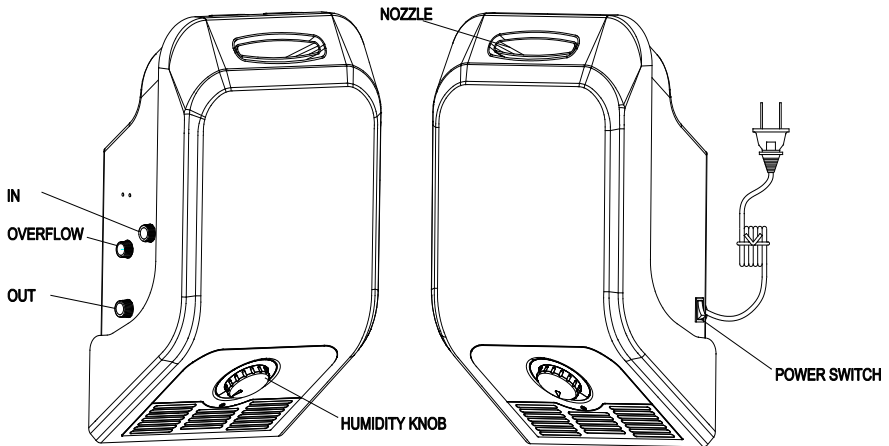




By Cigar Oasis

Instruction Manual

System Description



Product Features

Large Space & System

Single use for small spaces (up to 1200 ft²) or combined use with multiple units as a humidification system for a larger space.

Large Mist Output & Ultra-fine Mist Particle Diameter

Mist output as high as 1600ml/h to ensure the humidification effect for large spaces; ultra-fine mist particle diameter of $D_{50} \leq 5\mu\text{m}$ (microns) with high gasification rate up to 80% to enhance humidification effect.

Auto-Fill Water

The Oasis HumiZone connects directly to a clean filtered Reverse Osmosis water supply for convenient, continuous auto-refill of water

Automatic Humidity Control

HumiZone should be set to the desired set point (20%-100%) and it will control the humidity in the enclosed environment continuously by providing mist to the area as necessary.

Safety Features

The HumiZone has overflow protection if the water inlet valve is damaged. If the water continues to flow it is discharged through an overflow connection to the drain. It will also automatically stop working if the water supply runs out.

High Efficiency & Energy Saving

Ultra-fine mist particle diameter $D_{50} \leq 5\mu\text{m}$, mist transmission distance up to 8 ft, high gasification rate up to 80%, power consumption of 120W, save water and energy.

Antibacterial & Healthy

The Oasis HumiZone uses silver ion anti-bacterial technology to provide hygienic mist.

Installation

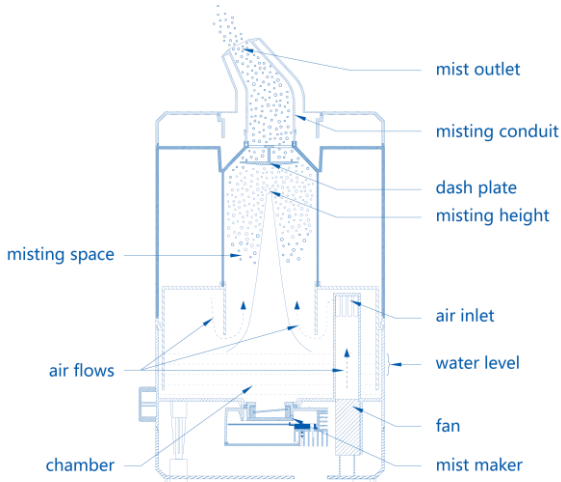
The Oasis HumiZone is easy to install as outlined further in the Instruction Manual with simple push fit connectors furnished with the unit. The Reverse Osmosis System furnished with the unit is essential to clean and filter the water. Specific instructions will be furnished with system to install it at the water supply location.

