

## QUICK GUIDE











The CoRe Air Speed Control is a device that displays and regulates, by means of touch buttons and dedicated LEDs on the screen, the modes and respective operating speeds of the ventilation unit as well as the display for any alarms.

| Name           | Size (wxhxd) | Code    |
|----------------|--------------|---------|
| CORE AIR SPEED | 120x80x8 mm  | 7041476 |

## OPERATION DESCRIPTION

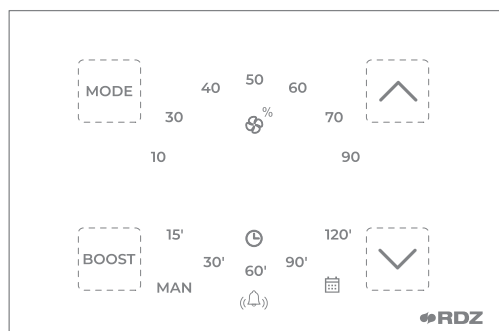
With the CoRe Air Speed control, the user can set various operating modes of the ventilation unit as illustrated below:





| Mode                         | Description  | LED   |
|------------------------------|--|---|
| <b>OFF</b>                   | In this mode the unit is switched off;<br>to activate this mode press the MODE button several times for 2" until the button itself remains lit.  |    |
| <b>AWAY (V1)</b>             | In this mode the machine renews the air by recovering heat at the lowest set speed;<br>To activate this mode press the MODE button several times for 2" until the led remains lit.   |    |
| <b>MANUAL (V2)</b>           | In this mode the user can set the air quantity to renew. The flow rate is set using the UP and DOWN buttons.<br>To activate this mode press the MODE button several times for 2" until the MAN button lights up.   |    |
| <b>BOOST (V3)</b>            | When the machine is in MANUAL or PRG mode, it is possible to increase the speed of the fans for a preset time in order to exchange air faster.<br>Press the BOOST button once to activate this mode and press the BOOST button again to select the duration.   |    |
| <b>EXTRACTION</b>            | When the machine is in MANUAL mode it is possible to activate only the extraction fan and switch off the air supply fan. To be used in situations where there is a momentary need to favour the expulsion of ambient air outside the building.<br>To activate and deactivate this function, press the UP button for 5".<br><b>N.B.:</b> This function must be deactivated by the user; no heat recovery takes place during this function.  |   |
| <b>CHIMNEY</b>               | When the machine is in MANUAL mode, it is possible to activate only the inlet fan and switch off the air extraction fan. To be used in situations where there is a need to favour the introduction of external air (e.g. presence of open fireplaces or extractor hoods to compensate for extraction)<br>To activate and deactivate this function, press the DOWN button for 5".<br><b>N.B.:</b> This function must be deactivated by the user; no heat recovery takes place during this function. |  |
| <b>ANTIFREEZE PROTECTION</b> | With particularly cold external weather conditions there is a real risk for freezing of the heat exchanger inside the unit freezing. This function is therefore activated, which entails a reduction in the amount of air supplied and, in the most serious cases, the temporary shutdown of the unit until the outside temperature conditions improve.<br><b>N.B.:</b> This function cannot be managed by the user.   |  |
| <b>FREE-COOLING</b>          | When the outside air has a lower temperature than the inside air, the system keeps the fans switched on by interrupting heat recovery; this provides natural air conditioning at zero cost.<br><b>N.B.:</b> This function cannot be managed by the user.   |  |

**(V1)** Minimum speed    **(V2)** Intermediate speed    **(V3)** Maximum speed

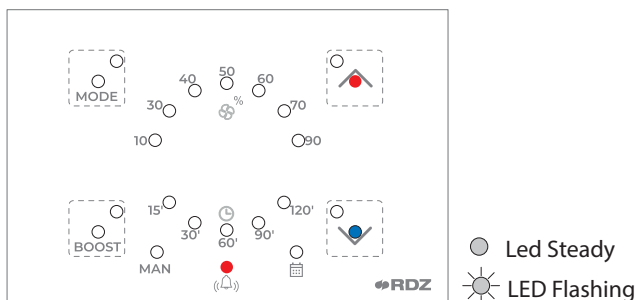
 LED Steady     LED Flashing

## TOUCH SCREEN KEY FUNCTIONS



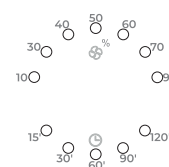
| Key   | Press               | Action   |
|---|---------------------|--|
|  | Long Press (2 sec.) | Change the unit's operating mode in the following sequence: OFF -> MANUAL -> AWAY -> OFF   |
|  | Short Press         | Activates BOOST function and sets the operating time   |
|   | Long Press (2 sec.) | Disable BOOST function   |
|  | Short Press         | <ul style="list-style-type: none"> <li>Increase fan speed</li> <li>(wait 4 sec. to confirm change)</li> <li>Quick changeover from AWAY to MANUALE</li> </ul> |
|   | Long Press (5 sec.) | Activates the EXTRACTION Function (press 2 sec. to deactivate)   |
|   | Long Press (2 sec.) | In OFF mode, activates or deactivates the buzzer (1 beep activation, 2 beeps deactivation)   |
|  | Short Press         | Decreases fan speed (wait 4 seconds for confirmation of change)  |
|   | Long Press (5 sec.) | Activates CHIMNEY function (press 2 sec. to deactivate)  |

