

XE80 SERIES

DIGITAL FAN-COIL THERMOSTATS

PRODUCT DATA



APPLICATION

The XE80 digital thermostats are designed for On/Off control of the valve, or the valve and fan in 2-pipe or 4-pipe application.

The thermostat operates an on/off valve to provide control at the desired setpoint temperature.

Fan-coil thermostat models are available with constant fan operation, and have a three-speed + Auto. fan selector switch with low, medium and high settings.

Heat/cool changeover operation is also possible on some versions. This function can be accomplished by changing the Heat/Cool parameter on MODE switch.

FEATURES

- New attractive modern styling design makes the thermostat harmonized with any interior decoration.
- **All in one design**, easier to install or service.
FUZZY logic design, easier to operate.
- **Easy-to-see LED display**
- Vertical/Horizontal panel selectable. Panel plate can choose among traditional or simplified Chinese character or English character.
- Heat/Cool mode adjustable. Remote controller of chiller on all model.
- 3-Speed + Auto. Fan speed.
- Build in 0.5~24H clock for timer power on/off setting.
- Switch Room or Setting temperature display.
- **LOCK function**: press MODE button 5 seconds into lock function avoid improper operating.
NICE function: press SET button 5 seconds into nice function ability to change temperature setting when you feel comfortable.
- Ability to display temperature sensor failure for easier troubleshooting.
- Wireless remote controller available.(Optional)
- Suitable for use with Honeywell VC40/VC60 series and V4043/V4044 valves and compressor starters/relays up to 2A full load rating

SPECIFICATIONS

Table 1. Model selection guide

Model	Application	Panel	Switches		Supply voltage
		Vertical/ Horizontal	On / Off (SPDT)	3-Speed +Auto. Fan	Vac±10%, 50/60Hz
T6380A1000	2-pipe Fancoil+Remote control of Chiller	Vertical	Yes	Yes	110
T6380A2001	2-pipe Fancoil+Remote control of Chiller	Vertical	Yes	Yes	220
T6380B1002	2-pipe Fancoil+Remote control of Chiller	Horizontal	Yes	Yes	110
T6380B2003	2-pipe Fancoil+Remote control of Chiller	Horizontal	Yes	Yes	220
T6380C1000	4-pipe Fan coil Application	Vertical	Yes	Yes	110
T6380C2001	4-pipe Fan coil Application	Vertical	Yes	Yes	220
T6380D1002	4-pipe Fan coil Application	Horizontal	Yes	Yes	110
T6380D2003	4-pipe Fan coil Application	Horizontal	Yes	Yes	220

- Setpoint range : 15...30°C
- Display and setting unit : 1°C
- Differential : 1°C max (0.5°C typ)
- Thermostat switch : 1 S.P.D.T. relay for 2-pipe model
2 S.P.S.T. relays for 4-pipe model
- Control Performance : ON/OFF control
- Electrical ratings : 4(2) A, 220 V~ , 12A inrush
Typical loads are fans, zone valves and relays
- Operational life : Greater than 100,000 cycles (all loads) for thermostat contacts at 220 V~ Greater than 10,000 operations for all manually operated switches
- Mounting : Mounts directly onto wall or wall-box - a standard 65x65mm junction box (hole pitch 60mm) or a 85x85mm junction box. Mounting screws supplied

- Wiring : 7 or 9 screw –in terminals per unit, capable of accepting 18~26AWG wires per terminal.
- Enclosure : Plastic 2-piece housing (front cover, rear cover)
- Dimensions : 83 x 125 x 27mm(W x H x D).
- Environmental requirements : Operating temperature range 5 to 45°C
Shipping and storage temperature range -20 to 55°C.
Humidity range 5 to 95% RH, non-condensing at 26°C.

DIMENSIONS