Oasis HumiZone Specifications


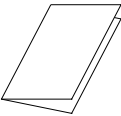
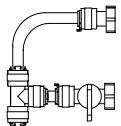

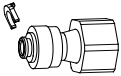
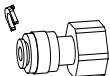



Parameters

Input Voltage	100~240ACV 50/60Hz	N W	10 lbs.	Ambient Temperature	≤120°C
Power	120 W	G W	14.5 lbs.	Ambient Humidity	≤80%RH
Mist Output	1.6 KG/Hr.	Dimension	14x8x22 inches	Atomizing Media	(demineralized) Tap-water
Mist Particle Dia (D90)	≤10μm	Max Atomizing Distance	6- 8 ft	Water Temperature	10~55°C
Mist Particle Dia (D50)	≤5μm	Noise	≤55dB	Water Pressure	40 - 80 PSI

Operating Principles



In the Box

Product/Pic	QTY	Product/Pic	QTY	Product/Pic	QTY
	1 set	 Instruction Sheet	1 copy		1 set
 1/2" to 1/4" Push-fit connector PE shut off valve	1 pc	 1/2" to 1/4" Push-fit connector	1 pc	 1/2" to 3/8" Push-fit connector	1 pc
 1/4" & 3/8" pipe	2.5M of each	 Hose nail for 1/4" & 3/8" pipe	5pcs of each	 ϕ5X80 expansion screws	2 pcs

Installation Guideline

Installation Requirements

- Ensure wall can withstand twice the weight of humidifier full of water (≥33lbs).
- Installation height away from ceiling is 3 ft, and above the ground is 4-5 ft.
- Operating voltage AC100~240V.
- Reverse Osmosis System required to filter water.

Installation Steps

- ① Shown as Figure 1, put two screws into the wall (concrete wall: expansion screws(ϕ5X80); wood wall: tapping screws(ϕ5X20))
- ② All screws firmly fixed, hang the humidifier

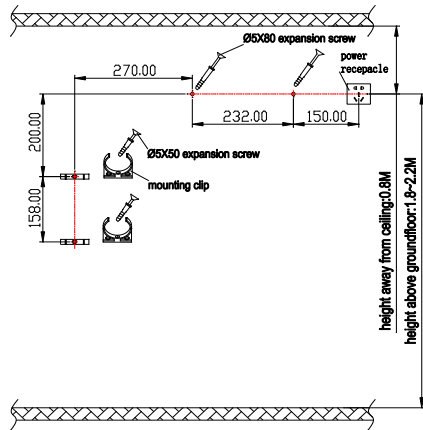


Figure 1

Pipes & Filter Installation

- ① Shown as Figure 2, connect the push-fit connector into OVERFLOW and OUTLET (shut off valve for OUTLET; remove the plastic semi-ring and push into the 3/8" pipe until it cannot push forward anymore, put on the plastic semi-ring).

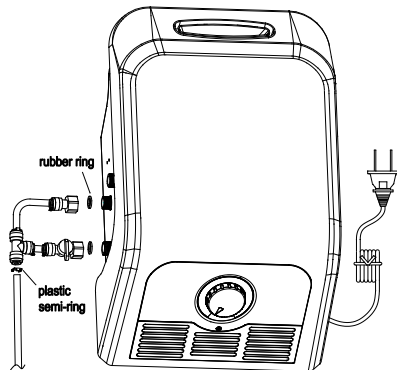


Figure 2

Note: Connection of push-fit kits shown as Figure 3

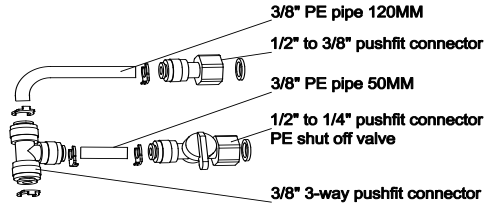


Figure 3 Push-fit kit connection

② Shown as Figure 4, connect the 1/2" to 1/4" Push-fit into the water inlet, join the filter with 1/4" on both sides-one to the water inlet, the other to the ROS (Reverse Osmosis System) water supply,

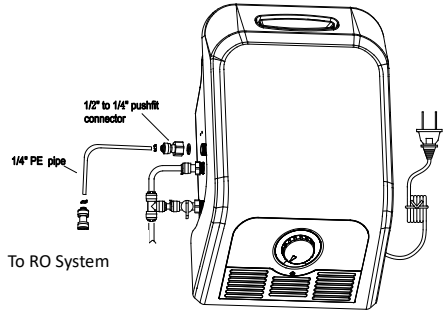


Figure 4

③ Shown as Figure 5, the pipe connected 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.

