



## ROOF-TOP UNITS

### RTX/RTY USER SETTING MANUAL



6192239\_00



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## USER TERMINAL

### Main view

The roof-top units can be equipped with two types of terminals: built-in (fig.1) and remote (fig. 2).



Fig. 1

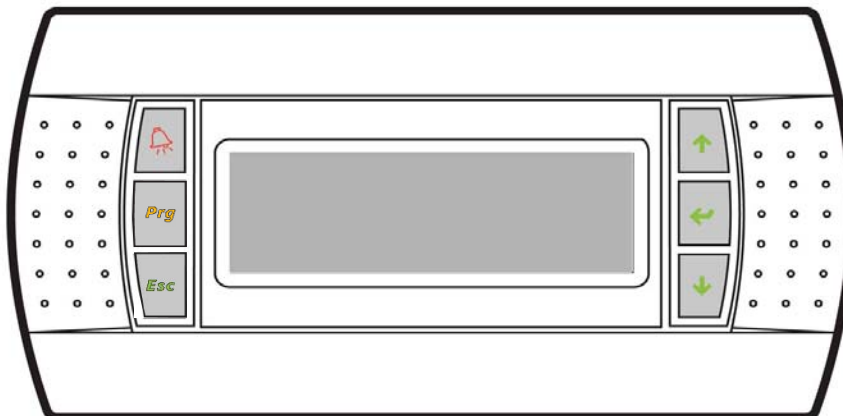


Fig. 2

## Keyboard

The keyboard is composed of 6 keys and is integrated within the display as shown in the previous figures.



**Alarm** key. Used for consultation and resetting of the alarms.  
Rapid pressing: off and alarms display  
Prolonged pressing: alarm history display



**Program** key. Used to display the menus.  
Rapid pressing: display of user menu  
Prolonged pressing: display of the screen to enter passwords to access the maintainer, installer and manufacturer menus



**Esc** key Used to exit the various menus and to return to the main screen



**UP** key. Used for scrolling up within the menus and setting of the control parameters



**Enter** key. Used for confirmation or power on/off of the machine.  
Rapid pressing: confirmation of the data entered  
Prolonged pressing: power on/off of the machine.



**DOWN** key. Used for scrolling down within the menus and setting of the control parameters

## Display

The display shows the main information of operation of the machine (Fig. 3).

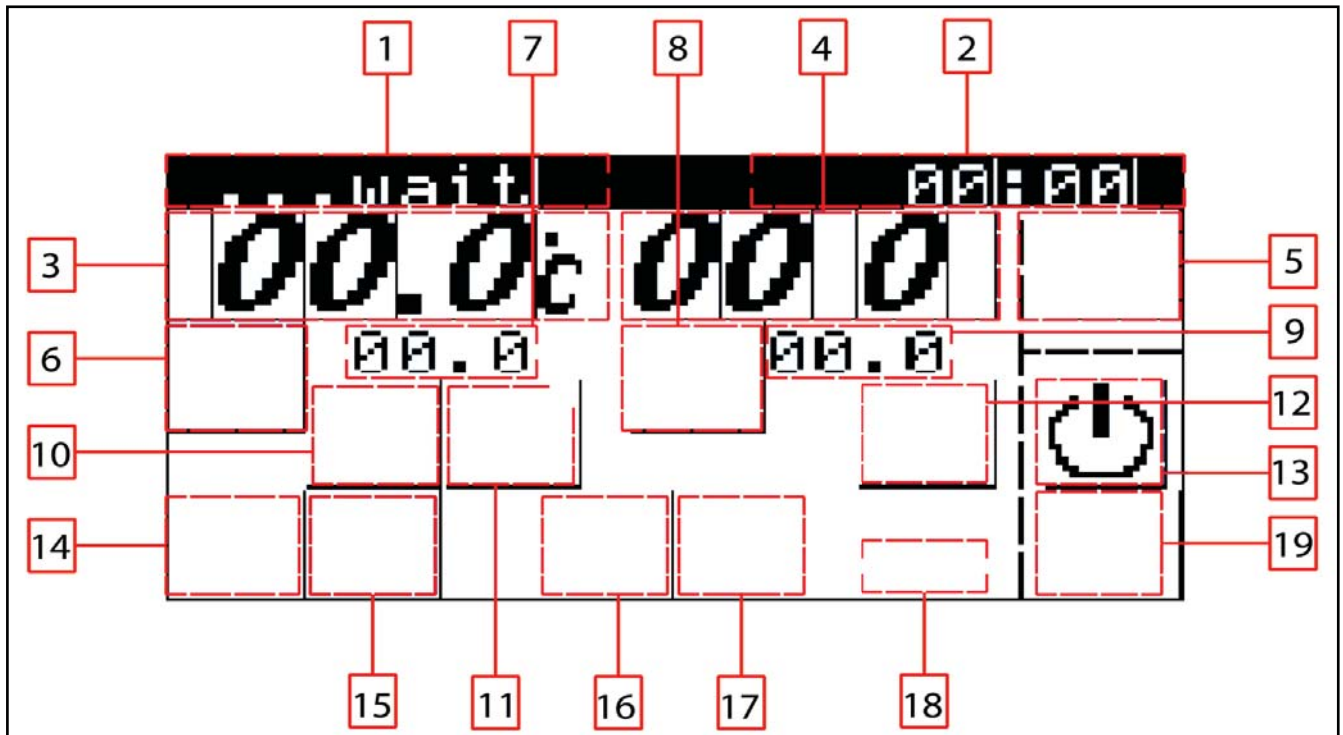


















Fig. 3

## Icons

The indications on the state of operation of the units are shown on a display via the use of words, numbers and icons.

