



Touch Screen Thermostat

MTSC/SUPER/HU

Owner's manual and technician settings

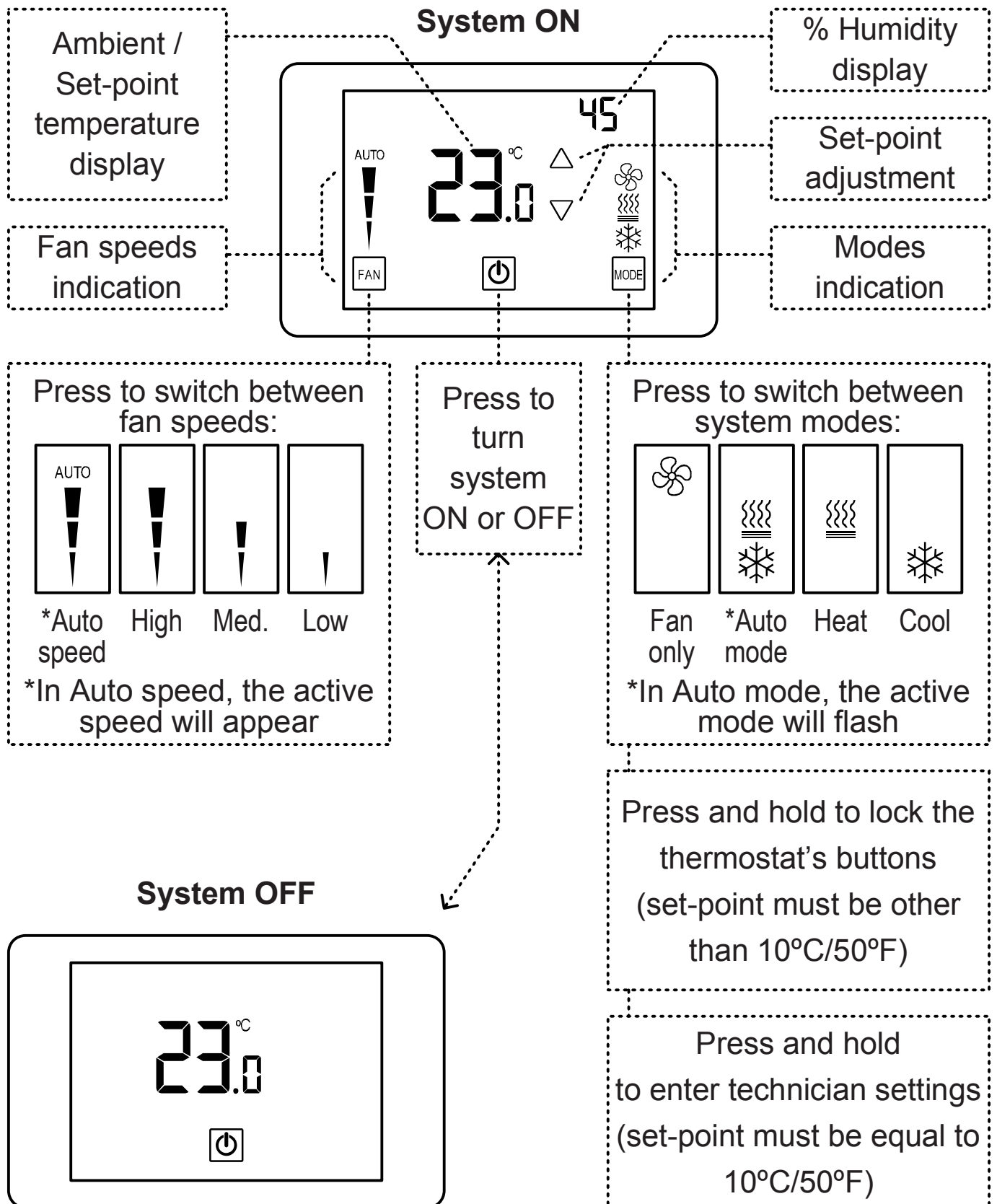


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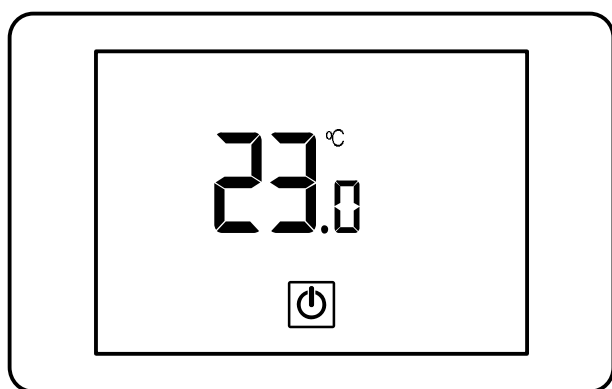
1. Owner's manual

1.1 Quick Guide

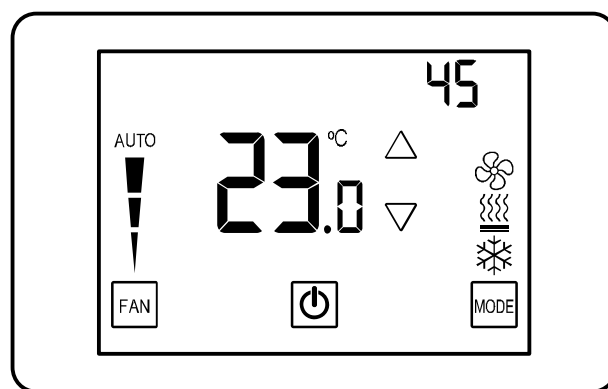


1.2 Turning the unit ON or OFF

- Press the  button to turn the unit ON – system mode and fan speed symbols will appear on display.
- Press again to turn the unit OFF – the symbols will disappear.



Unit OFF



Unit ON

1.3 Adjusting the set-point temperature

- While the thermostat is ON, press the  or  buttons – the set-point temperature will flash.
- Press again to adjust the set point.

Note: for humidity set-point please refer to technician settings – parameter P197.

