

## Quick Start Guide

**Condair HumiLife** – The proven steam solution

Condair RH

# Thank you for choosing Condair.

## Cautions and Warnings



### CAUTION: Servicing

- The unit is mains powered. Disconnect main power before any servicing.
- Electrical compartment contains high voltage components. Access should be limited to authorized personnel only.
- The unit is hot. Wait for the unit to drain and cool before servicing. During and following operation of the humidifier, the steam and components in contact with the steam such as the steam lines, steam distributors, and condensate lines can become hot and can burn if touched.
- Condair does not accept any liability for installations of humidity equipment installed by unqualified personnel, or the use of parts, components, or equipment that are not authorized or approved by Condair.



### CAUTION: Electrical

- All electrical work should be done according to all applicable local and national codes.
- Electrical connection to be performed by a licensed electrician.



### CAUTION: Plumbing

- (Recommended) Plumbing to be performed by a licensed plumber.
- Drain water from the humidifier can be very hot. Drain to an appropriate floor drain.
- All plumbing work should be done according to local plumbing code.



### CAUTION: Installation

- Do NOT mount in area where freezing can occur.
- Do NOT mount on vibrating surface.
- Do NOT mount on the floor.
- Do NOT block the steam outlet.
- (Recommended) Install an air proving switch.
- Do install steam lines to prevent any restrictions that may cause back-pressure in the humidifier.
- Ensure furnace fan is operating while the humidifier is generating steam.

## What's in the box?

- Condair HumiLife RH Humidifier
- Quick Start Guide
- Steam Distributor & Gasket
- Humidity sensor (duct)
- Water (fill) hose, 20 ft (6 m)
- Steam hose, 5 ft (1.5 m)
- Drain hose, 10 ft (3 m)
- Fittings

## What you'll need

Condair HumiLife app. Find the app in the App Store® (iPhone) or Google Play Store (Android). (required to finalize the installation)

Google Play (Android)



App Store (iOS)



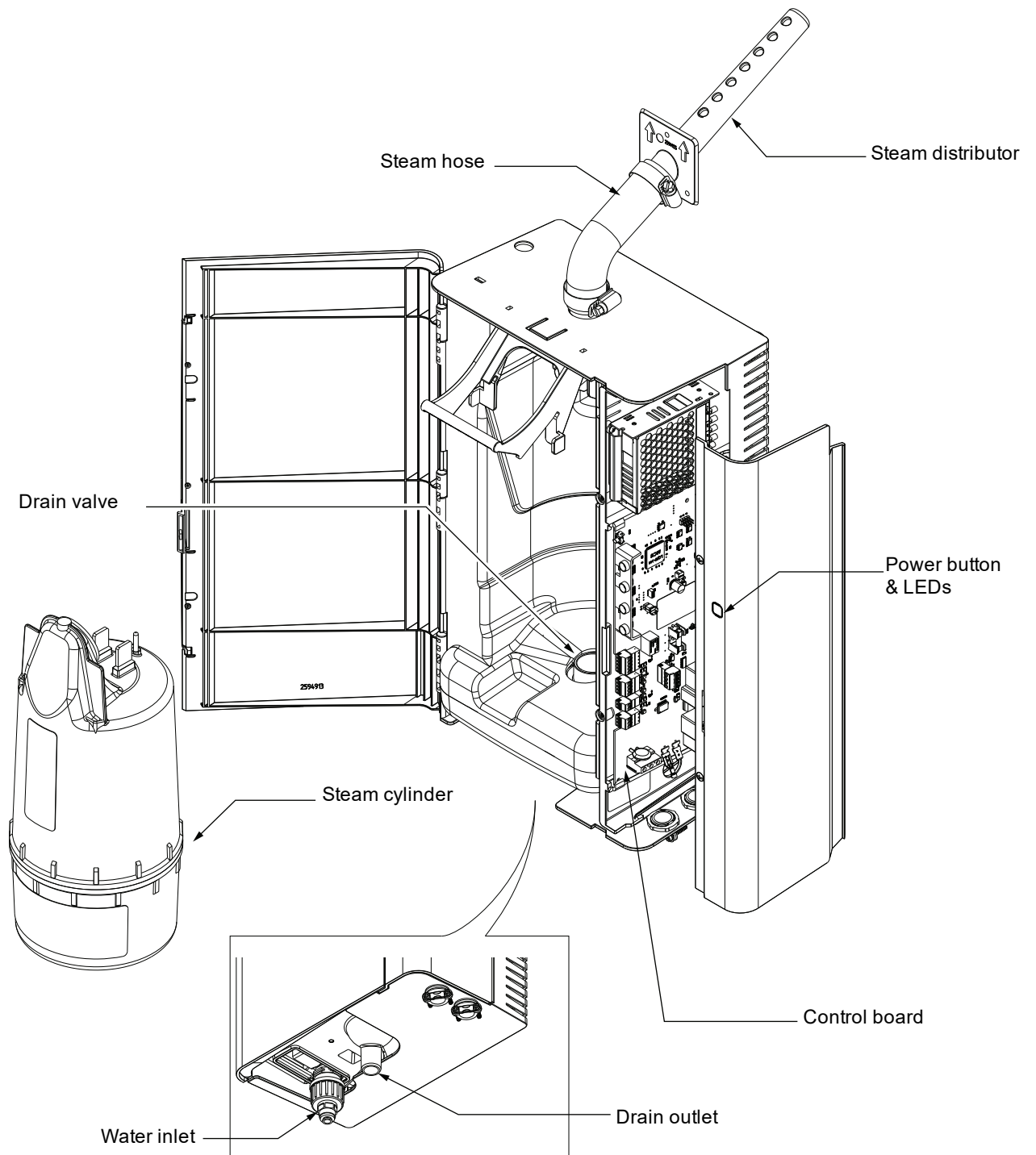
Access to:

