3 Installation Guideline

3.1 Installation Requirement

- Ensure wall can withstand twice weight of humidifier full of water（≥15kg）.
- Installation height away from ceiling is 0.8m，above the ground is 1.8~2.2m。
- Operating voltage AC100~240V,demineralized tap-water，install based on actual needs.

3.2 Installation Steps

①Shown as chart 3.1，put two screws into the wall（concrete wall：expansion screws(¢5X80)；wood wall：tapping screws(¢5X20);If necessary to fix first the installation positon of filter and mounting clips(same as above mentioned)

②All screws firmly fixed,hang on the humidifier

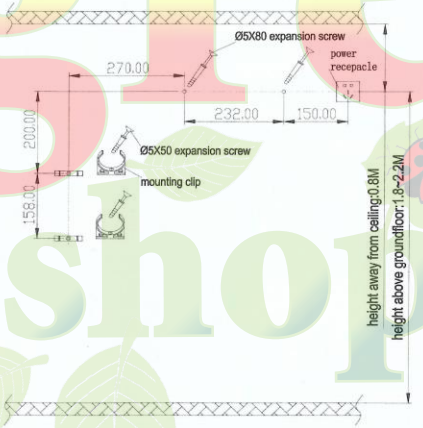


Chart 3.1

B Pipes & Filter Installation

①Shown as chart 3.2，connect the push-fit connector into OVERLOWE and OUTLET（shut off valve for OUTLET）;remove the plastic semi-ring and push into the 3/8" pipe till cannot push forward anymore,put on the plastic semi-ring.

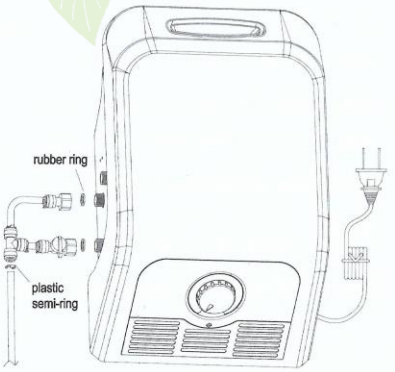


Chart 3.2

Mark:Connection of push-fit kits shown as Chart 3.3

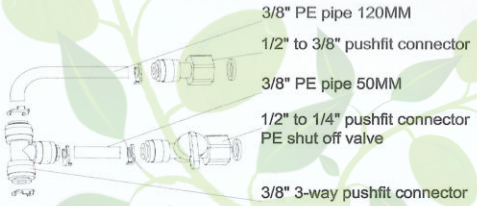


Chart 3.3 Push-fit kit connection

②Shown as chart 3.4,connect the 1/2" to 1/4" Push-fit into the water inlet,joint the filter with 1/4" on both sides-one to the water inlet,the other to the water supply,and have the filter fixed into the mounting clip (Mark:filter is optional part for hard water only)

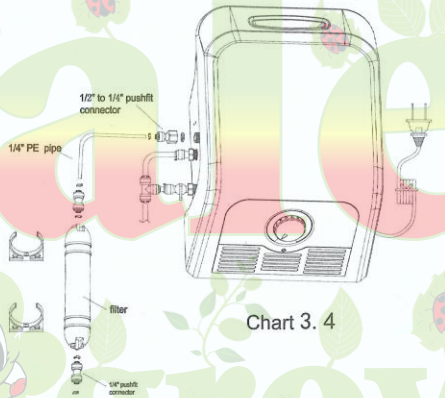


Chart 3. 4

③Shown as Chart 3.5,the pipe connect to the water supply must use 1/2" to 1/4" Push-fit connector with PE shut off valve on it;outlet connected by 1/2" to 1/4" Push-fit connector.
(Mark:when use the push-fit kits,remove the plastic semi-ring first and push the pipe till cannot push forward anymore,then plug it back)