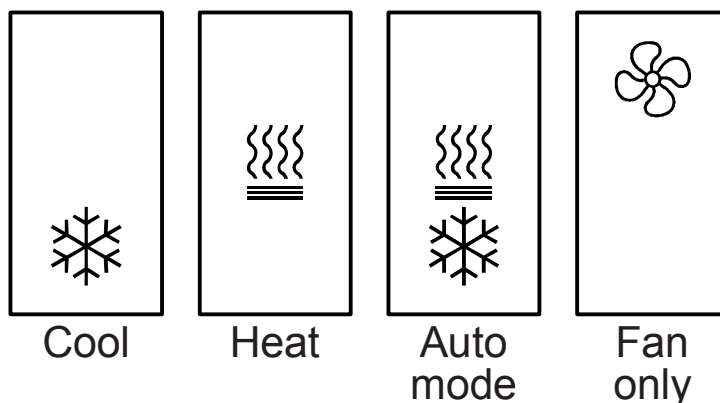
1.4 Switching between temperature scales

- Press and hold the  button to switch between temperature scales.

Note: set-point must be other than 10°C, 11°C/50°F, 51°F

1.5 Switching between system modes

- Press the  button to switch between system modes:



Notes:

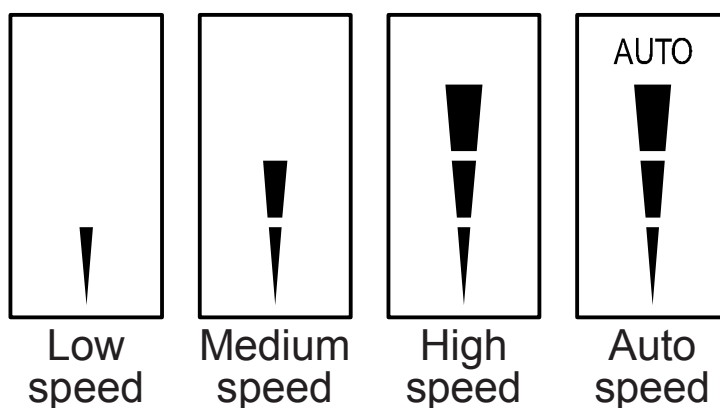
- During demand for cooling (cooling active), the  will flash.
- During demand for heating (heating active), the  will flash.

The selection of system modes may be disabled depending on system configuration.

1.6 Switching between fan speeds

- Press the  button to switch between fan speeds:

Note: When Auto speed is selected, the word “AUTO” and the active fan speed



will appear on display

The selection of fan speeds may be disabled depending on system configuration.

1.7 Fan on demand (Auto fan)

- Press and hold the  button to activate or deactivate fan on demand (Auto fan) function.

Notes:

- When activated, the fan will run with demand for cooling or heating (When activated in floor heating configuration - the fan will not run together with the floor heating output.
- The fan on demand function cannot be activated with “Fan only” mode.



This option may be disabled, depending on system configuration.

1.8 Lock the thermostat's buttons

- Press and hold the  button to lock or unlock the thermostat's buttons. When locked, the  icon will appear on display.

See technician parameters P4-P7 for locking options.

1.9 Timer for turning the thermostat off

- Press and hold the  button – the hours for the off-timer will appear on display. Adjust the timer using the  and  buttons. Range: 0...10 Hours, Set “0” to disable the timer.

1.10 Lights

- Press the  button to turn lights ON or OFF.

Note: enable the lights option using DIP switch S2.3

2. Installation Instructions

The MTC/SUPER/HU Thermostat designed for flush mounting in the room to be controlled. It should be located where the occupant can easily read the display and use the controls.

If the built in temperature and humidity sensors are being used to measure room temperature and humidity, the panel should be placed where the temperature is representative of the general room conditions, away from cold or warm air draughts, radiant heat and direct sunlight.

The panel should not be installed on an outside wall.

- The standard installation height is 1.5 meter (5 feet) from the floor.



WARNING: Risk of Electric Shock and Property Damage.
Disconnect power supply before making electrical connections.
The installation is to be performed by a qualified electrician.