1. INDICATION OF THE STATE OF THE SYSTEM. The state of the system is displayed according to the following conditions:
  - wait: the system is waiting for input
  - ON: the system is working correctly
  - OFFdaALR: the system has been shut down by an alarm
  - OFFdaNET: the system has been shut down by the network
  - OFFdaBMS: the system has been shut down by a supervisor
  - OFFdaFSC: the system has been shut down according to the indications of the time slot
  - OFFdaDIN: the system has been shut down by a digital command
  - OFFdaKEY: the system has been shut down by the keyboard
  - MANUAL: the system is in manual condition

- SPARE PART: the system is in replacement condition
  - WASHING: the system is in washing condition
2. DAY / TIME. The day of the week and the current time is displayed
  3. RECOVERY TEMPERATURE: displays the value in degrees centigrade of the recovery temperature
  4. RELATIVE HUMIDITY: displays the value as a percentage of relative humidity
  5. ALARM TIME SLOT: the icon  is displayed when the machine goes into time slot alarm
  6. TOLERANCE TEMPERATURE: the icon  is displayed when the recovery temperature is within a predefined range of tolerance
  7. SET POINT TEMPERATURE: the value in degrees centigrade of the recovery temperature is displayed
  8. HUMIDITY TEMPERATURE: the icon  is displayed when the recovery temperature is within a predefined range of tolerance
  9. SET POINT HUMIDITY: the value in degrees centigrade of the humidity set point is displayed
  10. FREE COOLING - FREE HEATING - RECOVERY: the icon  is displayed when the mode of free cooling - free heating is active or the icon  is displayed when the mode of heat recovery is active
  11. MODE: the icon  is displayed when the replacement mode is active, the icon  is displayed when the cooling mode is active or the icon  is displayed when heating mode is active
  12. HUMIDIFICATION - DEHUMIDIFICATION: the icon  is displayed when the humidification mode is active or the icon  is displayed when the dehumidification mode is active
  13. ON - OFF: the icon  is displayed when the system is on or the icon  is displayed when the system is off
  14. ALARM: the icon  is displayed with confirmation of the presence of an alarm
  15. DEFROST: the icon  is displayed when the defrost mode is on
  16. SUMMER - WINTER: the icon  is displayed when the summer mode is active or the icon  is displayed when the winter mode is active
  17. FINE TUNING - WASHING: the wording -M.REG- is displayed during the fine tuning phase or the wording -WASH- is displayed during the washing phase
  18. ON - OFF: the wording shDOWN is displayed during the shutdown preparation phase and the wording stUP is displayed during the start up preparation phase

## MENUS

### Main menu

Pressing the Prg key from the stand-by screen provides access to the main menu (Fig. 4).

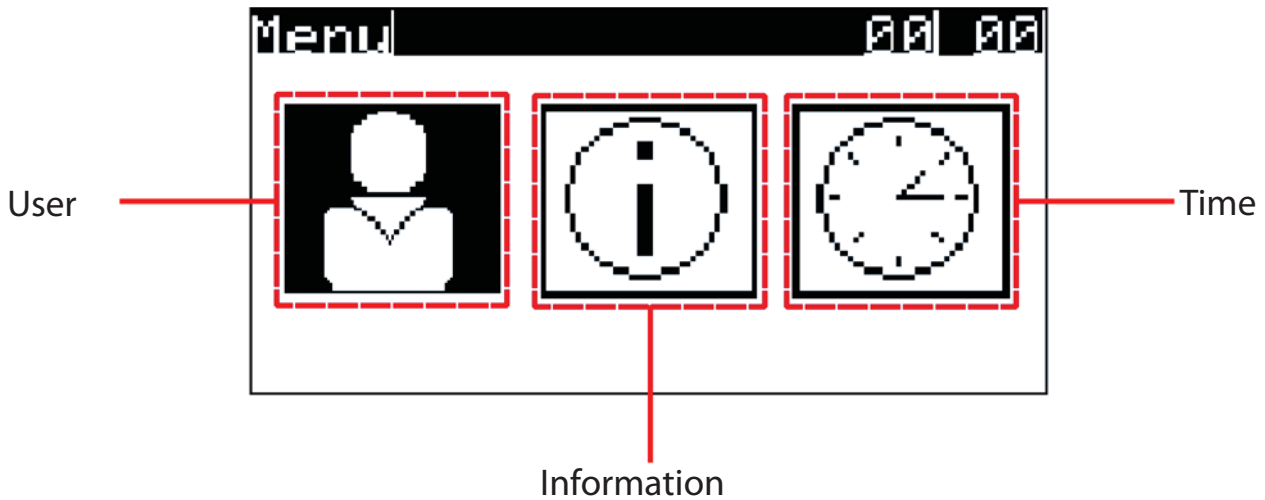


Fig. 4

### USER Menu

Positioning over User and pressing the Enter key provides access to the User menu. The menu is composed of two screens, that can be scrolled using the Up and Down keys:

1. on-off screen and adjustment mode (Fig. 5)
2. screen for setting of the Summer - Winter set point temperature (Fig. 6)

The first screen of the User menu is the screen of on/off and mode adjustment. Positioning on this screen and pressing the Enter key it is possible to change through the use of the Up and Down keys the settings of on/off of the machine and of summer and winter air conditioning.



Fig. 5



The second screen of the User menu is the setting screen of the set point temperature. Positioning on this screen and pressing the Enter key it is possible to change through the use of the Up and Down keys the values of the set point temperatures of summer and winter air conditioning. Where the time slot option is active two summer set point temperatures and two winter set point temperatures will be displayed.

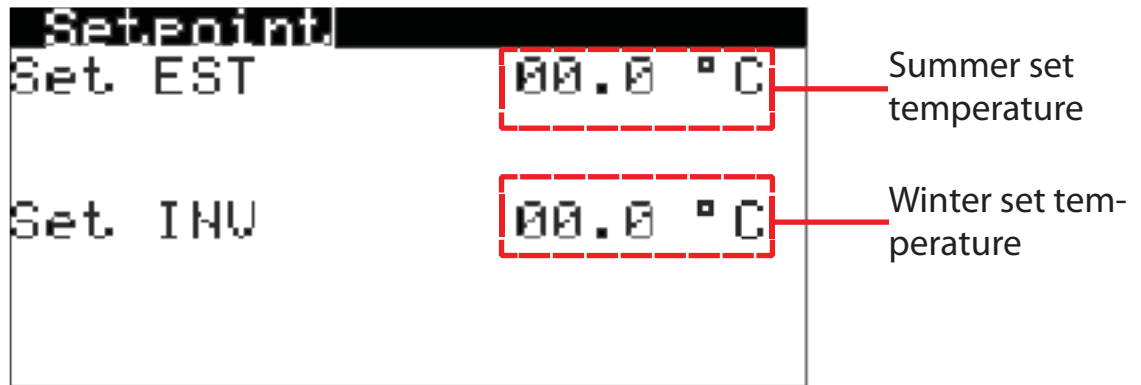


Fig. 6

### Information Menu

Positioning over Information and pressing the Enter key provides access to the Information menu. The menu is composed of two screens (not clickable) that can be scrolled through using the Up and Down keys:

1. screen of the main information (Fig. 7)
2. screen of the secondary information (Fig. 8)

The first screen of the Information menu provides information on:

- model of the machine
- code and version of the software
- version of the bios and boot



Fig. 7

The second screen of the Information menu provides information on:

- type and size of the card
- flash memory
- RAM memory
- built-in type
- number of machine cycles

```

Informazioni
Tipo scheda:      FC02
Taglia scheda:   Type B
Memoria flash:   0000KB
Memoria RAM:     0000KB
Tipo built-in:   None
Ciclo macchina:
00.0cicli/s     0000ms
    
```

Fig. 7

### Time Menu

Positioning over Time and pressing the Enter key provides access to the Time menu. The menu is composed of six screens, that can be scrolled through using the Up and Down keys:

1. screen of the time and date settings (Fig. 8)
2. screen of activation of the time slots (Fig. 9)
3. screen of setting of the time slots (Fig. 10)\*
4. screen of setting of the special periods (Fig. 11)\*
5. screen of settings of the special days (Fig. 12)\*
6. screen of setting of the daylight saving time (Fig. 13)

\*(screens only visible if use of the time slots is enabled)

The first screen of the Time menu is the screen of time, date and day. Positioning on this screen and pressing the Enter key it is possible to change through the use of the Up and Down keys the settings of hour and date.

```

Orologio
Ora:      00:00
Data:     00/00/00
Giorno:   ***
    
```

Hour  
Date

Fig. 8

The second screen of the Time menu is the screen of activation of the time slots. Positioning on this screen and pressing the Enter key it is possible to enable or disable the operation through time slots.

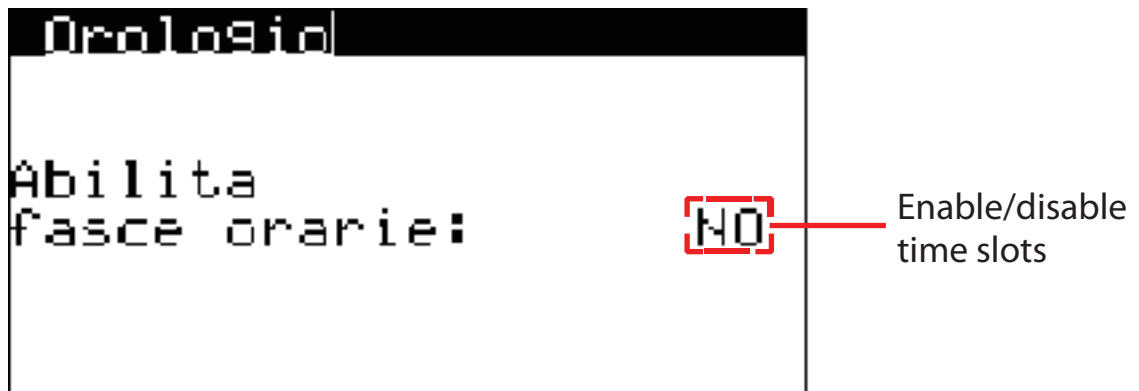


Fig. 9

The third screen of the Time menu is the screen of definition of the time slots. Positioning on this screen and pressing the Enter key, it is possible to modify the settings of each time slot, both in cooling mode and in heating mode.

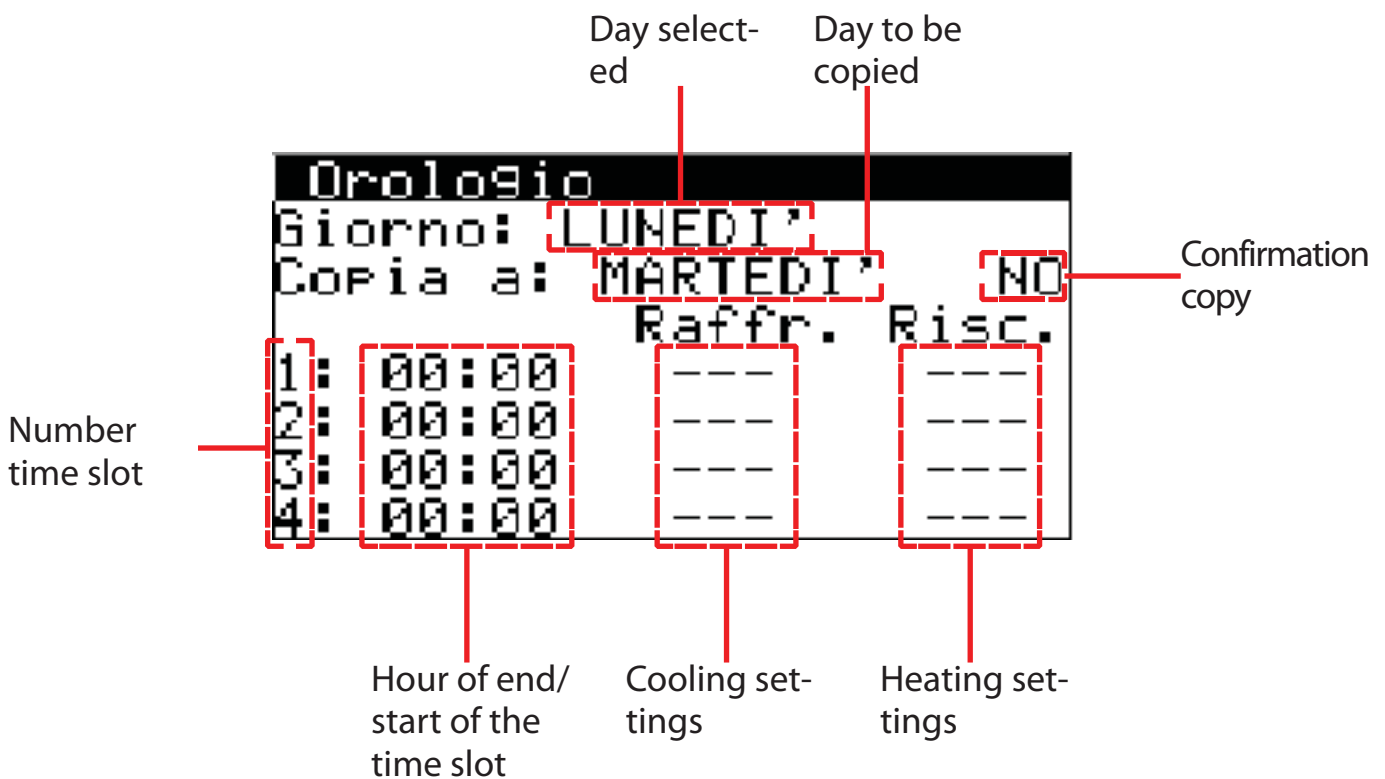


Fig. 10

The fourth screen of the Time menu is the screen of definition of the special periods (periods of the year in which the special conditions of cooling and heating are applied). Positioning on this screen and pressing the Enter key, it is possible to modify the settings of each special period.