- Drain
- Water supply
- Forced air ventilation system
- Wall studs (for wall mounted installations)

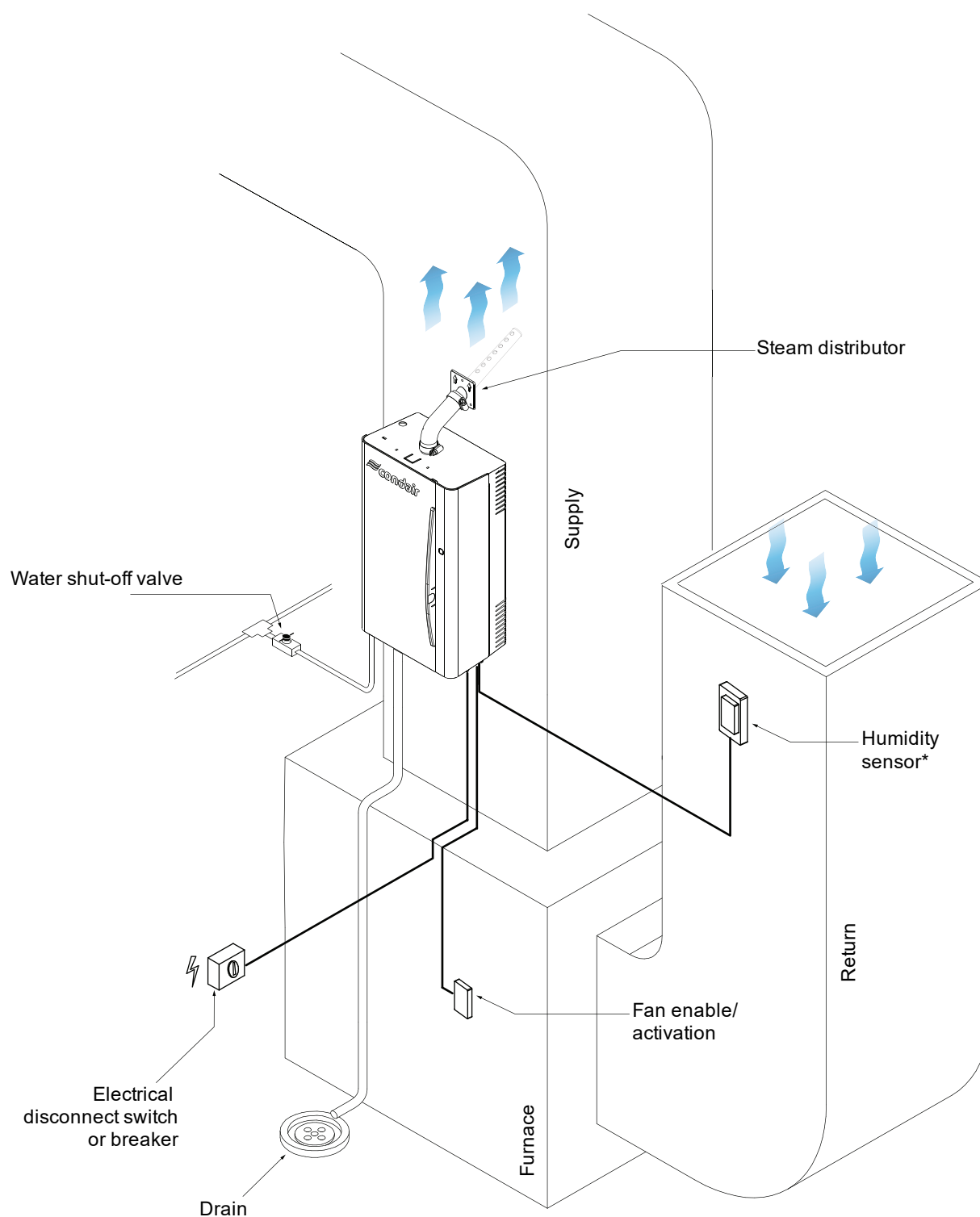
Tools:

- Phillips (+) screwdriver
- Flat-head (-) screwdriver
- Pliers
- Level
- Hole saw, 1.2 in (30 mm) & 5/8 in (16 mm)
- Drill and bits
- Box cutter (or other sharp knife)
- Wire cutter and wire stripper