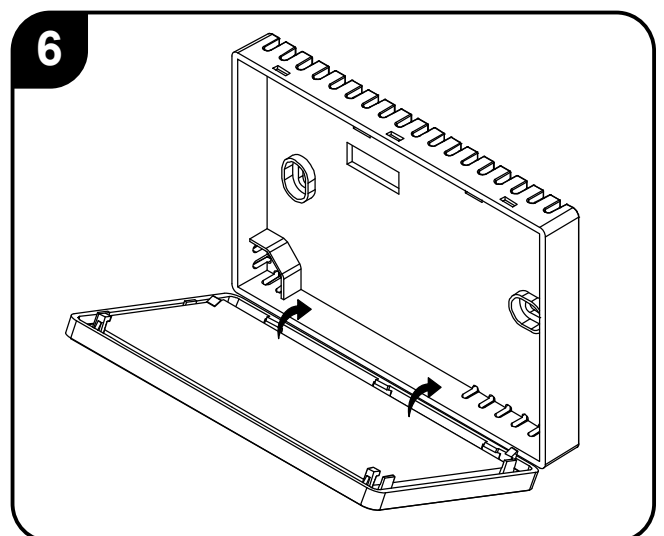
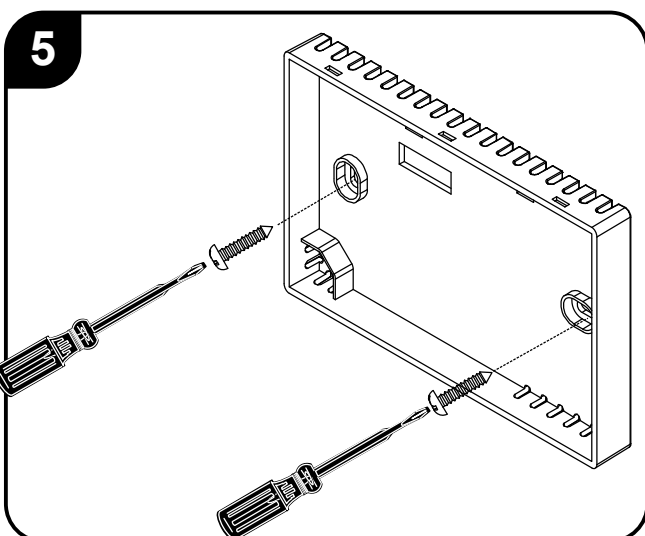
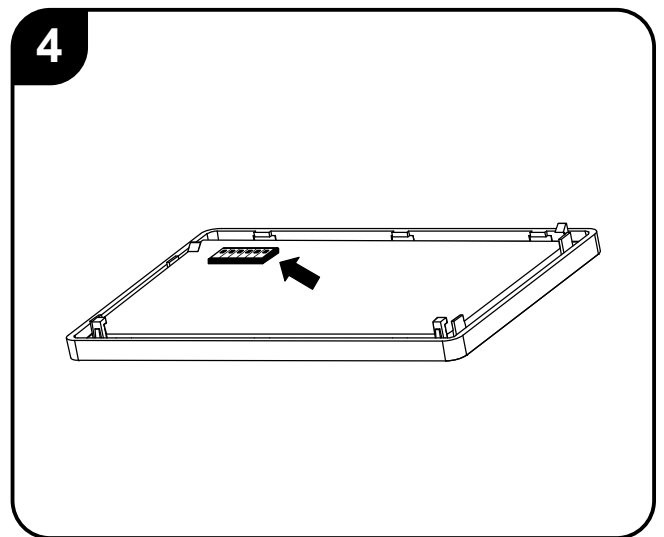
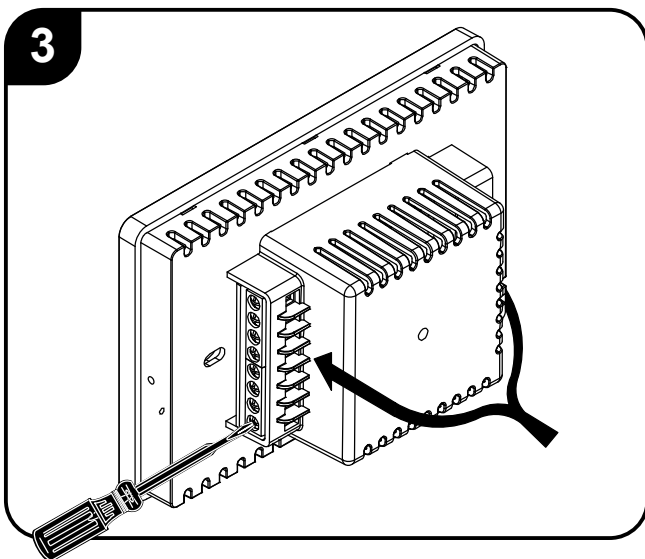
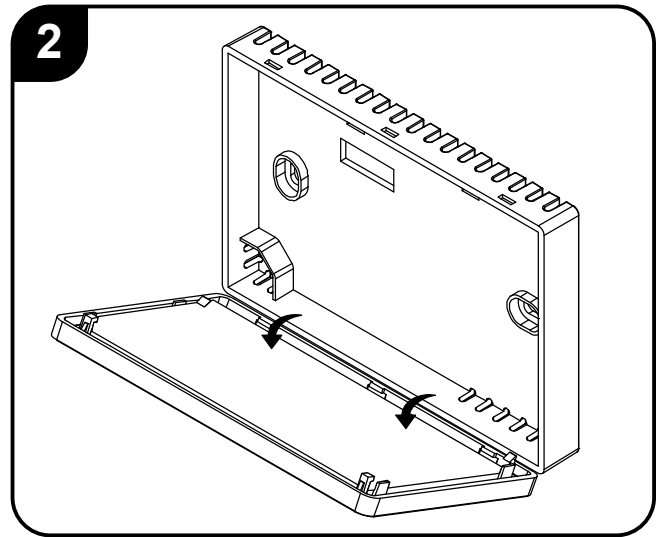
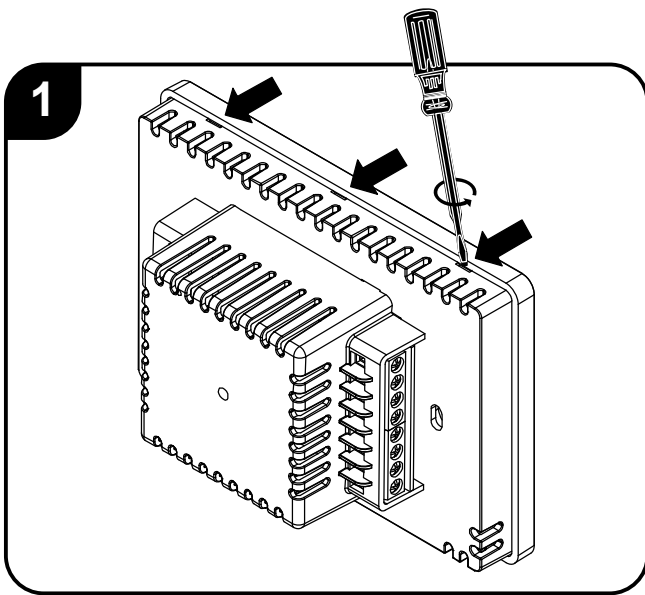
WARNING: The integrated circuits in the controller are sensitive to static currents. Take suitable precautions.

