

Termal System

Managing appliance with touch screen display and the remote control

1. Corresponding button on remote control
2. Corresponding button on touch-screen display

Button/display:



Setpoint



Up button



Down button



On/off button



Well-being button
(economic automatic mode)



Cooling only mode button



Dehumidification only mode button



Ventilation only mode button



Heating only button (1)



Heating only button (2)



Nocturnal well-being button



Control of air flow direction button



Fan speed control button



Timer mode setting button (1)



Timer mode setting button (2)



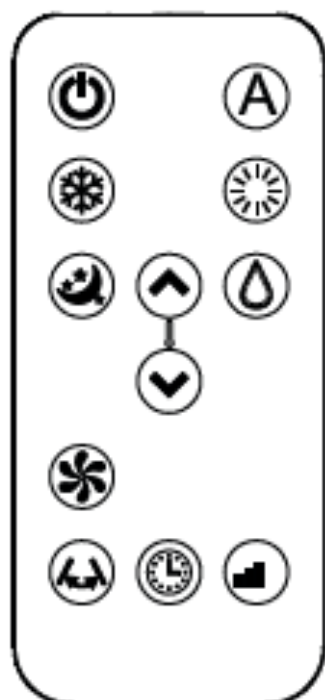
Brightness sensor
















Digital thermometer 1/7 red bars in
winter, blue bars is summer








Not used



Key/display	Operation
	<p>Switching the appliance on and off</p> <p>It is possible to switch the appliance on or off (stand-by) by pressing the specific button. The control system of the appliance is equipped with a memory, so settings will not be lost if the appliance is switched off or if the power supply is cut. This key is used to activate or deactivate the appliance for short periods of time.</p> <p>In case of long periods of inactivity, the appliance must be deactivated by disconnecting either the main switch or plug from the socket.</p>
	<p>Well being button (economic automatic mode)</p> <p>By choosing this mode on the appliance, it sets the best level of comfort in the room. The conditioner selects the mode automatically (cooling or heating) according to the temperature set and ventilation speed according to the temperature of the room.</p>
  	<p>Cooling only mode</p> <p>In this mode, the appliance dehumidifies and cools the room.</p> <p>It is possible to set the desired temperature between 16 and 31 °C, if this temperature is lower than the room temperature, the compressor starts up after three minutes (maximum) and the appliance starts dispensing cool air, maintaining ventilation active even if the setpoint has been reached.</p>
	<p>Dehumidification only mode</p> <p>In this mode, the appliance dehumidifies and cools the room. Selecting this mode is useful during mid-season, i.e. on days (e.g. rainy ones) when the temperature is pleasant, but excess humidity causes discomfort. This mode ignores both room temperature and ventilation speed setting. The latter is always set to a minimum. It is normal for the appliance to work intermittently.</p>
	<p>Ventilation only mode</p> <p>By selecting this function, the compressor is never activated and the appliance does not affect either room temperature or humidity. It is possible to choose the speed of the fan.</p>
	<p>Heating only mode</p> <p>In this mode, the appliance heats the room.</p> <p>Set on heating only mode the appliance periodically defrosts the evaporator coil, if necessary. During this phase, the conditioner does not dispense warm air, even if its internal components are on, except from the room fan.</p>
 	<p>It is possible to set the desired temperature between 16 and 31 °C and, if such temperature is higher than the room temperature, the compressor starts up after three minutes (maximum) and the appliance starts dispensing warm air.</p>

	<p>Nocturnal well-being button</p> <p>While the appliance is on it the selected cooling or heating mode, it is possible to choose different functions by pressing the button in order to maximise noise reduction, energy saving and nocturnal well-being regulation. In this mode, ventilation is set on minimum speed. This mode should be activated right before going to sleep.</p> <p>In cooling mode, the set temperature is increased 1 °C after one hour and by another degree after two. After the second hour, the temperature is no longer changed and, after six hours, the appliance is put in stand-by.</p> <p>In heating mode, the set temperature is lowered by 1 °C after one hour and by another degree after two. After the second hour, the temperature is no longer changed and, after six hours, the appliance is put in stand-by.</p> <p>This function is not available for dehumidification only, ventilation only and economic automatic modes and can be excluded any time (ideally once awake) by pressing the button again.</p> <p>If the timer also has been set, the appliance will turn off at the set time.</p>
	<p>Control of air flow direction</p> <p>By pressing the specific button, it is possible to either select the continuous ascillation of the mobile air outlet flap - in such cace, the symbol on the displays is lit - or to block it in any position.</p> <p>IMPORTANT: The mobile flap must never be moved manually. In cooling and dehumidification modes, the position of the flap is reset every 30 minutes to prevent dew from forming.</p>
	<p>Setting the voltage for models inverter TTWIS 2350 X</p> <p>By pressing this key sequentially, it is possible to set the power supplied by the appliance on 5 adjustments: Minimum, Medium, Maximum, Dual Power and Automatic. The higher the power is set, the better the appliance will perform, but it will be less quiet. The Dual Power function (shown by three flashing speed bars on the display and the seven red or blue bars moving up and down of the digital thermometer), available only in heating and cooling mode, supplies a 30-minute Overboost. Then, the controller inhibits the function and swithes to automatic mode. By selecting Automatic mode (shown by three flashing speed bars on the display), the on-board microprocessor automatically adjusts the speed, so that it stay higher the greater the difference between the temperatur detected and the temperature set. This is not possible in humidification only or nocturnal well-being mode where the appliance can only operate at a low speed.</p>

   	<p>Setting the timer function The appliance allows the user to program when to turn it on and off, as required.</p> <p>While the conditioner is running, it is possible to schedule when it turns off by pressing the Timer button by the number of hours (from 1 to 24), after which the unit will be put in stand-by.</p> <p>When the air conditioner unit is off, it is possible to schedule when it turns on by pressing the Timer followed by the number of hours (from 1 to 24) after which the unit will start.</p> <p>Then, press the confirm button.</p>
	<p>Touch-screen display key lock The key lock is activated by keeping the Timer symbol on the touch-screen display pressed for three seconds. The user can not perform any actions. The stand-by symbol flashes every second. To deactivate the lock, keep the Timer symbol on the touch screen pressed for three seconds once again.</p> <p>The lock remains active in the case of a power failure and also if the remote control is used</p>