## LED DESCRIPTION



### NO COMMUNICATION

The circular effect generated by the sequential switching on of the speed and boost timer LEDs indicates that there is no communication with the network.



### SLEEPING MODE

To reduce power consumption, the display switches off after 60 seconds of inactivity. By pressing one of the 4 keys, the operating status can be displayed.

| LED Position | Description  |
|--------------|--|
|              | These LEDs light up to confirm key presses.                |
|              | Indicates that the machine is switched off and in OFF mode |
|              | Indicates the machine is in AWAY mode                      |
|              | Indicates the machine is in MANUAL mode                    |
|              | Indicates the machine is in BOOST mode                     |
|              | Indicates fans speed                                       |

| LED Position | Description  |
|--------------|--|
|              | Indicates the remaining minutes of BOOST operation before switch-off |
|              | The machine is operating via Digital Inputs                          |
|              | Indicates that the EXTRACTION function is active                     |
|              | Indicates that ANTI-FREEZE protection is running                     |
|              | Indicates that the CHIMNEY function is active                        |
|              | Indicates that FREE-COOLING is running                               |

## ALARMS

| LED | Light Type | Alarm Description  |
|-----|------------|--|
|     | 1 Flash    | Air Inlet Probe Alarm (SUP) disconnected or short-circuited  |
|     | 2 Flashes  | Alarm External Air Inlet Probe (IN) disconnected or short-circuited                                      |
|     | 3 Flashes  | Stale Air Extraction (EXT) probe alarm disconnected or short-circuited                                   |
|     | 4 Flashes  | Air ejection probe alarm (OUT) disconnected or short-circuited (*in winter season the machine is locked) |
|     | 5 Flashes  | Dirty Filter Reporting   |
|     | Fixed      | Machine lockout due to dirty filters alarm or disconnected fan (requires machine restart)                |

**FILTER ALARMS RESET:** To reset the dirty filter alarm set the unit to OFF.

Then press all the buttons in the sequence shown below, making sure that the command is sent via the LED.



## GENERAL SUMMARY

**T** Short Press TOUCH

**2"** Long Press 2 sec.

**5"** Long Press 5 sec.

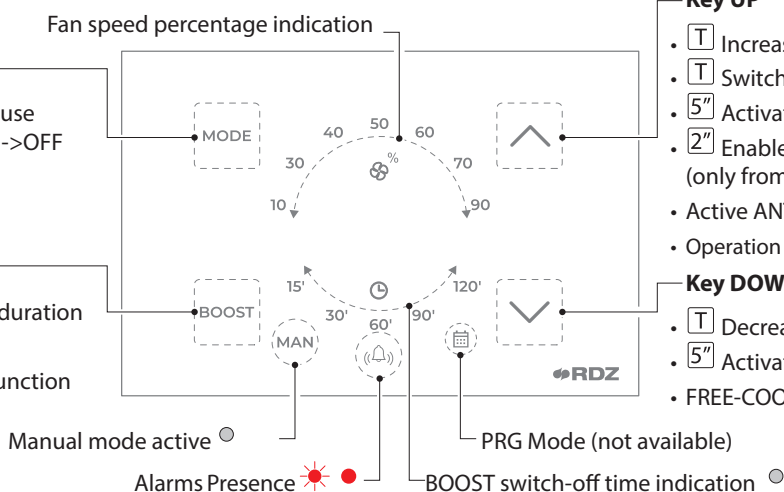
● LED Steady ☀ LED Flashing

### Key MODE

- **2"** Change the mode of use OFF ->MANUAL ->AWAY ->OFF
- AWAY mode active ☀
- OFF mode active ●

### Key BOOST

- **T** Activate/Set BOOST duration
- BOOST mode active ●
- **2"** Deactivates BOOST function



### Key UP

- **T** Increase Speed
- **T** Switching from AWAY to MANUAL
- **5"** Activate the EXTRACTION Function ●
- **2"** Enable/Disable Buzzer (only from OFF mode)
- Active ANTI-FREEZE protection ☀
- Operation via Digital Inputs ☀

### Key DOWN

- **T** Decreases Speed
- **5"** Activates CHIMNEY Function ●
- FREE-COOLING active ☀