

CAPACITIVE TOUCHSCREEN SERIES MODEL



TX1007OF220-V2R

TX1007OF220-V2MR

TX1007OF024-V2R

TX1007OF024-V2MR

FEATURES

- ◆ Modern touch pad design suitable for offices, hotels and residential buildings.
- ◆ Applicable for 2-pipe FCU cooling & heating, modulating.
- ◆ Black LCD and Sky-blue LCD display selectable.
- ◆ Special colors casing upon request with RAL number can be provided
- ◆ Either room temperature or set-point is displayed.
- ◆ Manual & Automatic fan functions
- ◆ User setting can be kept during power off.
- ◆ Fan load 5A resistive and inductive of 3A
- ◆ Big LCD with English display
- ◆ Temperature unit C&F
- ◆ Regular color available in Black and White body
- ◆ EC motor variants available
- ◆ Fits in 75mmx75mm electrical junction box

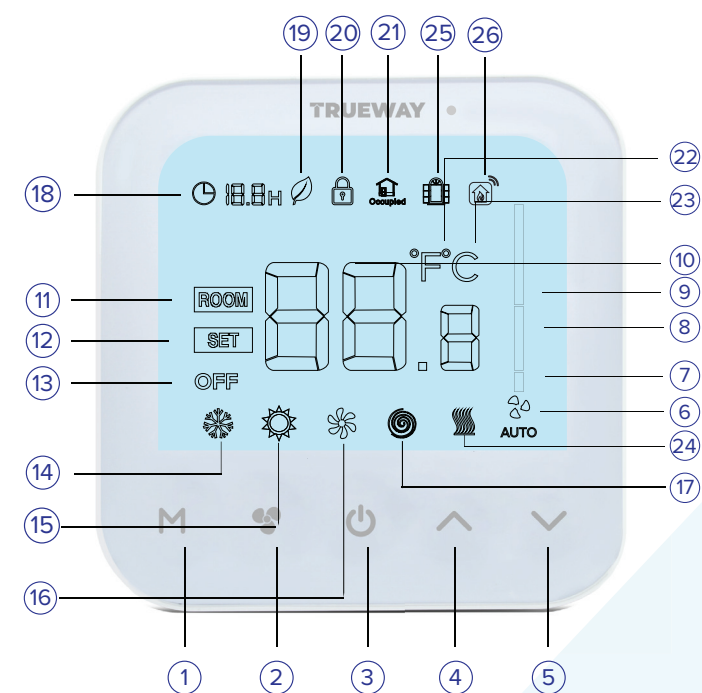
APPLICATIONS

- ▶ TX1007 series is touch pad thermostat with many variants suitable for EC motor cooling&heating fan coil units and DX single state compressor units. Available in basic standalone and modbus communicating variant.

SPECIFICATION

- ◆ Power Supply : 85-240VAC/24VAC ◆ Frequency: 50~60Hz
- ◆ Function : Cooling / Heating, Modulating 0-10V output
- ◆ Relay Life : 220±10% VAC, 3(5)A, 100,000 times
- ◆ Wiring Max: 16AWG
- ◆ Temperature Sensing Element : 10K (@25°C) NTC
- ◆ Temperature Display Accuracy : 0.5°C
- ◆ Set-point range: 10-32°C(50-90°F) • Display range: 0-50°C
- ◆ Protection Glass : IP 20 ◆ Operation Temperature : -18~49°C
- ◆ Installed on 75mm x 75mm box

LCD DISPLAY&BUTTON



- ① MODE
- ② FAN
- ③ POWER
- ④ UP
- ⑤ DOWN
- ⑥ AUTO FAN

- ⑦ FAN SPEED LOW
- ⑧ FAN SPEED MEDIUM
- ⑨ FAN SPEED HIGH
- ⑩ TEMP. DISPLAY
- ⑪ ROOM TEMP.
- ⑫ SET-POINT

- ⑬ SYSTEM OFF
- ⑭ COOLING MODE
- ⑮ HEATING MODE
- ⑯ VENTILATION MODE
- ⑰ COMPRESSOR FUNCTION DISPLAY
- ⑱ TIME - OFF
- ⑲ RESERVED
- ⑳ KEYPAD LOCK OUT
- ㉑ KEY CARD FUNCTION DISPLAY / ENERGY SAVING MODE
- ㉒ DEGREE FAHRENHEIT
- ㉓ DEGREE CENTIGRADE
- ㉔ HEATING COIL RESERVED
- ㉕ WINDOW OPEN RESERVED
- ㉖ FIRE ALARAM RESERVED

