

IBS03E SERIES ELECTRONIC THERMOSTAT

DESCRIPTION

IBS03E series electronic thermostats are manufactured perfectly. They are widely used in commercial, industrial and residential buildings. They are suitable for room temperature control of heating, cooling or year-round air-conditioning system, especially for fan coil, electrical heater, etc. The thermostat is highly sensitive, easy-installation and reliable.



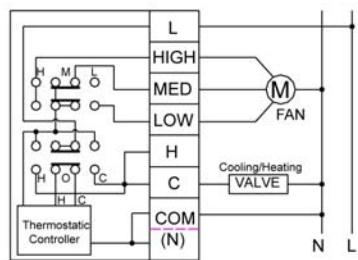
SPECIFICATIONS AND TECHNICAL DATA

MODEL	IBS03EA	System: HEAT-OFF-COOL; Fan: HIGH—MED—LOW
	IBS03EB	System: ON-OFF; Fan: HIGH—MED—LOW
	IBS03EC	System: HEAT-OFF-COOL; 4-PIPE; Fan: HIGH—MED—LOW
POWER SUPPLY	220VAC±10%, 50/60Hz	
OUTPUT SINGAL	220VAC±10%,50/60Hz 2(1)A (Relay output)	
POWER CONSUMPTION	6VA	
WORKING RANGE	10~30℃	
TEMPERATURE DIFFERENCE	±0.8℃	
SENSITIVE ELEMENT	NTC 10K	
FAN OUTPUT	220VAC±10%, 50/60Hz 3 (1) A	
WIRING CONNECTION	Wiring terminal:0.5~1.5 mm ² , Wiring connection: 0.5~1.5 mm ²	
HOUSING MATERIAL	Hard fireproof ABS plastic, UL94V-0 standard	
STORAGE TEMPERATURE	-10 ~ 60 ℃	
AMBIENT TEMPERATURE	Max 90%RH non-condensation	

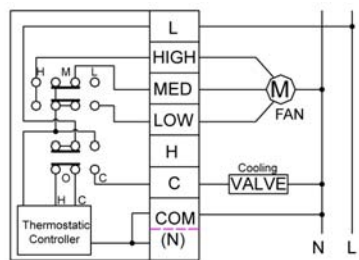
INSTALLATION INSTRUCTION

1. Mount the thermostat vertically on the wall in the air-conditioned room. It should be 1.5m above the floor so that it can measure the room temperature accurately with enough air passing through.
2. Install the thermostat in the place without direct shining and from cooking device or other heat sources.
3. Loosen the screw on the top of the cover (but don't take them out to avoid losing). Remove the cover according to the Installation Diagram (Notice: Do not remove the adjusting knob.)
4. Pass the wires through the square hole of the base bottom. Connect the wires to the terminals as shown on the Installation Diagram inside the cover and tighten them.
5. Fix the base on the connection box with screws.
6. Keep the two switches at the lowest position (marked "COOL" and "LOW"). Fix the cover as the arrow direction according to the Installation Diagram. Eventually tighten the screw on the cover.
7. The optional standard connection box is wall-mounted with screws and standard terminals. The size is 86x86x32. Details are shown on the Installation Diagram.

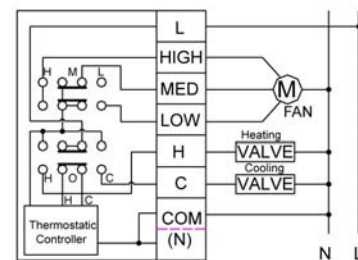
WIRING DIAGRAM



IBS03EA



IBS03EB



IBS03EC

INSTALLATION DIAGRAM

