



**Installation & Operating  
Instructions for  
UH-300 / UH-301 / UH-303  
Ultrasonic Humidifiers**



**Humidity Source, LLC**

90 Dayton Ave. Bldg. 1-D, Passaic, New Jersey 07055

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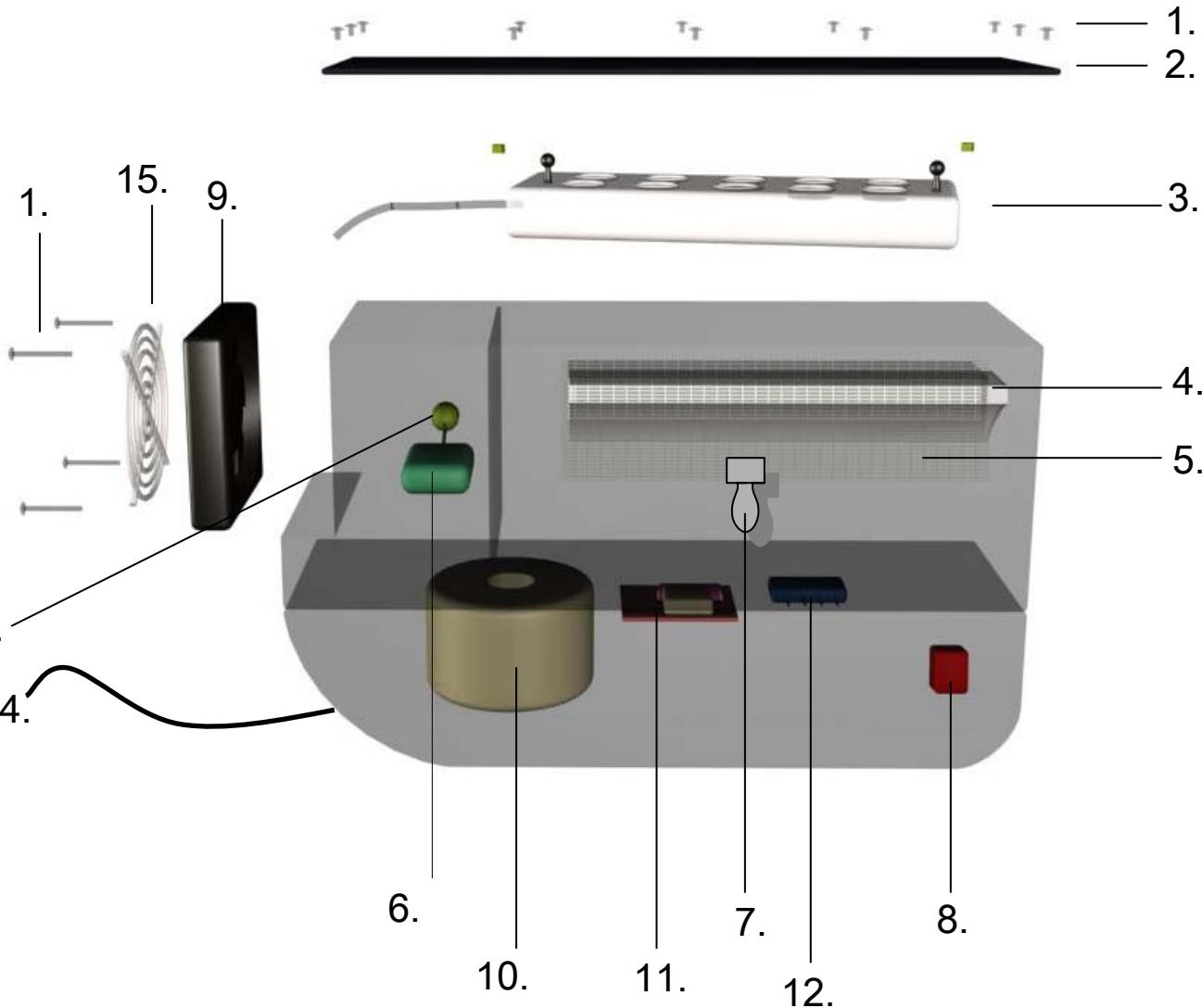
[www.humiditysource.com](http://www.humiditysource.com)



## Specifications:

Model No.	UH-300/301/303
Item	Industrial Humidifier
Power Supply	110VAC 60Hz
Power Consumption	340W
Particle Size	4~5 microns
Humidification Capacity	7.5 lb/hr
Noise Level	< 48dB
Feed Water Pressure	10 to 70 psig
Dimensions	W 18 ¼ X D 7 ¼ X H 11 ¾ in


**Name of each part:**




1. Screws
2. Cover
3. Mist generator
4. Humidifier Outlet
5. Filter Screen
6. Float Valve
7. Water Level Sensor
8. Power Switch
9. Fan
10. Transformer
11. Converter
12. SSR
13. Water connection
14. Power Cord
15. Fan Grill

