IR Receiver
(option)

Cool
Heat
Fan

23

Set   °C

ON
OFF

FAN   MODE   ON
OFF

G ) Fan 24VAC
C )
R ) 24VAC
0 )
0 ) Proportional output for heat
W ) (0...10VDC)
0 ) Proportional output for cool
0 ) (0...10VDC)
Y ) Proportional output for cool
   (0...10VDC)

## Technician Settings:

**Temperature limits for cool and heat, differential for 0-10VDC, Proportional output selection 0-10VDC or 2-10VDC and offset for temperature readings.**

- Adjust the set point temperature to **10°C**.
- Wait until display returns to normal.
- Press and hold the MODE button (15 seconds) – the word "Cool" will flash.
- Using the "+" and "-" buttons adjust the **temperature limit for cool** (range 10...30°C, default 10°C).
- Press the MODE button again – the word "Heat" will flash.
- Using the "+" and "-" buttons adjust the **temperature limit for heat** (range 10...30°C, default 30°C).
- Press the MODE button again – the **differential** will appear on the display. The Differential defines the ratio between the opening level of the valve and the temperature demand.
  The valve will be fully opened when the demand (demand = ambient temp – set temp) equals the differential.
- Using the "+" and "-" buttons adjust the differential (range 2...10°C, default 2°C).
- Press the MODE button again – "0" or "2" will appear on the display.
- Using the "+" and "-" buttons select between:
  o "2" - **2-10VDC**
  o "0" - **0-10VDC**
- Press the MODE button again – the offset will appear on display.
  The Offset is used for field calibration of the measured temperature if necessary.
  Using the "+" and "-" buttons adjust the offset (range -6...+6°C, default 0°C).
- Press the MODE button again to return to normal display.

**Lock the buttons**
- Make sure that the set point temperature is **not 10°C**.
- Press and hold the MODE button (20 seconds) to lock the buttons – "LC" will appear on display.
- Press and hold the MODE button again (20 seconds) to unlock the buttons – "LC" will disappear from display.

## Operating Manual:

**ON/OFF**       Press the ON-OFF button to turn the thermostat ON or OFF.

**MODE**         Press the MODE button to switch between COOL, HEAT, AUTO and FAN ONLY.

**AUTO FAN**     Press the FAN button to activate auto fan
                 When auto fan active, the word "Fan" will flash, and the fan will work only during
                 demand for cool or heat.
                 When auto fan is not active, the word "Fan" will stop flashing and the fan will
                 work continuously.
                 Auto fan is not applicable in fan only mode.

**TIMER**        The timer can be operated using the remote control only. When the timer is
                 active, the word "Aux" will appear on display.

| Title: | No. | Revision | Date | Print name: ERT340P OUT-FMT-24P3 | Drawn: P.Rechtman |
| --- | --- | --- | --- | --- | --- |
| **FMH24-P-1S-IR** | | | | Software: FP1S | Checked: O.Volovitch |
| Date: 09.12.2007 | | | | Checksum: ECE 5 | Approved: E.Roy |
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