PRELIMINARY INSTRUCTIONS OF ATOMIZER 3.0

1.1 Dimensions and weights

3.0 Dati tecnici *Technical features*	
Dimensioni *Dimensions*	378 x 140 x 232
Peso *Weight*	4,8 kg
Smaltimento *Atomizer Capacity*	2 L / h
Colore *Colour*	bianco opaco RAL 9003 *white RAL 9003*
Ingresso *Inlet*	Foro 16 mm sul coperchio superiore *16 mm hole on top cover*
Uscita *Outlet*	Flangia diametro 80 mm lato posteriore *80 mm hole on the back side*
Consumo *Consumption*	Max 220 W
Alimentazione *Power*	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 15 W) *No frost heating resistance (consumption 15W)* Scatola in acciaio *Steel Tank*

1.2 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.

1.3 Water connections

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

1.4 Connecting the water supply of the nebulizer

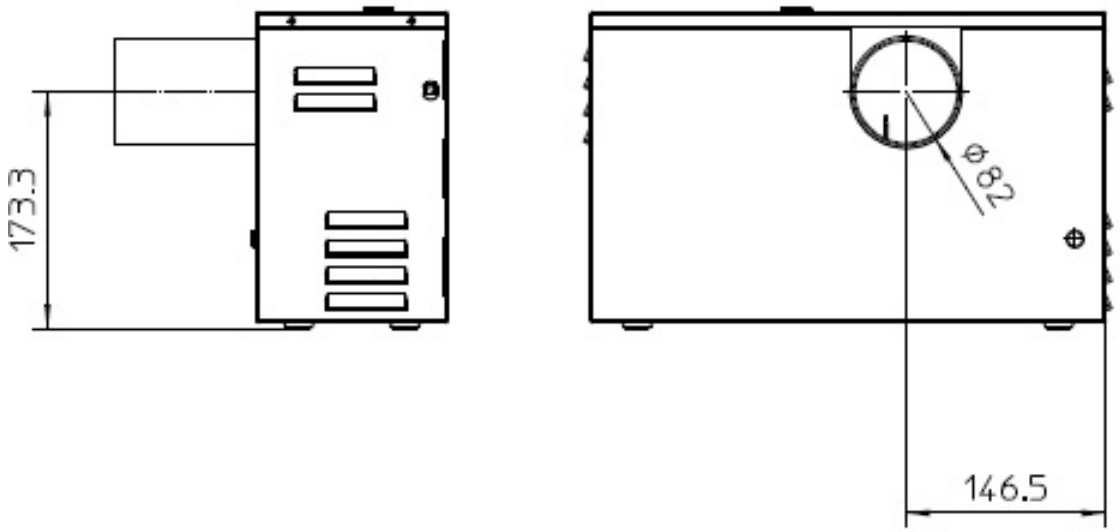
The atomizer has a superior hole on the top cover for pipes with outside diameter of 13mm.
Insert the condensate pipe in the upper hole and check that it enters into the atomizer for at least 30 mm.

1.5 Connection atomized water

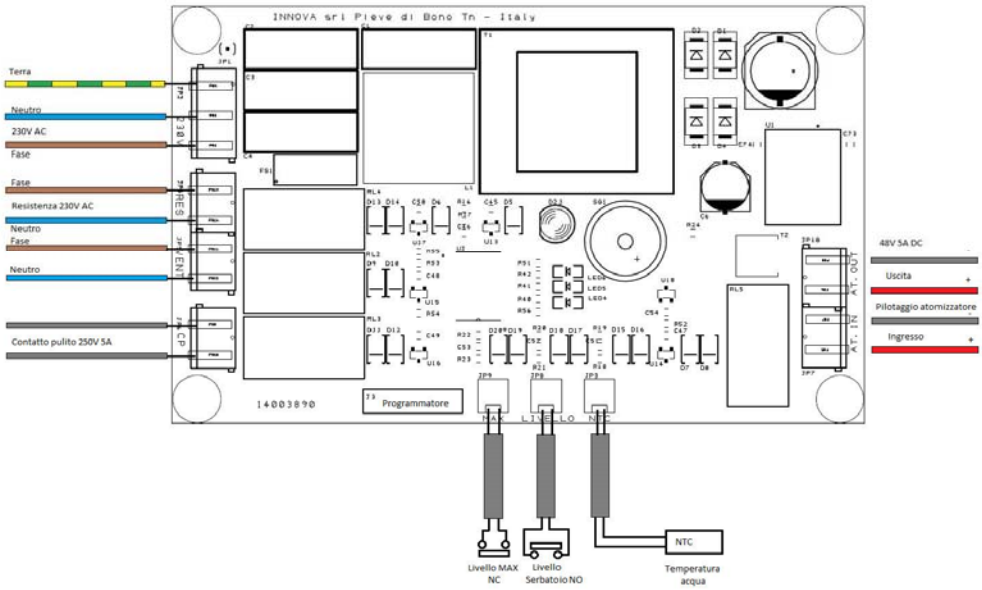
The atomizer 3.0 already has a 80mm diameter fitting for ejecting atomized water . This connection can be extended with normal pipe (80mm diameter).
Ensure that these extensions have a slope of at least 3 ° to let in the atomizer any condensate water in the tube and that the output connection is free from any obstacles for a distance of 50 cm.
Avoid excessive stress on the atomizer output connection.

1.6 Atomizer 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



1.7 Electric diagram



1.8 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 air conditioner 2.0 when there is any failure or malfunctions.

1.9 Led And Buzzer Signal

GREEN LED:	ATOMIZER CORRECTLY POWERED
LED ORANGE:	ATOMIZER AT WORK
RED LED:	3.0 IN STAND-BY AND RESISTANCE ON
RED-GREEN FLASHING LED AND BUZZER:	SIGNAL ERROR

The causes which involve a possible error signaling are:

- Maximum level float at work
- Malfunction of the floats (f.e. floating of maximum active and float level off)
- Abnormal reading of temperature of the water