2. Installation Instructions (cont')

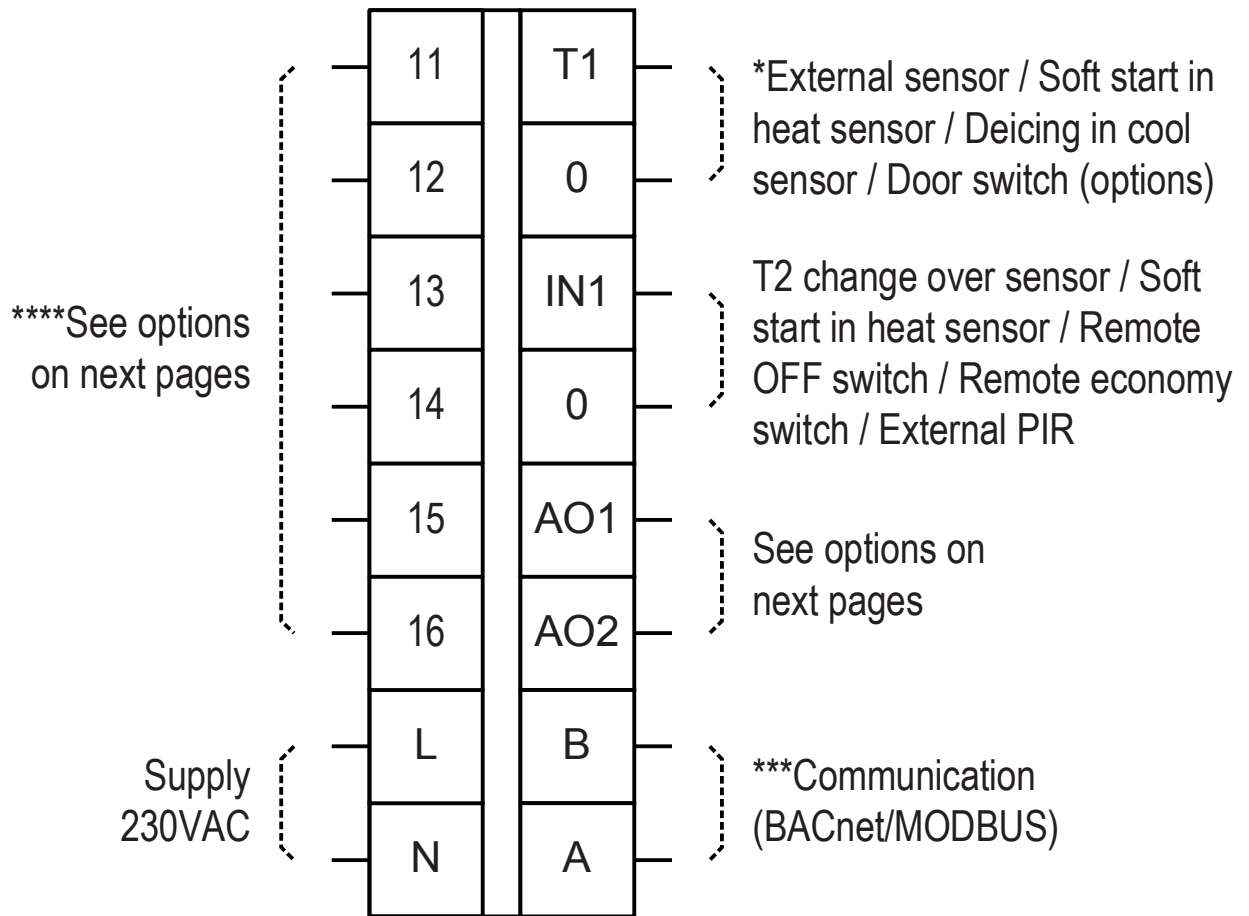
Installation procedure:

1. separate the front display from the back plastic cover by inserting a small flat screwdriver into each of the three slots as shown in the picture and rotating it gently.
2. Remove the front display and keep it in a safe place.
3. Connect the wires as shown in the enclosed wiring diagram. All terminals accept 1x0.5mm²/24 AWG.
4. If necessary, make changes to the DIP switches position as explained in this manual.
5. Place the thermostat in the electrical box and tighten up the 2 screws (Gewiss Box - GW 24 203).
6. Adapt the front frame-panel into its place, by pushing it towards the wall.

2. Installation Instructions (cont')



3. Wiring configuration and DIP Switches



* For T1,0 functionality – refer to parameter P8 in the technician settings section.

** For IN1,0 functionality – refer to parameter P9 in the technician settings section.

***Communication protocol is set by DIP Switch S1.8 as follows:

S1.8 ON – BACnet

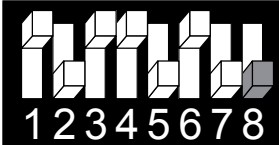
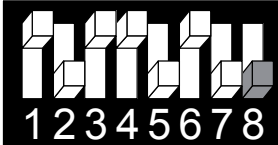
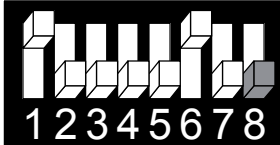
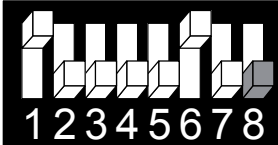
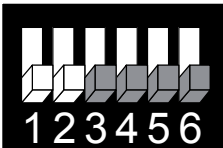
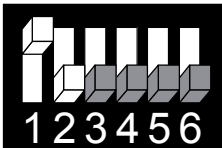
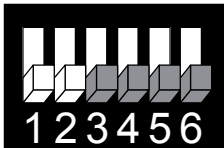
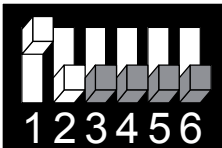
S1.8 OFF – MODBUS

****Lights button and output on terminal 14 is set by DIP Switch S2.3 as follows:

S2.3 ON – Lights enabled (override any other output assigned to terminal 14)

S2.3 OFF – Lights disabled

3. Wiring configuration and DIP Switches – AC systems

	HC32-1S (HU only)	HC32-1S (HU + DeHU)	HP42-1S (HU only)	HP42-1S (HU + DeHU)
11	Heat element 3	Heat element 3	Heat element 2	Heat element 2
12	Heat element 2	Heat element 2	Heat element 1	Heat element 1
13	Fan (1 speed)	Fan (1 speed)	Fan (1 speed)	Fan (1 speed)
14*	Compressor 2	Compressor 2	Compressor 2	Compressor 2
15	Compressor 1	Compressor 1	Compressor 1	Compressor 1
16	Heat element 1 (see SW1.4 HC)	Heat element 1 (see SW1.4 HC)	Heat pump (see SW1.4 HP)	Heat pump (see SW1.4 HP)
AO1	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON
AO2	X	Dehumidifier 0V OFF / 10V ON	X	Dehumidifier 0V OFF / 10V ON
SW1				
SW2				