(Note: when using the push-fit kits, remove the plastic semi-ring first and push the pipe until it cannot push forward anymore, then plug it back)

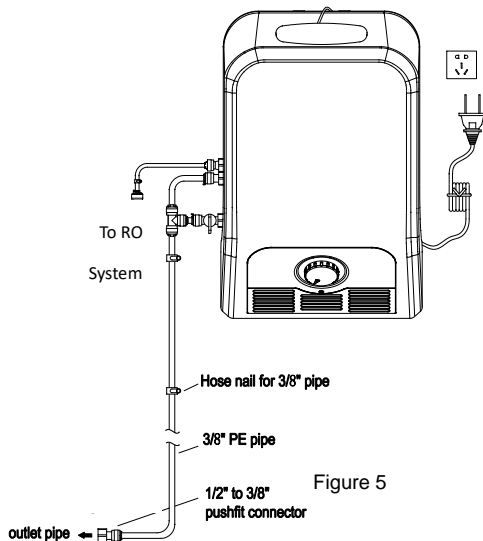
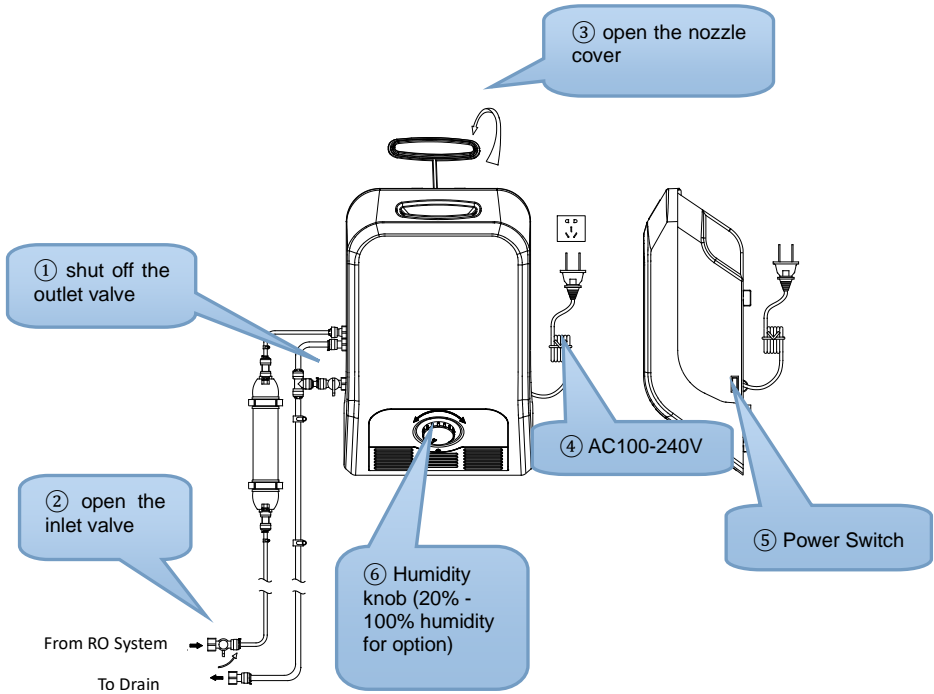


Figure 5

Applications

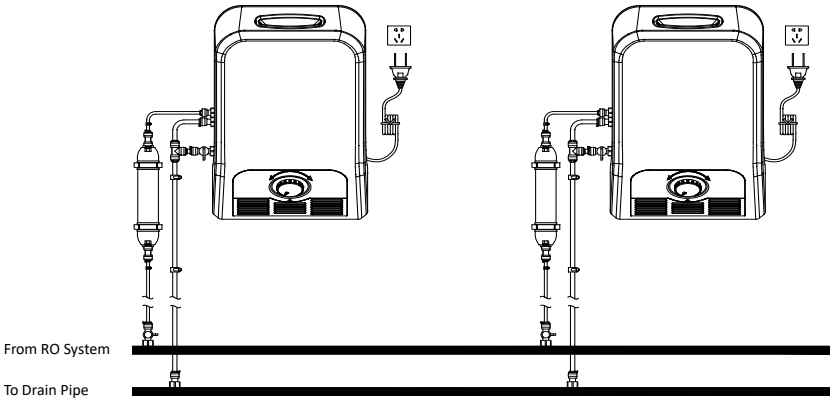
Single Use



Single Use

- 1、 The humidifier will work in 10 seconds after refilled with water.
- 2、 For short time non-use of the humidifier, shut off the power switch; for extended non-use, shut off the power, shut off water inlet valve, open the water outlet valve and completely drain the unit and clean it out.