ORDERING PART NUMBERS

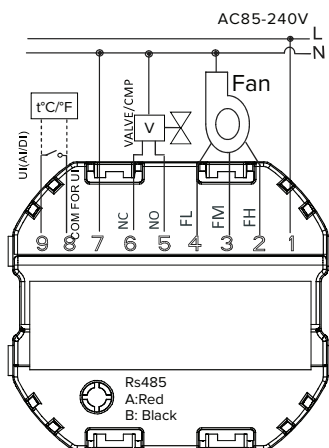
PART NUMBERS	OPERATING VOLTAGES	APPLICATIONS	VALVE TYPE	MODBUS RS485	UNIVERSAL INPUT(AI/DI)	IR REMOTE CONTROL
TX1007OF220-V2R	85-240VAC	2-PIPE/ SINGLE STAGE	ON-OFF VALVE / COMPRESSOR	X	✓	✓
TX1007OF220-V2MR	85-240VAC	2-PIPE/ SINGLE STAGE	ON-OFF VALVE / COMPRESSOR	✓	✓	✓
TX1007OF024-V2R	24VAC	2-PIPE/ SINGLE STAGE	ON-OFF VALVE / COMPRESSOR	X	✓	✓
TX1007OF024-V2MR	24VAC	2-PIPE/ SINGLE STAGE	ON-OFF VALVE / COMPRESSOR	✓	✓	✓

ABBREVIATION

CASING/COVER COLOR		BACKLIGHT COLOR	
BLACK	B	Sky Blue backlight + Black letters (TNLCD)	SB
WHITE	W		

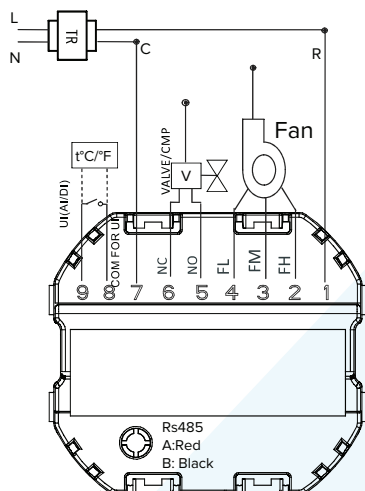
*ordering example TX1007OF024-V2R-WSB

WIRING DIAGRAM



NO	TERMINALS	DESCRIPTION
1	L	LIVE LINE IN
2	FH	HIGH SPEED FAN
3	FM	MEDIUM SPEED FAN
4	FL	LOW SPEED FAN
5	NO	NO FOR VALVE/ COMPRESSOR
6	NC	NC FOR VALVE/ COMPRESSOR
7	N	NEUTRAL LINE IN
8	COM	COM FOR UI
9	UI	AI (REMOTE SENSOR) DI (KEY CARD)

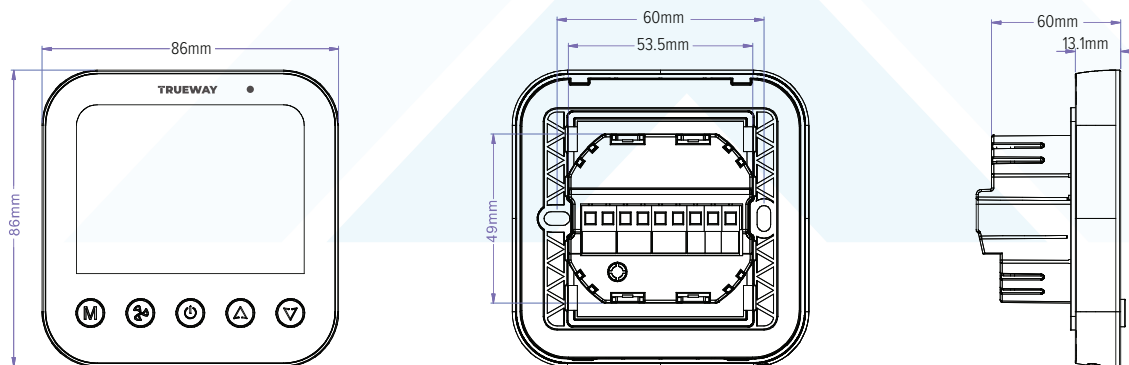
TX1007OF220-V2R / TX1007OF220-V2MR



NO	TERMINALS	DESCRIPTION
1	R	24V ACTIVE
2	FH	HIGH SPEED FAN
3	FM	MEDIUM SPEED FAN
4	FL	LOW SPEED FAN
5	NO	NO FOR VALVE/ COMPRESSOR
6	NC	NC FOR VALVE/ COMPRESSOR
7	C	24V NEUTRAL
8	COM	COM FOR UI
9	UI	AI (REMOTE SENSOR) DI (KEY CARD)

TX1007OF024-V2R/ TX1007OF024-V2MR

PRODUCT DIMENSION



Touch makes you Comfortable

OFFICE :
Trueway Controls Hong Kong Limited
Room 1318-19 Hollywood Plaza,
610 Nathan Road, Mongkok,
Kowloon, Hong Kong

FACTORY :
4F, Building A2,
Nanxi Industrial Area,
Xiangzhou District,
Zhuhai, China.