SW1.8 = Protocol: ON – BACnet, OFF – MODBUS

SW1.4 = HP: ON – Heat pump active in cool, OFF – Heat pump active in heat

HC: ON – Electrical heater, OFF – Oil/Gas heater (no fan)

SW1.5 = ON: Disable compressor delay, OFF – Enable compressor delay

SW2.1 = With/Without dehumidifier: ON – With, Off – Without

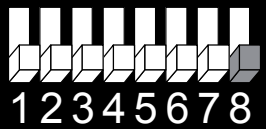
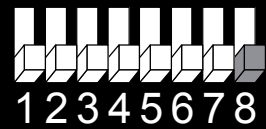
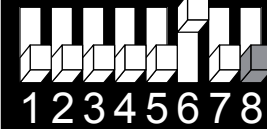
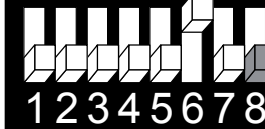
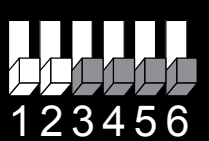
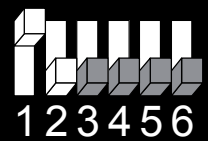
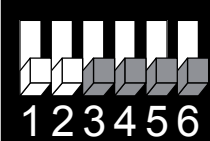
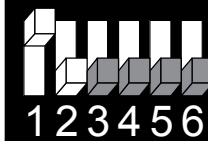
SW2.2 = Enable cool only mode: ON – Cool only, OFF – Cool and Heat

***SW2.3 = Enable lights button and use terminal 14 for lights output**

SW2.4 - SW2.6 – Not in use

HP - Heat pump system HC - Non heat pump system ## - Heating/Cooling stages

3. Wiring configuration and DIP Switches – AC systems

	HP22-3S (HU only)	HP22-3S (HU + DeHU)	HP21-3S (HU only)	HP21-3S (HU + DeHU)
11	Fan high	Fan high	Fan high	Fan high
12	Fan medium	Fan medium	Fan medium	Fan medium
13	Fan low	Fan low	Fan low	Fan low
14*	Compressor 2	Compressor 2	Heat element (2 nd stage heat)	Heat element (2 nd stage heat)
15	Compressor 1	Compressor 1	Compressor 1	Compressor 1
16	Heat pump (see SW1.4 HP)	Heat pump (see SW1.4 HP)	Heat pump (see SW1.4 HP)	Heat pump (see SW1.4 HP)
AO1	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON
AO2	X	Dehumidifier 0V OFF / 10V ON	X	Dehumidifier 0V OFF / 10V ON
SW1				
SW2				

SW1.8 = Protocol: ON – BACnet, OFF – MODBUS

SW1.4 = HP: ON – Heat pump active in cool, OFF – Heat pump active in heat

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SW1.5 = ON: Disable compressor delay, OFF – Enable compressor delay

SW2.1 = With/Without dehumidifier: ON – With, Off – Without

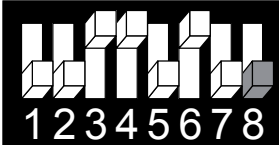
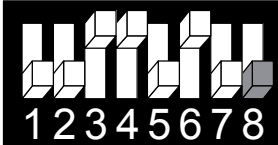
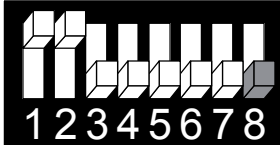
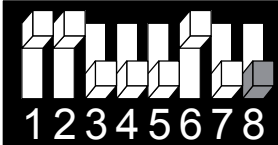
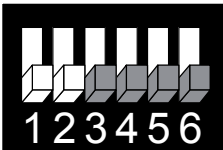
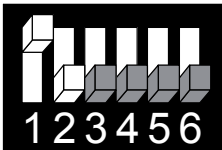
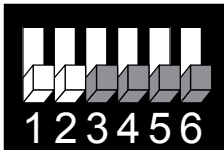
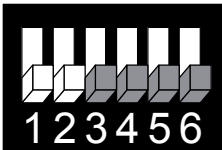
SW2.2 = Enable cool only mode: ON – Cool only, OFF – Cool and Heat

*SW2.3 = Enable lights button and use terminal 14 for lights output

SW2.4 - SW2.6 – Not in use

HP - Heat pump system HC - Non heat pump system ## - Heating/Cooling stages

3. Wiring configuration and DIP Switches – AC systems

	HC21-3S (HU only)	HC21-3S (HU + DeHU)	HP22-VFS (3S) (HU only)	HP21-VFS (3S) (HU only)
11	Fan high	Fan high	Fan high	Fan high
12	Fan medium	Fan medium	Fan medium	Fan medium
13	Fan low	Fan low	Fan low	Fan low
14*	Heat element 2	Heat element 2	Compressor 2	Heat element (2 nd stage heat)
15	Compressor 1	Compressor 1	Compressor 1	Compressor
16	Heat element 1 (see SW1.4 HC)	Heat element 1 (see SW1.4 HC)	Heat pump (see SW1.4 HP)	Heat pump (see SW1.4 HP)
AO1	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON
AO2	X	Dehumidifier 0V OFF / 10V ON	Fan VFS	Fan VFS
SW1				
SW2				

SW1.8 = Protocol: ON – BACnet, OFF – MODBUS

SW1.4 = HP: ON – Heat pump active in cool, OFF – Heat pump active in heat

HC: ON – Electrical heater, OFF – Oil/Gas heater (no fan)

SW1.5 = ON: Disable compressor delay, OFF – Enable compressor delay

SW2.1 = With/Without dehumidifier: ON – With, Off – Without

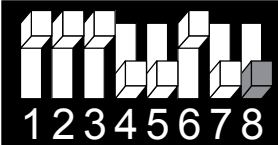
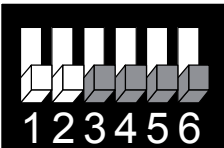
SW2.2 = Enable cool only mode: ON – Cool only, OFF – Cool and Heat