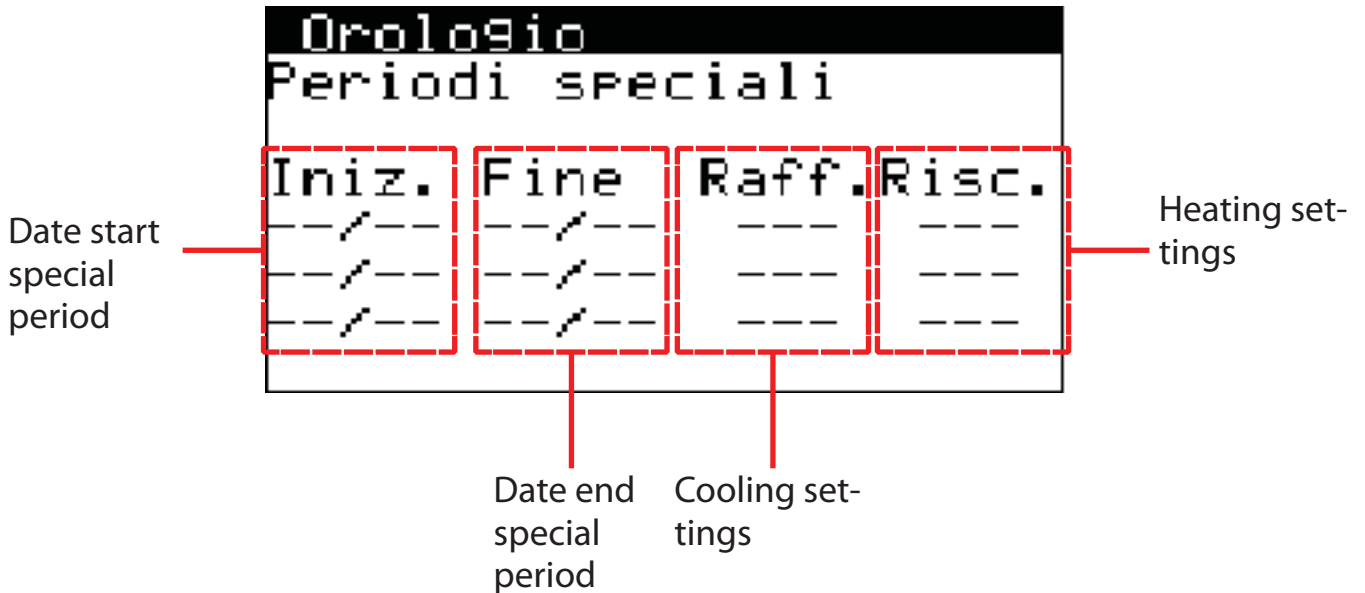


Fig. 11

The fifth screen of the Time menu is the screen of definition of the special days (days of the year in which the special conditions of cooling and heating are applied). Positioning on this screen and pressing the Enter key, it is possible to modify the settings of each special day.

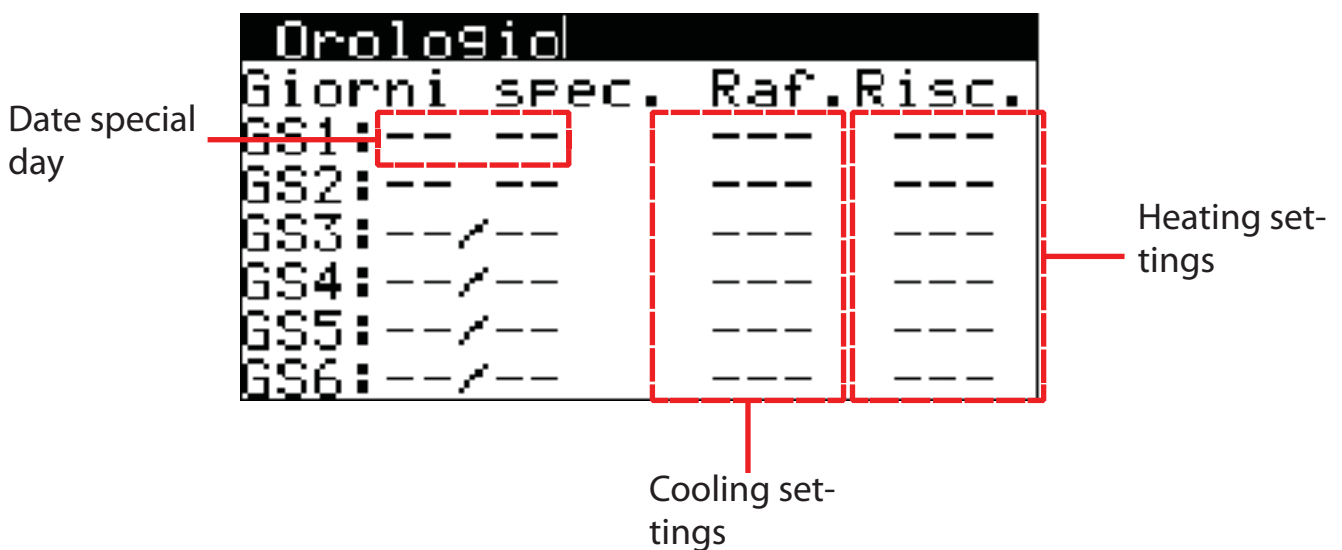


Fig. 12

The sixth screen of the Time menu is the screen of setting of daylight saving time. Positioning on this screen and pressing the Enter key, it is possible to modify the settings of each special day.

