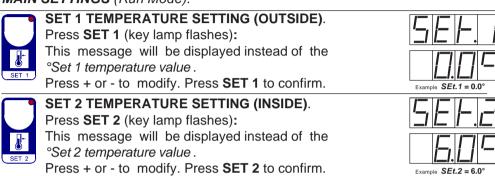




# MAIN SETTINGS (Run Mode).



# COSt PROGRAMMING (System constants)

SET 2	

These settings refer to the operation mode of the system and must be made on initial startup. Press - / + at the same time for at least one second: the message **C.O.S.t.** will be displayed.

Press than repeatedly **SET 2** until the message regarding the chosen variable is displayed (see table below): variable's value and message will be displayed. Press + or - to set a new value and then press **SET 2** to confirm.

The next system constant will then appear.

You can press SET 2 for at least 2 seconds to exit and return to the Run Mode.

Mess.	Value	Meaning	Note
SEt.d	3.0°	°SET inside-outside function (OUT 1)	*1)
diF.d	0.2°	SET 2 in-out differential (OUT 1)	*1)
diF.2	0.2°	SET 2 inside differential (OUT 2)	*1)
t.oFF	1"	Time of minimum off relay 1 (anti-oscillation)	*1)
tEnP	=1	Temperature representation (=1 $^{\circ}$ C, =2 $^{\circ}$ F)	*2)
Ad.t1	0.0°	℃ Outside temperature sensor correction (+ or -)	*3)
Ad.t2	0.0°	${}^{\circ}\!$	*3)

\*1) For more details see Operating Diagrams.

\*2) *tEnP* =1 : °C Temperature range.

- *tEnP* =2 : °F Temperature range.
- \*3) You can correct the readings on the various sensors (+ or -).

# PRESET PROGRAMS

At delivery this processor is programmed with the following (variable) settings. To return to these settings at any time. Power off the processor, press **SET 2** key and keep it pressed giving power on: release **SET 2** key when on the screen **boot** message appears. **SET 1** = 0.0° **SET 2** = 6.0° The **COSt** values are shown in **COSt** paragraphs.

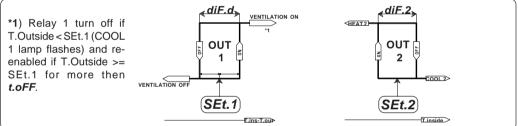
# MANUAL MODE

- In some start-up conditions may be useful to work in "hand" mode.
  - Power off the processor, press + key and keep it pressed giving power on:
  - HAnd message will be displayed (release now + key).
  - Press + until is displayed number required to be handed (see table relays "N° Relay ") and press SET 2 for activing relay.
  - Pressing again + for increase relay number previous relay is disactivated.
  - You can press SET 2 key for a least two seconds to escape and return to the Run Mode.

# STATE INDICATION LAMPS

The lights situated at the bottom of the display show the state of the relay.			
Lamp.	State	N. Relay	Contacts
HEAT (1)		1	4-5
COOL (1)	Ventilation On	1	3-4
HEAT (2)	HEAT 2 Output On	2	6-7
COOL (2)	COOL 2 Output On	2	7-8

# **OPERATIVE DIAGRAMS**



# INSTALLATION

#### How to connect the sensors

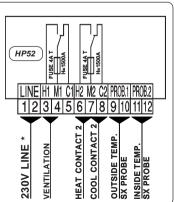
Connect the provided sensors as shown in the diagram. For remote connections use a standard 0.5-square millimetre two-pole wire for each sensor, taking great care over the connections, by insulating and sealing the joins carefully. -O.C.- is displayed when the temperature sensor wiring is open, -S.C.- is displayed when the temperature sensor wiring is short circuit.

How to connect the line

Connect line on terminals L-N.

### How to connect the contacts

Connect terminals on the terminal block (contacts up to 4AMP.AC1) to the loads as shown in the diagram.



\* Other power voltage if you required

As it company policy to continually improve the products the Manufacturers reserve the right to make any modifications thereto without prior notice. They cannot be held liable for any damage due to malfunction.



#### PRESET PROGRAMS



At delivery this processor is programmed with the following (variable) settings. To return to these settings at any time.