Combined Use Method



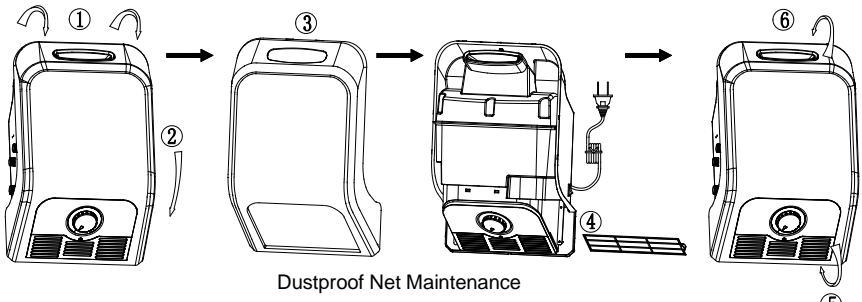
Combined Use

Note:

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

Maintenance

Dust Screen Maintenance



Dustproof Net Maintenance

Shown in above illustration: Take out snap joints in direction ①, remove the front panel in direction ②, draw out the Dustproof net as ③, clean the net. Put the net back after drying and clean as in ④. Install the front panel as ⑤, buckle the panels as in ⑥. Note: Clean every 6-months for best operation.

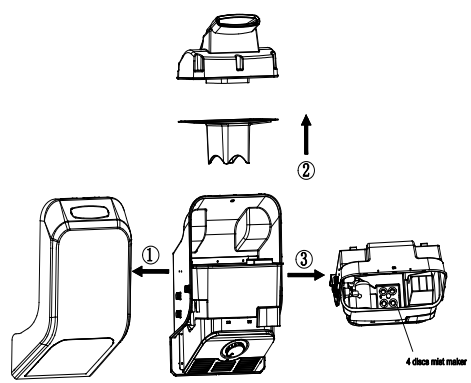
**It is very important to ensure the front panel is snapped fully into the correct position.

Chamber Maintenance

A. Shown as Chamber Maintenance, ① remove the front panel, ② take out the nozzle. B. shut off outlet valve, open the inlet valve, as shown in ③.

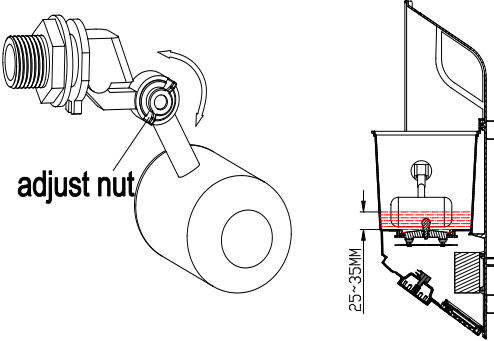
Use a clean soft cotton cloth to clean the atomizing chamber and the surface of mist maker, then close the inlet and open outlet to drain out the water, repeat again until it is completely clean.

Suggestion: Clean every 6-months.



Chamber Maintenance

Troubleshooting

Problem	Causes	Treatment
Small mist output	<ol style="list-style-type: none"> 1. Improper adjustable floating switch. 2. Unclean chamber or contaminated water 	<ol style="list-style-type: none"> 1. Adjust the floating switch to the best water level (chart below) 2. Clean the chamber repeatedly.
No mist output	<ol style="list-style-type: none"> 1. Improper adjustable floating switch for a working water level. 2. Water outlet valve is unclosed or damaged. 	<ol style="list-style-type: none"> 1. Adjust to the best water level. (chart below) 2. Close or change valve.
Small mist output after extended operation	Scale build-up on the surface	Use weak acid solution to clean the scales repeatedly.
Water overflow	<ol style="list-style-type: none"> 1. Floating switch becomes useless. 2. Float is improper adjust and water overflow 	<ol style="list-style-type: none"> 1. Change to a new floating switch. 2. Adjust the floating switch to the best water level.
Short distance of mist transmission	Dustproof net full of dust to prevent air blowing in.	Wash the dustproof net
<p>Note:</p> <p>When the humidifier is working, if the fog output is small, check and adjust the floating switch to the best working water level – 1 in – 1-13/16” from the mist maker surface to the water top.</p>		



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