

# INSTRUCTIONS FOR INNOVA 3.0 ATOMIZER



## 1. Characteristics

### 3.0 Dati tecnici *Technical features*

Dimensioni <i>Dimensions</i>	378 x 140 x 232
Peso <i>Weight</i>	4,8 kg
Smaltimento <i>Atomizer Capacity</i>	2 L / h
Colore <i>Colour</i>	bianco opaco RAL 9003 <i>white RAL 9003</i>
Ingresso <i>Inlet</i>	Foro 16 mm sul coperchio superiore <i>16 mm hole on top cover</i>
Uscita <i>Outlet</i>	Flangia diametro 80 mm lato posteriore <i>80 mm hole on the back side</i>
Consumo <i>Consumption</i>	Max 220 W
Alimentazione <i>Power</i>	230 V

#### Componenti *Main components*

Atomizzatore piezoelettrico a 10 celle *10 cells piezoelectric atomizer*  
 Ventola per espulsione condensa *Fan to discharge condensate steam*  
 Alimentatore 230 V – 48 V *230V-48V feed*  
 Galleggiante *Floater*  
 Resistenza antigelo (consumo 15W) *No frost heating resistance (consumption 15W)*  
 Scatola in acciaio *Steel Tank*  
 Anti-intrusion grid

## 2. Unpacking

After verifying the integrity of the package, open the shipping carton and remove the polystyrene protection; then remove the atomizer. Access to the unit is only permitted to specialized personnel.

## 3. Hydraulic connections

Before proceeding with the hydraulic connections, check that the atomizer is not plugged in.

## 4. Water supply connection

The atomizer has a superior hole on the top cover for pipes with outside diameter of 13mm. Insert the condensate pipe in the upper hole and check that it enters into the atomizer for at least 30 mm.

## 5. Water mist connections

The atomizer 3.0 already has a 80 mm diameter fitting for ejecting atomized water. This connection can be extended with normal pipe (80 mm diameter).

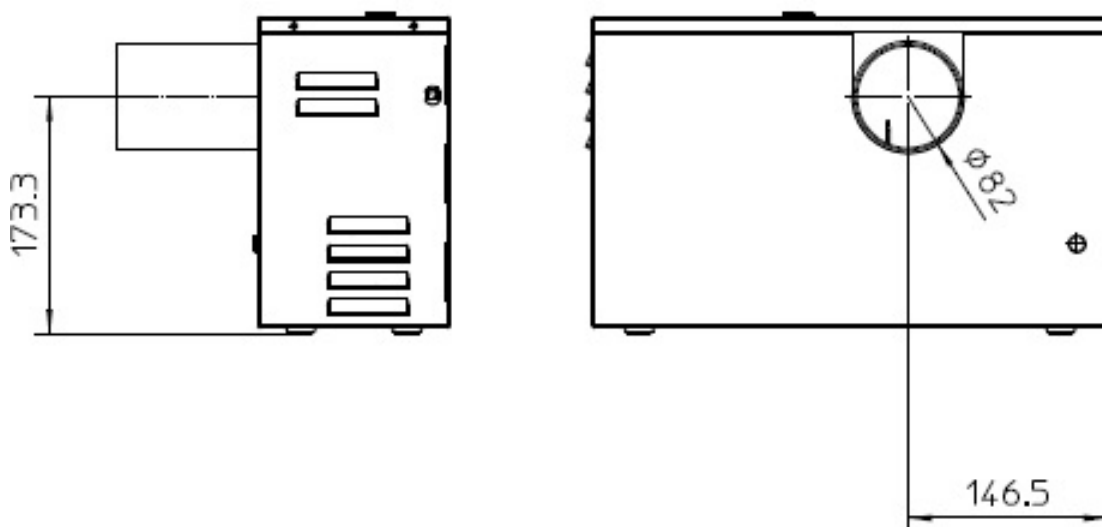
Ensure that these extensions have a slope of at least 3 ° to let in the atomizer any condensate water in the tube and that the output connection is free from any obstacles for a distance of 50 cm.

Avoid excessive stress on the atomizer output connection.