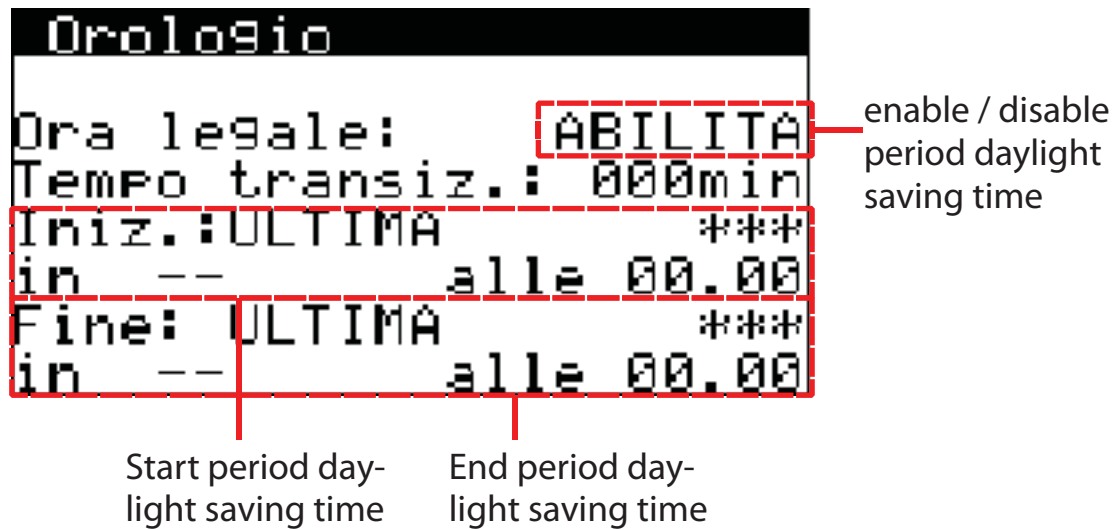


Fig. 13

### Secondary informative menu

By pressing the Down key from the stand-by screen access is provided to the secondary informative menu, composed of thirteen screens:


1. Temperature: indication of recovery, delivery and external temperatures
2. Differential pressure: indication of the differential pressure of the fan
3. Pressure circuit 1: indication of the high and low pressure in circuit 1
4. Pressure circuit 2: indication of the high and low pressure in circuit 2
5. State digital inputs: indication of the state of digital inputs
6. State digital inputs expansion cards: indication of the state of digital inputs of the expansion cards
7. State digital outputs: indication of the state of digital outputs
8. State digital outputs expansion cards: indication of the state of digital outputs of the expansion cards
9. Ventilation: percentage indication of the speed of rotation of the delivery and recovery fans
10. Shutter: percentage indication of the degree of opening of the external shutter with indication of the use of free cooling mode
11. Compressors circuit 1: indication of the state of on/off of the compressors of circuit 1 with percentage indication of the speed of rotation of the condensation/evaporation fans

- 
12. Compressors circuit 2: indication of the state of on/off of the compressors of circuit 2 with percentage indication of the speed of rotation of the condensation/evaporation fans
  13. Use of heat sources: percentage indication of the opening of the hot valve, of the use of the heating system and percentage use of the heat generator.


## MAIN ADJUSTMENT OPERATIONS

### Start up / Shut down of the units












Start up:

1. With the unit in the off state position on the stand-by screen and hold the Enter key  until the unit is switched on.










Shutdown:







1. With the unit in the on state position on the stand-by screen and hold the Enter key  until the unit is switched off.

### Setting of the mode of air conditioning (cooling or heating)

1. From the stand-by screen and pressing the PRG key  access is provided to the main menu
2. Through the Up  and Down keys  position on the User menu and access it with the Enter key 
3. From the on-off screen and adjustment mode (Fig. 5) Press the Enter key  to enable the changes
4. Press the Enter key  to position on the selector of the air conditioning mode
5. Through the Up  and Down keys  select the cooling mode (-SUMMER-) or the heating mode (-WINTER-)
6. Press the Enter key  to confirm
7. Press the Esc key  to return to the main menu
8. Press the Esc key  to return to the stand by screen























### Setting of the set point temperature

1. Positioning on the stand-by screen and pressing the PRG key  provides access to the main menu
2. Through the Up  and Down keys  position on the User menu and access it with the Enter key 
3. From the on-off screen and adjustment mode (Fig. 5), through the Up  and Down keys , move around the Summer - Winter set point temperature setting screen\* (Fig. 6)
4. Press the Enter key  to enable the changes
5. Through the Up  and Down keys  set the value of the temperature of set point for the summer air conditioning

6. Press the Enter key  to confirm
7. Through the Up  and Down keys  set the value of the temperature of set point for the winter air conditioning
8. Press the Enter key  to confirm
9. Press the Esc key  to return to the main menu
10. Press the Esc key  to return to the stand by screen



































\*(if the time slot mode is disabled, it is only possible to set one value of set point temperature for the summer air conditioning and only one value of set point temperature for the winter conditioning. If the time slot mode is enabled it is possible to set two values of set point temperatures for the summer air conditioning and two values of set point temperatures for the winter air conditioning)




### Setting of the date and time

1. Positioning on the stand-by screen and pressing the PRG key  provides access to the main menu
2. Through the Up  and Down keys  position on the Time menu and access it with the Enter key 
3. From the time and date settings screen (Fig. 8) Press the Enter key  to enable the changes
4. Through the Up  and Down keys  set the current time (according to the 24 hour format)
5. Press the Enter key  to confirm
6. Through the Up  and Down keys  set the current minute
7. Press the Enter key  to confirm
8. Through the Up  and Down keys  set the current day
9. Press the Enter key  to confirm
10. Through the Up  and Down keys  set the current month
11. Press the Enter key  to confirm
12. Through the Up  and Down keys  set the current year
13. Press the Enter key  to confirm
14. Press the Esc key  to return to the main menu
15. Press the Esc key  to return to the stand by screen