***SW2.3 = Enable lights button and use terminal 14 for lights output**

SW2.4 - SW2.6 – Not in use

HP - Heat pump system HC - Non heat pump system ## - Heating/Cooling stages

3. Wiring configuration and DIP Switches – AC / Fan coil systems

	HC21-VFS (3S) (HU only)
11	Fan high
12	Fan medium
13	Fan low
14*	Heat element 2
15	Compressor 1
16	Heat element 1 (see SW1.4 HC)
AO1	Humidifier 0V OFF / 10V ON
AO2	Fan VFS
SW1	
SW2	

SW1.8 = Protocol: ON – BACnet, OFF – MODBUS

SW1.4 = HP: ON – Heat pump active in cool, OFF – Heat pump active in heat

HC: ON – Electrical heater, OFF – Oil/Gas heater (no fan)

SW1.5 = ON: Disable compressor delay, OFF – Enable compressor delay

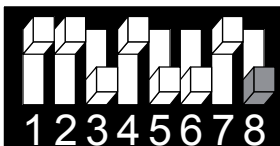
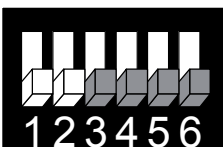
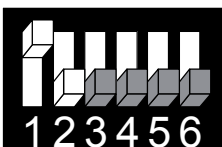
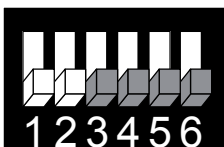
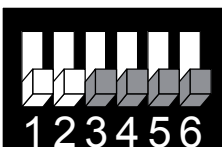
SW2.1 = With/Without dehumidifier: ON – With, Off – Without

SW2.2 = Enable cool only mode: ON – Cool only, OFF – Cool and Heat

***SW2.3 = Enable lights button and use terminal 14 for lights output**

SW2.4 - SW2.6 – Not in use

3. Wiring configuration and DIP Switches – AC / Fan coil systems

	2-Pipe 3S (HU only)	2-Pipe 3S (HU + DeHU)	2-Pipe VFS (3S) (HU only)	4-Pipe 3S (HU only)
11	Fan high	Fan high	Fan high	Fan high
12	Fan medium	Fan medium	Fan medium	Fan medium
13	Fan low	Fan low	Fan low	Fan low
14*	Heat element (2 nd stage heat)	Heat element (2 nd stage heat)	Heat element (2 nd stage heat)	Heat 2
15	Cool/Heat	Cool/Heat	Cool/Heat	Cool
16	X	X	X	Heat 1
AO1	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON
AO2	X	Dehumidifier 0V OFF / 10V ON	Fan VFS	X
SW1				
SW2				

SW1.8 = Communication Protocol: ON – BACnet, OFF – MODBUS

SW1.4 = Enable/Disable 2nd heating stage: ON – Enable, OFF – Disable

SW1.5 = Chilled beam option (fan will not run with 1st stage cooling) – SW1.5 ON

SW2.1 = With/Without dehumidifier: ON – With, Off – Without

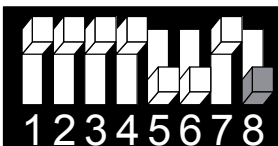
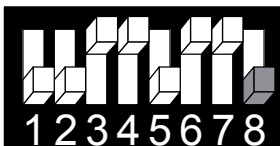
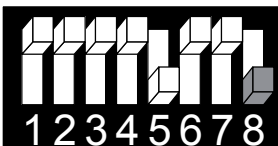
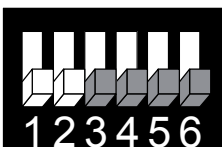
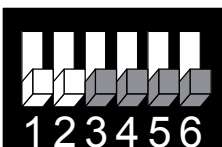
SW2.2 = Enable cool only mode: ON – Cool only, OFF – Cool and Heat

*SW2.3 = Enable lights button and use terminal 14 for lights output

SW2.4 - SW2.6 – Not in use

VFS = Fan VFS

3. Wiring configuration and DIP Switches – Fan coil systems

	4-Pipe 3S (HU + DeHU)	4-Pipe VFS (3S) (HU only)	4-Pipe 3S (HU + DeHU) F.H	4-Pipe VFS (3S) (HU only) F.H
11	Fan high	Fan high	Fan high**	Fan high**
12	Fan medium	Fan medium	Fan medium**	Fan medium**
13	Fan low	Fan low	Fan low**	Fan low**
14*	Heat 2	Heat 2	Heat 2*** (Floor heating)	Heat 2*** (Floor heating)
15	Cool	Cool	Cool	Cool
16	Heat 1	Heat 1	Heat 1 (Heat valve)	Heat 1 (Heat valve)
AO1	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON	Humidifier 0V OFF / 10V ON
AO2	Dehumidifier 0V OFF / 10V ON	Fan VFS	Dehumidifier 0V OFF / 10V ON	Fan VFS**
SW1				
SW2				

SW1.8 = Communication Protocol: ON – BACnet, OFF – MODBUS

SW1.4 = Enable/Disable 2nd heating stage: ON – Enable, OFF – Disable

SW1.5 = Chilled beam option (fan will not run with 1st stage cooling) – SW1.5 ON

SW2.1 = With/Without dehumidifier: ON – With, Off – Without

SW2.2 = Enable cool only mode: ON – Cool only, OFF – Cool and Heat

*SW2.3 = Enable lights button and use terminal 14 for lights output (not for F.H)

SW2.4 - SW2.6 – Not in use

VFS = Fan VFS

F.H = Floor heating

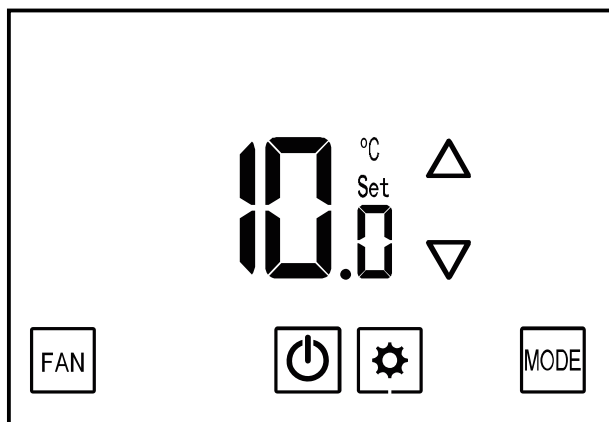
** When floor heating active – the fan remains OFF.