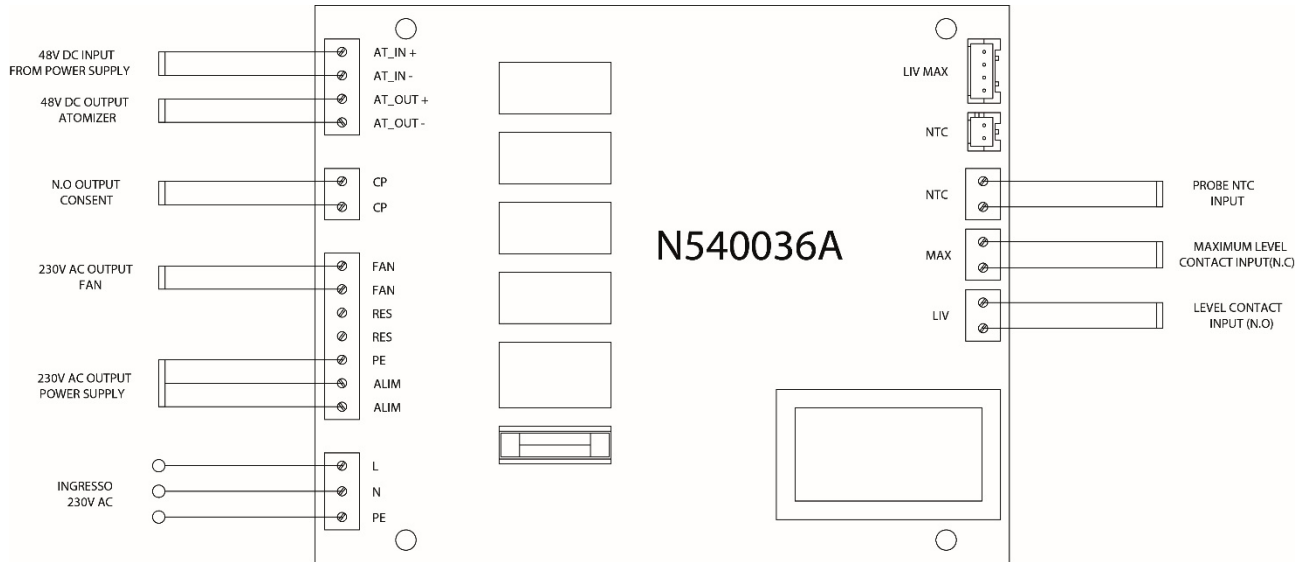
Install the supplied anti-intrusion grille on the output connection.

## 6. Installation template

When installing atomizer near the wall for the expulsion of water on the outside, drill a hole of 82 mm diameter on the wall as picture below.



## 7. Electrical connections



## 8. Functioning

3.0 atomized water by wave propagation generated by piezoelectric cells 10 in the direction of the water surface. On the free surface of the water, generate droplets of small dimensions, which are removed by forced ventilation.

3.0 has level floating that keep constant the amount of water above the piezoelectric cells to maintain a high performance for the condensate.

The atomizer goes on standby automatically if the water level falls below the minimum level and automatically activates the heating cable (optional) when the water temperature falls below 3 ° C.

3.0 has a CP contact to interface with the ..2.0 air conditioner when there is any failure or malfunctions.

## 9. Season change procedure

**It is very important to follow the procedure outlined in this paragraph to avoid a systematic alarm of the combination ..2.0 + 3.0 and the possible failure of the nebulizer.**

This procedure, enabled through the display of the air conditioner, modifies the default settings of the drain pan of the appliance by disabling its automatic closure during the summer season. This procedure is used to avoid that during the summer season, with the opening of the drain valve of the drain pan, the condensate itself is poured all in the 3.0 nebulizer installed under the appliance.

To activate this function:

- Press the cooling mode key ❄️ on the display of the ..2.0 for 15 sec.
- The symbol "En" will appear
- Press again for 15 sec. the key ❄️
- The symbol "ds" will appear
- Let the display go back to the main screen

The condensate drain will always remain open in both seasons, guaranteeing a regular flow of condensation.

To set the default function again, follow the same procedure and select "En".

## 10. Led and buzzer

The device is equipped with some light and sound signals that indicate the status and any malfunctions:

- GREEN LED: atomizer power supply on
- ORANGE LED: atomizer running
- RED LED: atomizer in stand-by and electrical heater on
- BLINCKING RED-GREEN LED + BUZZER: alarm

The reasons for alarms may be the following:

- maximum level sensor activated
- level sensors wrong (for example the maximum level sensor is busy when normal level sensor is off)
- bad indication of condensate temperature