## Daylight savings time

1. Positioning on the stand-by screen and pressing the PRG key  provides access to the main menu
2. Through the Up  and Down keys  position on the Time menu and access it with the Enter key 
3. From the screen of setting of daylight saving time (Fig. 13) Press the Enter key  to enable the changes
4. Through the Up  and Down keys  select ENABLE to enable the daylight saving time or DISABLE to disable the daylight saving time
5. After having selected ENABLE, press the Enter key to confirm 
6. Through the Up  and Down keys  select the transition time
7. Press the Enter key  to confirm
8. Through the Up  and Down keys  select the week of the month at which to perform start transition of the period of daylight saving time
9. Press the Enter key  to confirm
10. Through the Up  and Down keys  select the day of the week of the month at which to perform start transition of the period of daylight saving time
11. Press the Enter key  to confirm
12. Through the Up  and Down keys  select the month at which to perform start transition of the period of daylight saving time
13. Press the Enter key  to confirm
14. Through the Up  and Down keys  select the hour at which to perform start transition of the period of daylight saving time
15. Press the Enter key  to confirm
16. Through the Up  and Down keys  select the week of the month at which to perform end transition of the period of daylight saving time
17. Press the Enter key  to confirm
18. Through the Up  and Down keys  select the day of the week of the month at which to perform end transition of the period of daylight saving time
19. Press the Enter key  to confirm
20. Through the Up  and Down keys  select the month at which to perform end transition of the period of daylight saving time
21. Press the Enter key  to confirm
22. Through the Up  and Down keys  select the hour at which to perform end transition of the period of daylight saving time

23. Press the Enter key  to confirm
24. Press the Esc key  to return to the main menu
25. Press the Esc key  to return to the stand by screen













### Enabling/disabling of the time slots












1. Positioning on the stand-by screen and pressing the PRG key  provides access to the main menu
2. Through the Up  and Down keys  position on the Time menu and access it with the Enter key 
3. From the screen of setting of enabling of the time slots (Fig. 9) Press the Enter key  to enable the changes
4. Through the Up  and Down keys  select YES to enable the time slots or NO to disable the time slots.
5. Press the Enter key  to confirm
6. Press the Esc key  to return to the main menu
7. Press the Esc key  to return to the stand by screen

\*(enabling the time slots involves the appearance in the Time menu of the screens for setting of the time slots, setting of the special periods and setting of the special days)

### Manual setting of the daily time slots









Before proceeding ensure that use of the time slots has been enabled.









1. Positioning on the stand-by screen and pressing the PRG key  provides access to the main menu
2. Through the Up  and Down keys  position on the Time menu and access it with the Enter key 
3. From the screen of setting of the time slots (Fig. 10) Press the Enter key  to enable the changes
4. Through the Up  and Down keys  select the day to be set
5. Press the Enter key  to confirm
6. Press the Enter key  twice again to move the cursor over the time of the first time slot
7. Through the Up  and Down keys  select the start time of the first time slot
8. Press the Enter key  to confirm

9. Through the Up  and Down keys  select the start minute of the first time slot
10. Press the Enter key  to confirm
11. Through the Up  and Down keys  select the setting for cooling during the first time slot:
  - OFF to switch off the cooling during the time slot
  - SET1 to use the cooling settings of set 1
  - SET2 to use the cooling settings of set 2
  - to not intervene
12. Press the Enter key  to confirm
13. Through the Up  and Down keys  select the setting for heating during the first time slot:
  - OFF to switch off the heating during the time slot
  - SET1 to use the heating settings of set 1
  - SET2 to use the heating settings of set 2
  - to not intervene
14. Press the Enter key  to confirm
15. Set the number of time slots desired (up to a maximum of four time slots per day) through the previous scheme
16. Use the diagram above to set the daily time slots and changing the day to be set from time to time
17. Press the Esc key  to return to the main menu
18. Press the Esc key  to return to the stand by screen

### Setting of the daily time slots through the COPY tool





















Before proceeding ensure use of the time slots has been enabled and that at least one time slot a day has been defined.






1. Positioning on the stand-by screen and pressing the PRG key  provides access to the main menu
2. Through the Up  and Down keys  position on the Time menu and access it with the Enter key 
3. From the screen of setting of the time slots (Fig. 10) Press the Enter key  to enable the changes
4. Through the Up  and Down keys  select the day to be used as a base model.
5. Press the Enter key  to confirm

6. Through the Up  and Down keys  select the day to which the same conditions as the day-model are to be applied or choose ALL to apply the same conditions for the entire week
7. Press the Enter key  to confirm
8. Through the Up  and Down keys  select YES to set the copy
9. Press the Enter key  to confirm
10. Press the Esc key  to return to the main menu
11. Press the Esc key  to return to the stand by screen

### Setting of the special periods

















Before proceeding ensure that use of the time slots has been enabled.

1. Positioning on the stand-by screen and pressing the PRG key  provides access to the main menu
2. Through the Up  and Down keys  position on the Time menu and access it with the Enter key 
3. From the screen of setting of the special periods (Fig. 11) Press the Enter key  to enable the changes
4. Through the Up and Down keys   select the start day of the special period.
5. Press the Enter key  to confirm
6. Through the Up  and Down keys  select the start month of the special period.
7. Press the Enter key  to confirm
8. Through the Up  and Down keys  select the end day of the special period.
9. Press the Enter key  to confirm
10. Through the Up  and Down keys  select the end month of the special period.
11. Press the Enter key  to confirm
12. Through the Up  and Down keys  select the setting for cooling during the special period.
  - OFF to switch off the cooling during the time slot
  - SET1 to use the cooling settings of set 1
  - SET2 to use the cooling settings of set 2
  - to not intervene
13. Press the Enter key  to confirm

14. Through the Up  and Down keys  select the setting for heating during the special period.
  - OFF to switch off the heating during the time slot
  - SET1 to use the heating settings of set 1
  - SET2 to use the heating settings of set 2
  - to not intervene
15. Press the Enter key  to confirm
16. Set the number of special periods desired (up to a maximum of three special periods per year) through the previous scheme
17. Press the Esc key  to return to the main menu
18. Press the Esc key  to return to the stand by screen

### Setting of the special days


Before proceeding ensure that use of the time slots has been enabled.

1. Positioning on the stand-by screen and pressing the PRG key  provides access to the main menu
2. Through the Up  and Down keys  position on the Time menu and access it with the Enter key 
3. From the screen of setting of the special days (Fig. 12) Press the Enter key  to enable the changes
4. Through the Up  and Down keys  select the special day
5. Press the Enter key  to confirm
6. Through the Up  and Down keys  select the month of the special day
7. Press the Enter key  to confirm
8. Through the Up  and Down keys  select the setting for cooling during the special period.
  - OFF to switch off the cooling during the time slot
  - SET1 to use the cooling settings of set 1
  - SET2 to use the cooling settings of set 2
  - to not intervene
9. Press the Enter key  to confirm
10. Through the Up  and Down keys  select the setting for heating during the special period.
  - OFF to switch off the heating during the time slot

SET1 to use the heating settings of set 1

SET2 to use the heating settings of set 2

--- to not intervene

11. Press the Enter key  to confirm

12. Set the number of special days desired (up to a maximum of six special days per year) through the previous scheme

## ALARM MANAGEMENT

### No alarm present - Alarm Key off

If the Alarm key is off no alarm is present. Pressing the Alarm key displays the confirmation screen (Fig. 14).