## Installation:




 UH-300  
Put on table, shelf or floor



 UH-300  
Hang from the ceiling with bracket

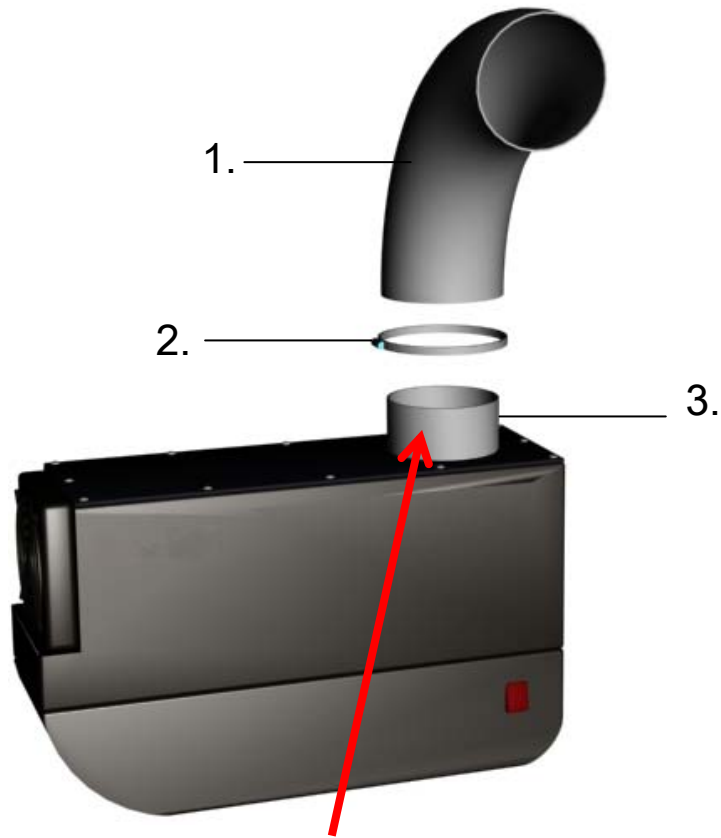


 UH-301  
Attach to the wall with mounting bracket



UH-303  
Mount on wall with flexible hose to duct

## How to Attach the Flex Hose on UH-303



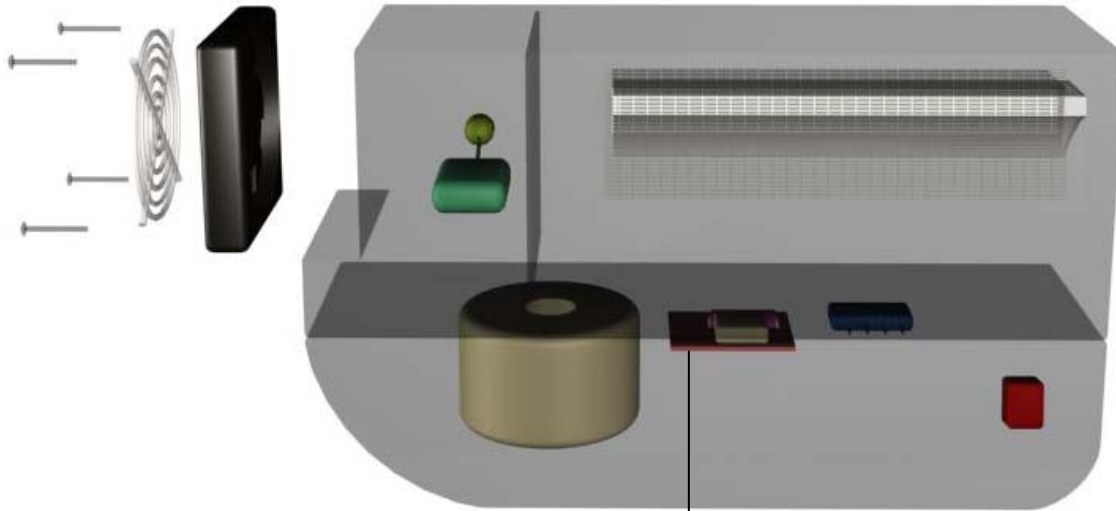
### Name of each part

1. Flexible hose for connecting to duct
2. Flex hose clamp
3. Outlet collar

### How to attach the Flex Hose

1. Apply silicon sealant to the outlet collar
2. Slide flexible hose over the outlet collar
3. Tighten the flex clamp and adjust the flex hose

## How to replace the mist generator:



5.

1. Remove the 12 screws at top.
2. Open the acrylic cover. Protect the gasket.
3. Unscrew the 2 nuts on the mist generator.
4. Remove the mist generator cables from the converter.  
(Note the position of the each cable colors : White & Red)
5. Connect the new mist generator cables to the converter using the same colors as above.  
Refer to the picture [How to connect the cables]
6. Reinstall cover.