*** In order to use floor heating on 1st stage, turn on AUTO FAN (fan on demand) – see #1.7

4. Technician Settings

Enter technician settings

- Adjust the set-point temperature to 10°C.
- To enter technician settings, press and hold the  button for 5 seconds.
- Use the  button to advance to the next parameter.
- Use the  button to return to return to the previous parameter.
- Press the  button or wait 60 seconds to exit technician settings and return to normal display.



4. Technician settings (cont')

P1 – Offset for temperature readings calibration

Range: -6...+6°C / -9...+9°F.

Default: 0°C / 0°F.

P2 – Set point limit for cooling

Range: 5...35°C / 41...90°F.

Default: 5°C / 35°F.

P3 – Set point limit for heating

Range: 5...35°C / 41...95°F.

Default: 35°C / 95°F.

P4 – Lock the [Fan] button

“01” - [Fan] button Locked

“00” - [Fan] button unlocked

P5 – Lock the [Mode] button

“01” - [Mode] button Locked

“00” - [Mode] button unlocked (default)

P6 – Lock the [On/Off] button

“01” - [On/Off] button Locked

“00” - [On/Off] button unlocked (default)

4. Technician settings (cont')

P7 – Lock the [+] and [-] buttons (Set buttons)

- "01" - [+] and [-] buttons Locked
 - "00" - [+] and [-] buttons unlocked (default)
-

P8 – Functionality of T1 terminals

- "00" - T1 terminals are not in use (default)
 - "01" - External sensor
 - "02" - Soft start in heat sensor (FC), Deicing in cool (AC)
 - "03" - Door switch
-

P9 – Functionality of In1,0 terminals

- "00" - In1,0 terminals are not in use (default)
- "01" - T2 (Change over sensor)
- "02" - *T3 (Soft start in heat sensor)
- "03" - Remote On/Off switch
- "04" - Remote Economy switch
- "05" - External Passive Infrared detector (PIR)

* Where T1 terminals are used for external sensor,
the In1,0 terminals can be used for T3 sensor.

P10 – Window contact (terminals In1,0) polarity

- "00" - Normally open (default)
 - "01" - Normally close
-

4. Technician settings (cont')

P11 – Window contact delay time

Range: 0...999 seconds

Default: 600 seconds

P12 – Door switch / Door key-tag (terminals T1,0) polarity

“00” - Normally open (default)

“01” - Normally close

P13 – Door switch / Door key-tag delay time

Range: 0...999 seconds

Default: 180 seconds

P14 – Enable/Disable Auto change over mode

“00” - Disable Auto change over mode

“01” - Enable Auto change over mode (default)

P15 – Occupancy sensor logic (PIR)

“00” - Thermostat turns off when unoccupied
and back on when re-occupied

“01” - Thermostat turns off when unoccupied
and remains off when re-occupied

“02” - Thermostat uses economy set points (default)

P16 – Enable/Disable Occupancy sensor

“00” - Disable

“01” - Enable (default)

4. Technician settings (cont')

**P17 – PIR (occupancy sensor) delay time
before switching to unoccupied mode (ON delay)**

Range: 0...250 minutes, Default: 20 minutes

P19 – PIR (Occupancy sensor) polarity

“00” - Normally open (default)

“01” - Normally close

P25 – Economy set point for cooling

Range: 5...35°C / 41...90°F

Default: 30°C / 86°F

P26 – Economy set point for heating

Range: 5...35°C / 41...90°F

Default: 10°C / 50°F

4. Technician settings (cont')

P27 – Time on-delay between heating stages

Range: 0...600 seconds

Default: 5 seconds

P28 – Time off-delay between heating stages

Range: 0...600 seconds

Default: 1 seconds

P30 – Beeper ON or OFF

"01" - Beeper ON (default)

"00" - Beeper OFF

P31 – Fan ON delay in cooling (seconds)

Range: 0...120 seconds

Default: 0 seconds (no delay)

P32 – Fan OFF delay in cooling (seconds)

Range: 0...120 seconds

Default: 0 seconds (no delay)

P33 – Fan ON delay in heating (seconds)

Range: 0...120 seconds

Default: 0 seconds (no delay)

P34 – Fan OFF delay in heating (seconds)

Range: 0...120 seconds

Default: 30 seconds

4. Technician settings (cont')

P35 – Enable/Disable Freeze protection

“01” - Enable freeze protection (default)

“00” - Disable freeze protection

P36 – Freeze protection cut-in set point

Range: 8...15°C / 46...59°F

Default: 8°C / 46°F

P37 – Freeze protection cut-out set point

Range: 10...17°C / 50...63°F

Default: 10°C / 50°F

P40 – View filter counter (hours) – Read only

Range: 0...999 hours

P41 – Reset filter time

“00” - No action - keep counting (default)

“01” - Reset filter counter

P42 – Adjust filter alarm delay time counter (hours)

Range: 0...999 hours

Default: 0 hours (0 = Disable)

4. Technician settings (cont')

P43 – Soft start in heat – cut-in temperature

The fan will not start before the temperature on T3 sensor reaches the cut-in temperature.

Range: 14...37°C / 57...99°F

Default: 36°C / 96°F

P44 – Soft start in heat – cut-out temperature

The fan will stop if the temperature on T3 sensor drops below the cut-out temperature.