Power off the processor, press **SET 2** key and keep it pressed giving power on: release **SET 2** key when on the screen **boot** message appears.

**SEt. 1 = 0.0°** SEt. 2 = 6.0° The COSt values are shown in COSt paragraphs.

#### MANUAL MODE

In some start-up conditions may be useful to work in "hand" mode.

Power off the processor, press + key and keep it pressed giving power on:

HAnd message will be displayed (release now + key).

Press + until is displayed number required to be handed (see table relays "N° Relay ") and press SET 2 for activing relay.

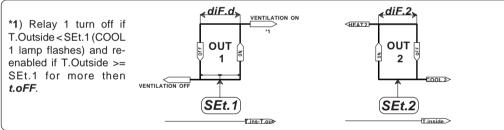
Pressing again + for increase relay number previous relay is disactivated.

You can press **SET 2** key for a least two seconds to escape and return to the *Run Mode*.

### STATE INDICATION LAMPS

_	The lights situated at the bottom of the display show the state of the relay.			_	
	Lamp.	State	N. Relay	Contacts	
	HEAT (1)		1	4-5	
	COOL (1)	Ventilation On	1	3-4	
	HEAT (2)	HEAT 2 Output On	2	6-7	
	COOL (2)	COOL 2 Output On	2	7-8	

# **OPERATIVE DIAGRAMS**



#### INSTALLATION

#### How to connect the sensors

Connect the provided sensors as shown in the diagram. For remote connections use a standard 0.5-square millimetre two-pole wire for each sensor, taking great care over the connections, by insulating and sealing the joins carefully. -O.C.- is displayed when the temperature sensor wiring is open, -S.C.- is displayed when the temperature sensor wiring is short circuit.

How to connect the line

Connect line on terminals L-N.

#### How to connect the contacts

Connect terminals on the terminal block (contacts up to 4AMP.AC1) to the loads as shown in the diagram.

\* Other power voltage if you required

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# 230V LINE \* VENTILATION VENTILATION VENTILATION VENTILATION VENTILATION VENTILATION VENTILATION COOL CONTACT 2 COOL CONTACT 2 SX PROBE INSIDE TEMP. SX PROBE



#### PRESET PROGRAMS

At delivery this processor is programmed with the following (variable) settings. To return to these settings at any time. Power off the processor, press SET 2 key and keep it pressed giving power on: release SET 2 key when on the screen *boot* message appears. SET 2 SET

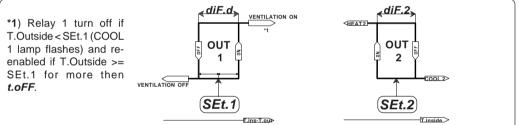
# MANUAL MODE

		In some start-up conditions may be useful to work in "hand" mode. Power off the processor, press + key and keep it pressed giving power on: <i>HAnd</i> message will be displayed (release now + key). Press + until is displayed number required to be handed (see table relays "N° Relay ") and press <b>SET 2</b> for activing relay. Pressing again + for increase relay number previous relay is disactivated. You can press <b>SET 2</b> key for a least two seconds to escape and return to the <i>Run Mode</i> .
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# STATE INDICATION LAMPS

The lights situated at the bottom of the display show the state of the relay.			
Lamp.	State	N. Relay	Contacts
HEAT (1)		1	4-5
COOL (1)	Ventilation On	1	3-4
HEAT (2)	HEAT 2 Output On	2	6-7
COOL (2)	COOL 2 Output On	2	7-8

# **OPERATIVE DIAGRAMS**



# INSTALLATION

#### How to connect the sensors

Connect the provided sensors as shown in the diagram. For remote connections use a standard 0.5-square millimetre

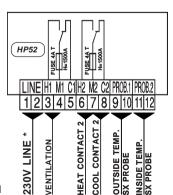
two-pole wire for each sensor, taking great care over the connections, by insulating and sealing the joins carefully. -O.C.- is displayed when the temperature sensor wiring is open, -S.C.- is displayed when the temperature sensor wiring is short circuit.

How to connect the line

Connect line on terminals L-N.

#### How to connect the contacts

Connect terminals on the terminal block (contacts up to 4AMP.AC1) to the loads as shown in the diagram.



\* Other power voltage if you required

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