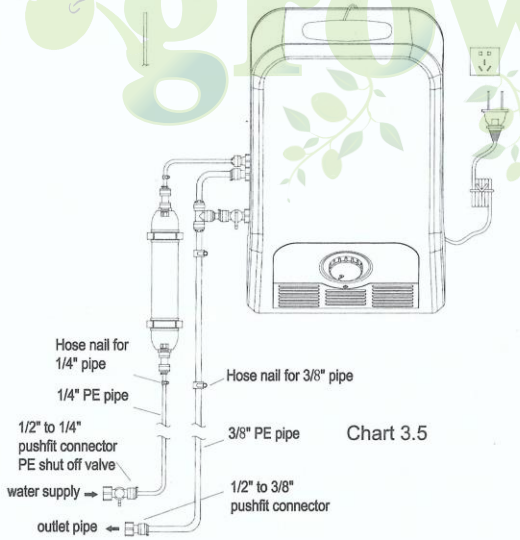


Chart 3.5

4 Application Way

4.1 Single Use

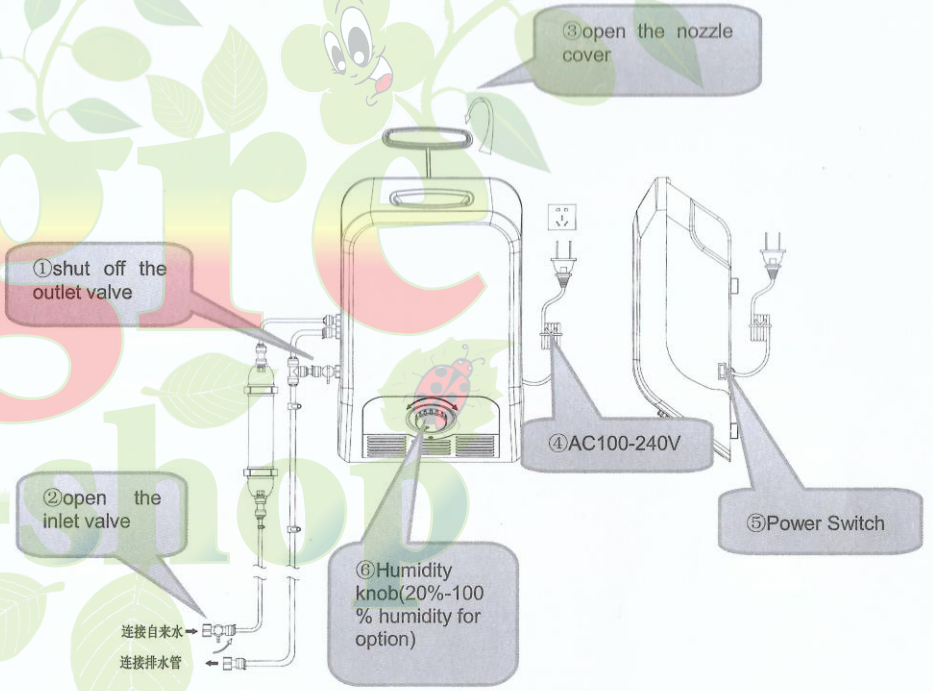


Chart 4.1 Single Use

Mark:

1、The humidifier will work in 10 seconds after refill water。

2、For short time nonuse of the humidifier,shut off the power swith;for long time nonuse,cutoff the power,shut off water inlet valve,open the water outlet valve ,cover the nozzle cover.

4.2 Combined Use

A Use method

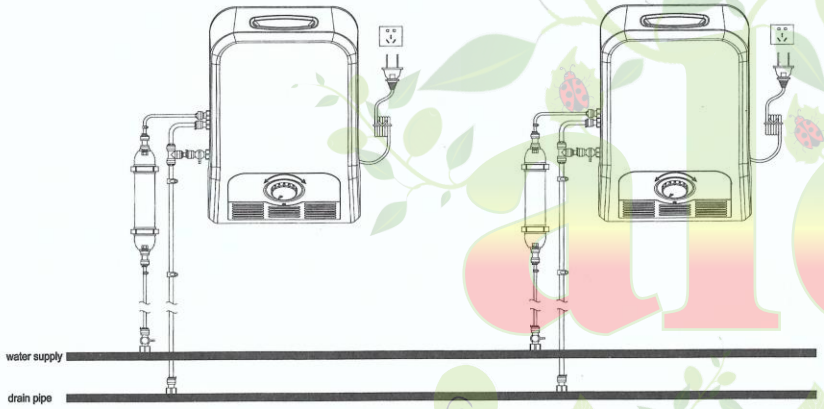


Chart 4.2 combined use

B Effective Humidifying Area Table

Setting target humidity >> QTY of humidifiers=intended humidifying area/effective humidifying area >> Fix installation location and humidifier quantity to be used

Application environment	Target humidify (%RH)	Effective humidifying area(m^3)	Equivalent area(m^2)	Humidifying time（min）
Human comfort humidity （40%-60% RH）	40	300	100	50
	50	250	83	62
	60	200	70	66
Special humidity （60%-90%RH ）	70	150	50	76
	80	120	40	79
	90	100	33	96

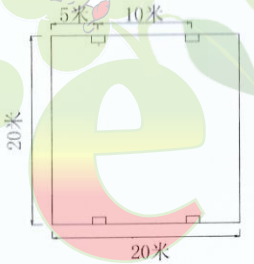
Mark：A、Data in above table is tested under standard conditions in lab；

B、Effective humidifying area is based on an average height of 3m；

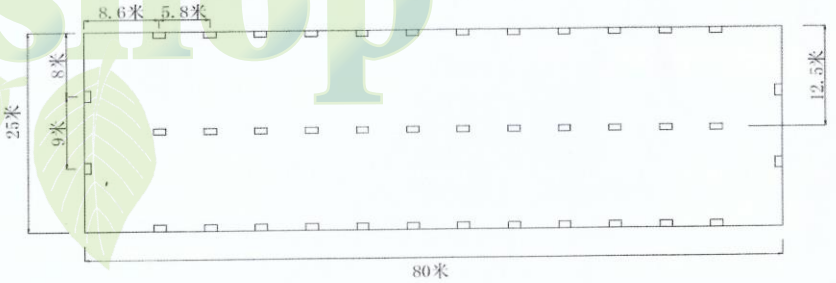
C、90%RH is mandatory humidity，for long turn application environment humidity should be less than 80%RH.