Range: 14...37°C / 54...95°F

Default: 32°C / 89°F

P45 – Cool differential band (On/Off)

Range: 0...5°C / 0...10°F

Default: 1°C / 2°F

P46 – Cool differential band offset

Range: 0...5°C / 0...10°F

Default: 0°C / 0°F

P47 – Heat differential band (On/Off)

Range: 0...5°C / 0...10°F

Default: 1°C / 2°F

P48 – Heat differential band offset

Range: -5...0°C / -10...0°F

Default: 0°C / 0°F

4. Technician settings (cont')

P49 – Shift between Cool and Heat in Auto change over mode

Range: 0...10°C / 0...20°F

Default: 2°C / 4°F

P51 – Shift between Heating stages

Range: 0...10°C / 0...20°F

Default: 2°C / 4°F

P52 – Cool proportional band (FC only!)

Range: 2...10°C / 4...20°F

Default: 2°C / 4°F

P53 – Cool proportional low limit (FC only!)

Range: 0...100%

Default: 0%

P54 – Cool proportional high limit (FC only!)

Range: 0...100%

Default: 100%

4. Technician settings (cont')

P55 – Heat proportional band (FC only!)

Range: 2...10°C / 4...20°F

Default: 2°C / 4°F

P56 – Heat proportional low limit (FC only!)

Range: 0...100%

Default: 0%

P57 – Heat proportional high limit (FC only!)

Range: 0...100%

Default: 100%

P60 – Proportional ON percent (FC only!)

Range: 0...30%

Default: 30%

P60 – Proportional OFF percent (FC only!)

Range: 0...20%

Default: 10%

4. Technician settings (cont')

P63 – Time on-delay between cooling stages

Range: 0...600 seconds

Default: 5 seconds

P64 – Time off-delay between cooling stages

Range: 0...600 seconds

Default: 1 seconds

P65 – Fan VFS proportional band in cooling

Range: 2...10°C / 4...20°F

Default: 2°C / 4°F

P66 – Fan VFS proportional band in heating

Range: 2...10°C / 4...20°F

Default: 2°C / 4°F

P67 – Fan VFS Low speed percent in cooling

Range: 0...30%

Default: 20%

P68 – Fan VFS Medium speed percent in cooling

Range: 30...60%

Default: 50%

P69 – Fan VFS High speed percent in cooling

Range: 60...100%

Default: 90%

4. Technician settings (cont')

P70 – Fan VFS Low speed percent in heating

Range: 0...30%

Default: 30%

P71 – Fan VFS Medium speed percent in heating

Range: 30...60%

Default: 50%

P72 – Fan VFS High speed percent in heating

Range: 60...100%

Default: 80%

P73 – VFS Medium speed differential

Range: 10...50%

Default: 35

P74 – VFS High speed differential

Range: 10...50%

Default: 35

4. Technician settings (cont')

P76 – Fan VFS Low limit in cooling

Range: 0...100%

Default: 0%

P77 – Fan VFS High limit in cooling

Range: 0...100%

Default: 100%

P78 – Fan VFS Low limit in heating

Range: 0...100%

Default: 0%

P79 – Fan VFS High limit in heating

Range: 0...100%

Default: 100%

P83 – View T2 temperature sensor readings

Note: If T2 is not connected, -9.8°C / -9.8°F
will appear on display

P84 – View T3 temperature sensor readings

Note: If T3 is not connected, -9.8°C / -9.8°F
will appear on display

4. Technician settings (cont')

P85 – Deice in cool – cut-in temperature (AC only!)

Range: -20...99°C

Default: 0°C

P86 – Deice in cool – cut-out temperature (AC only!)

Range: -20...99°C

Default: 8°C

P87 – Deice in heat time (AC only!)

Range: 120...420 Seconds

Default: 300 Seconds

P88 – Deice in heat break time (AC only!)

Range: 600...1800 Seconds

Default: 1500 Seconds

P89 – Deice in heat – cut-in temperature (AC only!)

Range: -20...99°C

Default: 0°C

P90 – Deice in heat – cut-out temperature (AC only!)

Range: -20...99°C

Default: 16°C

P91 – Compressor delay (AC only!)

Range: 0...360 Seconds

Default: 10 Seconds

4. Technician settings (cont')

P99 – One or Two set points (for cool and for heat)

“00” - One set point for cooling and heating (default)

“01” - two set points – one for cool and one for heat

P100 – Enable/Disable Screen dimming

“00” - Enable

“01” - Disable (default)

P101 – Screen dimming delay

Range: 0...99 minutes

Default: 5 minutes

P102 – Dimming percentage value

Range: 1,5,10...90%

Default: 10%

P105 – Display brightness

Range: 50...100%

Default: 100%

P188 – Room temperature limit for disabling dehumidification in unoccupied mode

Range: 10...30°C

Default: 18°C

4. Technician settings (cont')

P189 – Dehumidification cycle in unoccupied mode

Range: 0...600 minutes

Default: 20 minutes

P190 – Dehumidification break time in unoccupied mode

Range: 0...900 minutes

Default: 40 minutes

P191 – Door switch/key-tag function for unoccupied mode

0 – Turn unit off

1 – Switch to economy set-points

2 – Air circulation – Fan on

P192 – Temperature set-point for re-heat in unoccupied mode

Range: 10...20°C

Default: 20°C

P194 – Humidity differential band

Range: 0...10 %RH

Default: 5%RH

P195 – Humidity sensor reading offset

Range: -9...+9 %RH

Default: 0 %RH

4. Technician settings (cont')

P196 – Dead zone between humidification and dehumidification

Range: 0...100 %RH

Default: 0 %RH

P197 – Humidity set-point

Range: 20...100 %RH

Default: 80 %RH

P200 – Restore defaults

Press the  button to restore defaults

Press the  button twice to return to normal display

Press the  button to return to parameter P1 or wait 60 seconds to exit technician settings and return to normal display.

5. MAC Address

Enter MAC Address settings

- Adjust the set-point temperature to 11°C – the button  will appear on display.
- To enter MAC Address settings, press and hold the  button for 5 seconds.
- Use the  and  buttons to change the MAC Address.
Set “0” for no communication.
- Press the  button to return to normal display.