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## How To Operate:



**Power Switch**

1. Connect the ¼" water tube and supply the water to the unit.
2. Allow reservoir to fill completely, then wait for 5 minutes.
3. Connect the power cord.
4. Switch power on.
5. Humidifier will operate continuously.
6. An on-off humidistat can be added for automatic control. See accessories.
7. A reverse osmosis water demineralizer maybe added to prevent "white dust" from forming. See accessories.

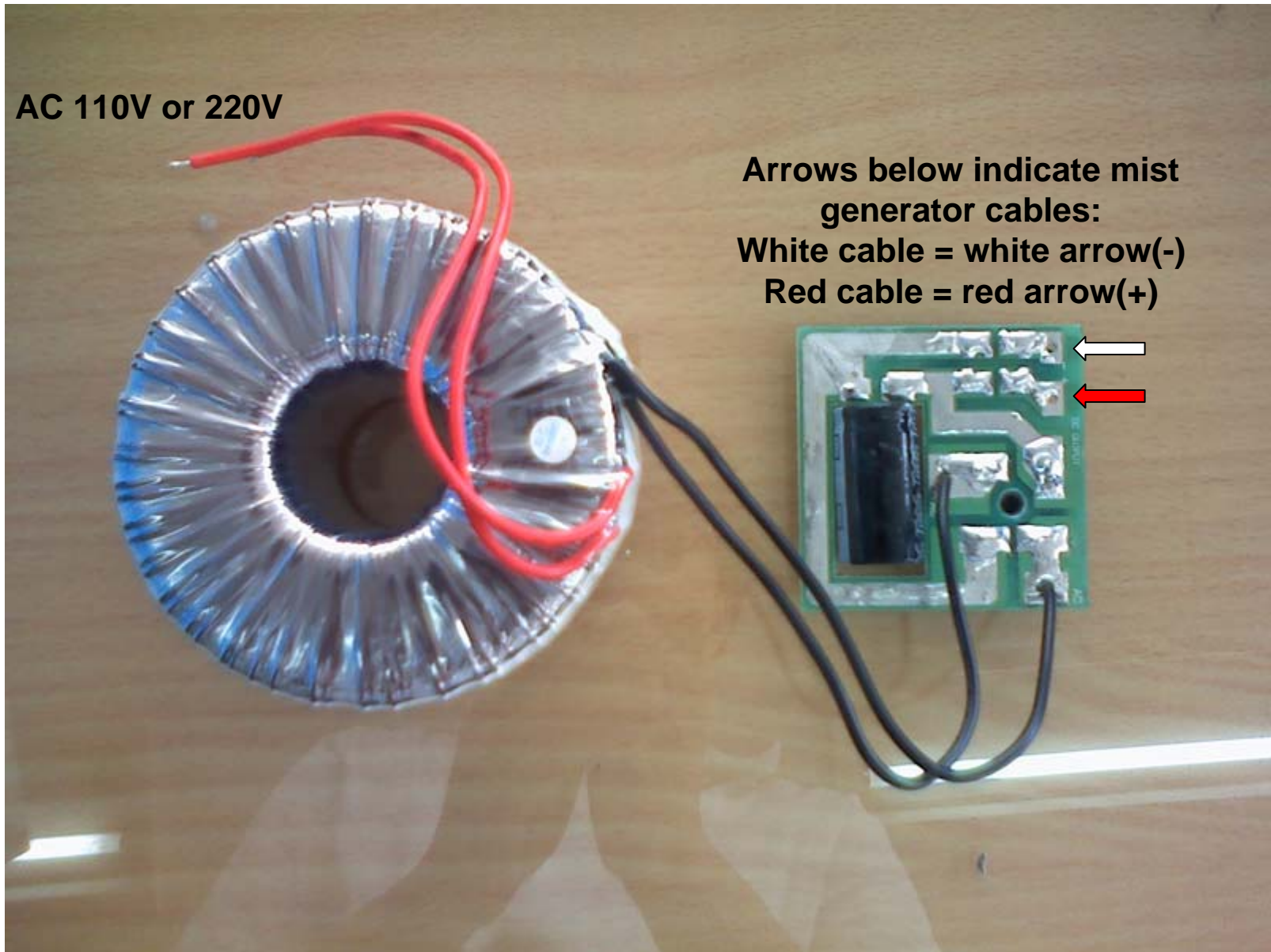


If the humidifier is not going to be used for an extended period of time, drain water completely and leave dry.

When restarting, wait until the water level has been at the full operating level for a minimum of 5 minutes before operating the humidifier.

## How to connect the cables

AC 110V or 220V



Arrows below indicate mist  
generator cables:  
White cable = white arrow(-)  
Red cable = red arrow(+)