*Application Case

● For a restaurant covers an area of 400 square meters,target humidity is 40%RH ，according to the“Effective Humidifying Area Table”, a single unit can humidify 300m^3, so ,the restaurant need humidifier quantities=（400*3）/300=4 (sets)，installation guide as below：



●For a factory covers as area of 2000 square meters(3m high)，target humidity is 70%RH，according to“Effective Humidifying Area Table”a single unit can humidify 150m^3, the factory need humidifier quantities=（2000*3）/150=40 (sets)，installation guide as below：



Mark：

1、You can increase or decrease numbers of units based on your demands for humidifying time(Eg,time for humidification raised from 20%RH to 70%RH(more units to shorten humidifying time,less units to extend humidifying time)

2、For different area where requires different humidity,either by setting target humidity or adjusting density of installation units.

5 Maintenance

5.1 Dust Screen Maintenance

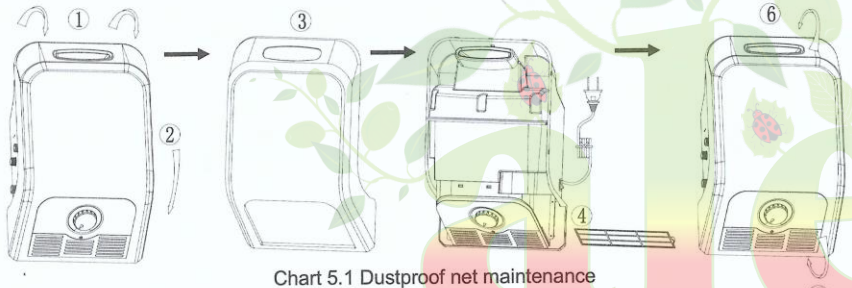


Chart 5.1 Dustproof net maintenance

Shown as above illustration:Take out snap joints in direction ①, remove the front panel in direction②,draw out the Dustproof net as ③, clean the net. Put the net back after dry and clean as④, Install the front panel as ⑤, buckle the panels as⑥.
Suggestion : every 6-month a time or more to clear the product.

5.2 Chamber Maintenance

A.Shown as Chart 5.2, ①remove the front panel, ②take out the nozzle。
B.shut off outlet valve,open the inlet valve, as ③ shown,use a clean soft cotton cloth to clean the atomizing chamber and the surface of mist maker,then close the inlet and open outlet to drain off the water,repeat again till it is completely clean.
Suggestion:clean every 6-month

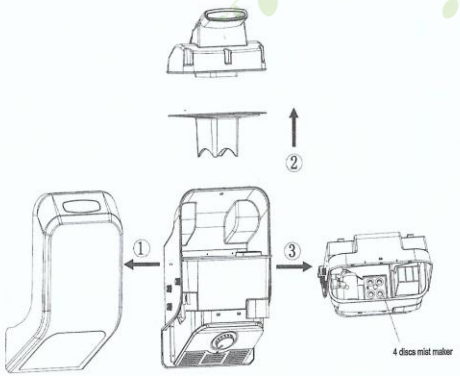


Chart 5.2 Illustration for chamber maintenance

5.3 Filter Change

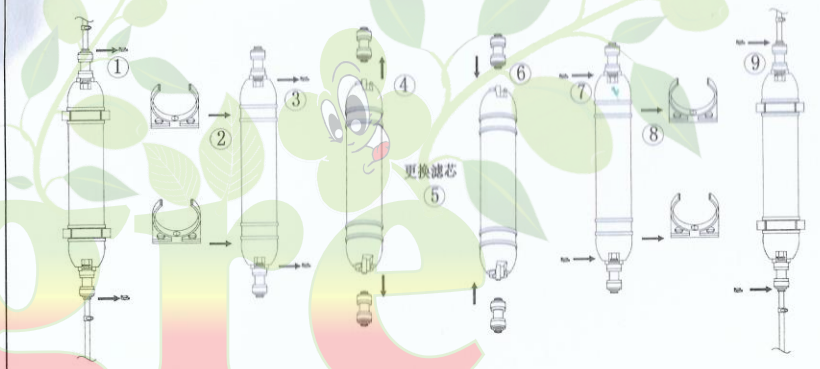


Chart 5.3 Steps of changing filter

Before changing the filter,shut off the power and the inlet valve。Shown as chart 5.3, ①take off the plastic semi-ring on the pipe side and push out the pipe; ②take the filter away from the mounting clip; ③take off the plastic semi-ring on the filter side, ④remove the 1/4" Push-fit connector; ⑤change a new filter; ⑥⑦⑧⑨⑩ are steps to fix the new filter back like the way above mentioned 。

Mark:the softening resin filter is to demineralize hard water in case of incrustation scale(white powder) on the surface,the filter is suggested to be used for 3-6 months based on water quality and change for new one at least 6 months。