Fig. 14

### One or several alarms present - Alarm Key flashing

In the presence of one or several alarms the Alarm key flashes and the device emits a sound signal. Pressing the Alarm key provides access to the Alarms menu (Fig. 15).

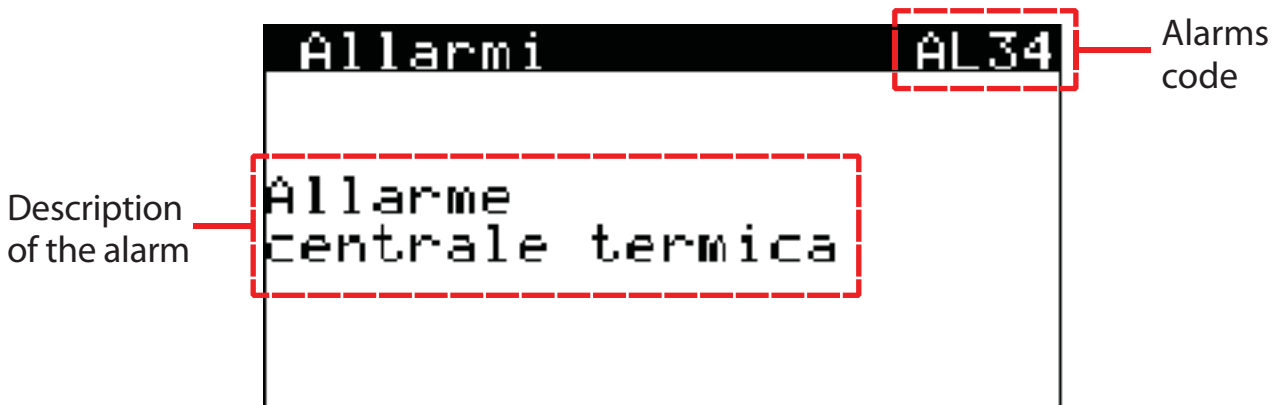


Fig. 15

Through the Up and Down keys it is possible to scroll through the list of all the alarms that were activated in the last session.

To reset the system press the Alarm key until the appearance of the words NO ALARM ACTIVE.

### Display of alarm history

With prolonged pressing of the Alarm key it is possible to view the alarm history (Fig. 16).

Through the Up and Down keys it is possible to scroll through the list of all the alarms activated.

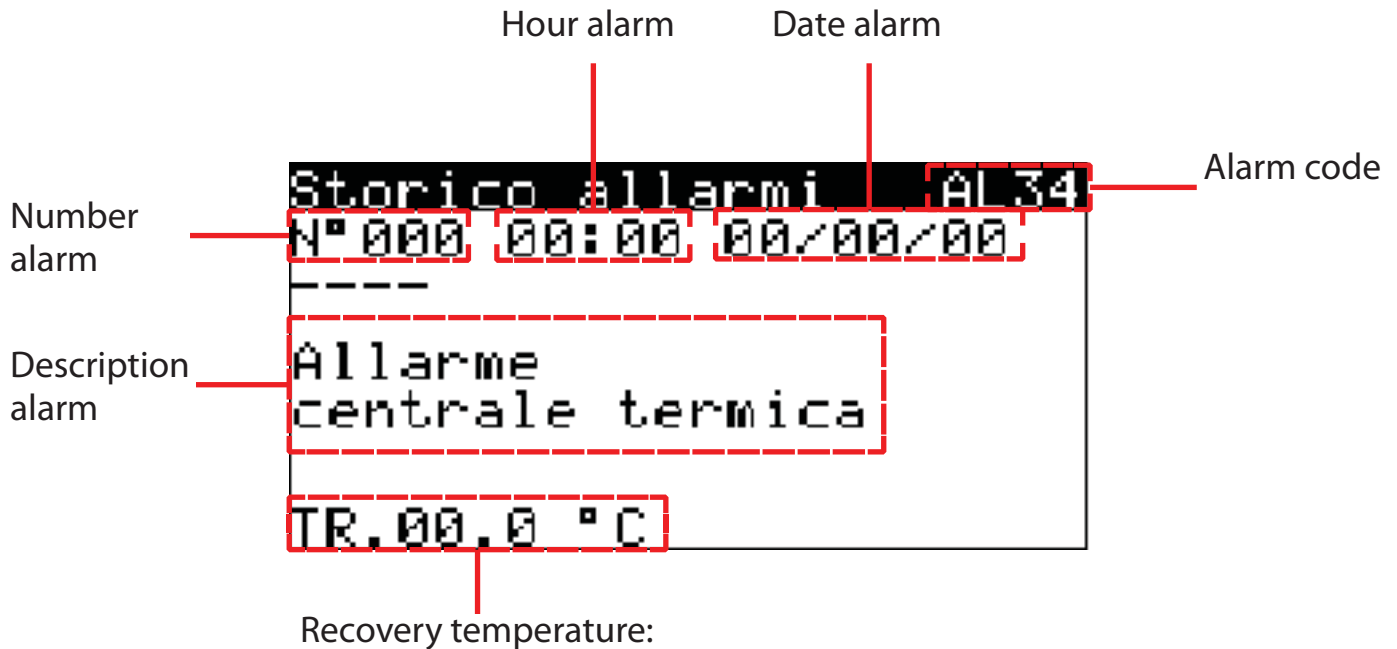


Fig. 16

### Alarm list

| Cod. | Description                                 | Action                      | Reset  |
|------|---------------------------------------------|-----------------------------|--------|
| AL01 | Permanent memory faulty                     | Unit off                    | Manual |
| AL02 | Time card faulty or disconnected            | Disable function time slots | Manual |
| AL03 | Alarm hours system operation                | Display                     | Manual |
| AL04 | Alarm hours operation compressor 1 - circ.1 | Display                     | Manual |
| AL05 | Alarm hours operation compressor 2 - circ.1 | Display                     | Manual |
| AL06 | Alarm hours operation compressor 1 - circ.2 | Display                     | Manual |
| AL07 | Alarm hours operation compressor 2 - circ.2 | Display                     | Manual |
| AL08 | Alarm hours operation gas generator         | Display                     | Manual |
| AL09 | Alarm fire/smoke                            | Unit off                    | Manual |



