen	Lit	dif	prg	Rle	Hit	LIG	PE	LP	TP
Default	0	In	35°C	1	5	00	35°C	on	on	on	5°C