| <b>Cod.</b> | <b>Description</b>                               | <b>Action</b>               | <b>Reset</b>                                                                 |
|-------------|--------------------------------------------------|-----------------------------|------------------------------------------------------------------------------|
| AL10        | Alarm air filters                                | Unit off                    | Manual                                                                       |
| AL11        | Alarm air flow (from flow switch)                | Unit off                    | Manual                                                                       |
| AL12        | Alarm heat compressor 1 - circ.1                 | Lock Compressor 1 circuit 1 | Manual                                                                       |
| AL13        | Alarm heat compressor 2 - circ.1                 | Lock Compressor 2 circuit 1 | Manual                                                                       |
| AL14        | Alarm heat compressor 1 - circ.2                 | Lock Compressor 1 circuit 2 | Manual                                                                       |
| AL15        | Alarm heat compressor 2 - circ.2                 | Lock Compressor 2 circuit 2 | Manual                                                                       |
| AL16        | Alarm heat fan condenser - circ.1                | Lock compressors circuit 1  | Manual                                                                       |
| AL17        | Alarm heat fan condenser - circ.1                | Lock compressors circuit 2  | Manual                                                                       |
| AL18        | Alarm high pressure (from pressure switch);      | Lock compressors circuit 1  | Manual                                                                       |
| AL19        | Pre-alarm high pressure -circ. 1 (transducer)    | Display and storage         | No. 3 pre-alarms in one hour,<br>No. 4 in two hours,<br>No. 5 in three hours |
| AL20        | Alarm high pressure -circ. 1 (transducer)        | Lock compressors circuit 1  | Manual                                                                       |
| AL21        | Alarm high pressure - circ. 2 (pressure switch); | Lock compressors circuit 2  | Manual                                                                       |
| AL22        | Pre-alarm high pressure -circ. 2 (transducer)    | Display and storage         | No. 3 pre-alarms in one hour,<br>No. 4 in two hours,<br>No. 5 in three hours |
| AL23        | Alarm high pressure -circ. 2 (transducer)        | Lock compressors circuit 2  | Manual                                                                       |
| AL25        | Alarm low pressure-circ.1 (transducer)           | Lock compressors circuit 1  | Maximum 3 in one hour for automatic then manual recovery                     |
| AL27        | Alarm low pressure-circ.2 (transducer)           | Lock compressors circuit 2  | Maximum 3 in one hour for automatic then manual recovery                     |
| AL28        | Alarm                                            |                             |                                                                              |
| AL29        | Heat fan delivery                                | Unit off                    | Manual                                                                       |

| <b>Cod.</b> | <b>Description</b>                                          | <b>Action</b>                                                     | <b>Reset</b> |
|-------------|-------------------------------------------------------------|-------------------------------------------------------------------|--------------|
| AL30        | Off fan recovery                                            | Heat fan recovery                                                 | Manual       |
| AL31        | Air flow delivery (transducer)                              | Unit off                                                          | Manual       |
| AL32        | Air flow recovery (transducer)                              | Off fan recovery                                                  | Manual       |
| AL33        | Alarm humidifier                                            | Lock humidification                                               | Manual       |
| AL34        | Alarm heating system                                        | Unit off                                                          | Manual       |
| AL37        | Alarm low temperature of recovery                           | Display                                                           |              |
| AL38        | Alarm high temperature of recovery                          | Display                                                           |              |
| AL41        | Alarm temperature probe delivery faulty or disconnected     | Disable limit functions in delivery                               | Manual       |
| AL42        | Alarm temperature probe recovery faulty or disconnected     | Unit off                                                          | Manual       |
| AL45        | Alarm transd.press.diff.fan delivery faulty or disconnected | Unit off                                                          | Manual       |
| AL46        | Alarm transd.press.diff.fan recovery faulty or disconnected | Off fan recovery                                                  | Manual       |
| AL47        | Alarm transd.high press. circuit 1 faulty or disconnected   | Lock compressors circuit 1                                        | Manual       |
| AL48        | Alarm transd.high press. circuit 2 faulty or disconnected   | Lock compressors circuit 2                                        | Manual       |
| AL49        | Alarm transd.low press. circuit 1 faulty or disconnected    | Lock compressors circuit 1                                        | Manual       |
| AL50        | Alarm transd.low press. circuit 2 faulty or disconnected    | Lock compressors circuit 2                                        | Manual       |
| AL51        | Alarm external temperature probe faulty or disconnected     | Disable freecooling and freeheating                               | Manual       |
| AL53        | Alarm humidity probe recovery faulty or disconnected        | Disable enthalpy freecooling, humidification and dehumidification | Manual       |
| AL54        | Alarm external humidity probe faulty or disconnected        | Disable enthalpic free-cooling                                    | Manual       |
| AL55        | Alarm defrost temperature probe faulty or disconnected      | Disable defrost functions                                         | Manual       |
| AL57        | Alarm delivery humidity probe faulty or disconnected        | Disable enthalpy freecooling, humidification and dehumidification | Manual       |
| AL59        | Alarm air quality probe faulty or disconnected              | Disable air quality function                                      | Manual       |

| <b>Cod.</b> | <b>Description</b>                                                 | <b>Action</b>                   | <b>Reset</b> |
|-------------|--------------------------------------------------------------------|---------------------------------|--------------|
| AL60        | Alarm air quality probe VOC faulty or disconnected                 | Disable air quality function    | Manual       |
| AL61        | Alarm offline pCOe no. 1                                           | Unit off                        |              |
| AL62        | Alarm offline pCOe no. 2                                           | Unit off                        |              |
| AL63        | Alarm offline pCOe no. 3                                           | Unit off                        |              |
| AL64        | Alarm chiller cut-off switch off due to high external temperature  | Lock compressors circuits 1 - 2 | Automatic    |
| AL66        | Alarm heat pump cut-off switch off due to low external temperature | Lock compressors circuits 1 - 2 | Automatic    |











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