# Product Overview



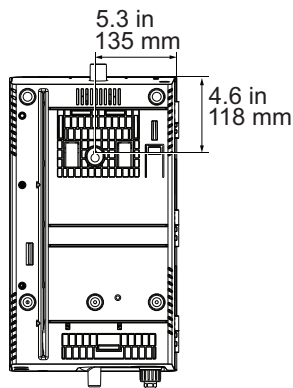
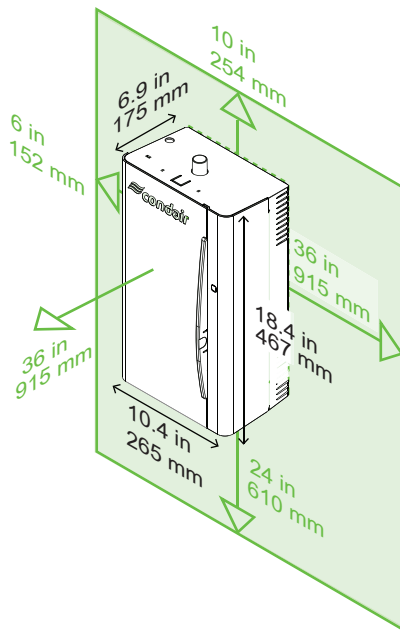
# Installation Overview



\*Use a humidity sensor OR an On/Off humidistat. Installing a high-limit sensor or controller is optional (but recommended).

See installation manual for more information.

## Location and Clearances



The Condair HumiLife RH may be installed on a wall and remotely connect to your ventilation system, or directly onto the ventilation duct.

When choosing the location for your humidifier, ensure there is enough clearance for servicing and maintenance, and for the installation of the steam line and steam distributor.

For remote installations, you will require a longer steam hose, so consider the steam line recommendations below for efficient humidification.

**For installations on a wall, mount the unit on wall studs (2x4 or equivalent).**

For installations directly on the duct, use the mounting template (supplied) to locate pilot holes for mounting the unit and installing the steam distributor.

**(Recommended)** Install the distributor first. The location of the distributor will define the location of the humidifier.

Net / Full Weight lb (kg)	Dimensions HxWxD in (mm)
19 / 26 lb (8.6 / 11.8 kg)	18.4 x 10.4 x 6.9 in (467 x 265 x 175 mm)

\*Clearance dimensions shown are for reference only and are the minimum required for maintenance of the humidifier.

\*Consult local and national code before final location and installation.

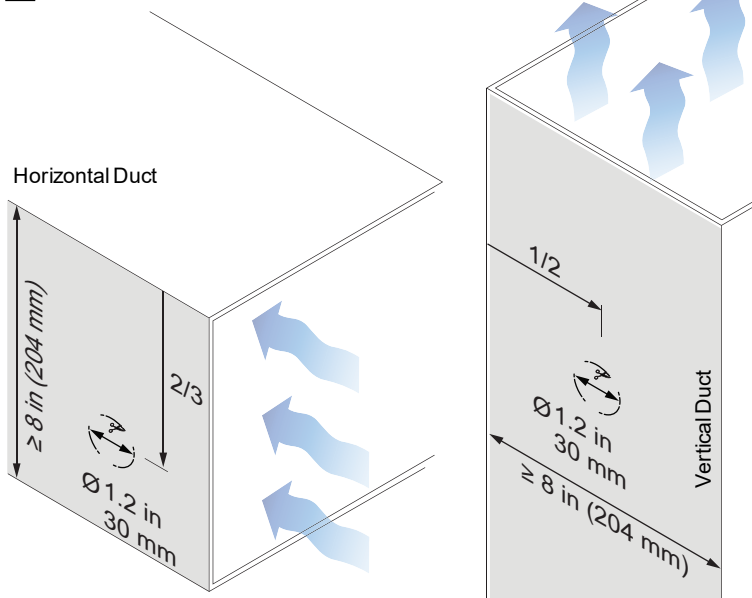
\*Condair does not accept responsibility for installation code violations.

### Important Considerations for the Steam Line

- Install the humidifier below the steam distributor.
- Install support brackets (one supplied with the humidifier) to prevent sagging in the steam line. If sagging occurs, use additional support brackets.
- Install the humidifier as close as possible to the steam distributor. Short distances minimize condensate losses and reduces the possibility of back pressure in the steam line.
- Bend radius: 6 in (150 mm) minimum.
- Length: 15 ft (4.5 m) maximum.
- Slope: 15° min. (up-slope), 2° max. (down-slope).  
**Note:** install condensate traps at low points if the steam line has any down-slope.
- Steam line material: Condair steam hose (supplied), or properly insulated stainless steel or copper, with max. surface temperature at 140 ° F (60 ° C).
- Clamp torque: 12 in-lb (1.36 Nm) (max. at humidifier outlet).

## Installing the Steam Distributor

**1**

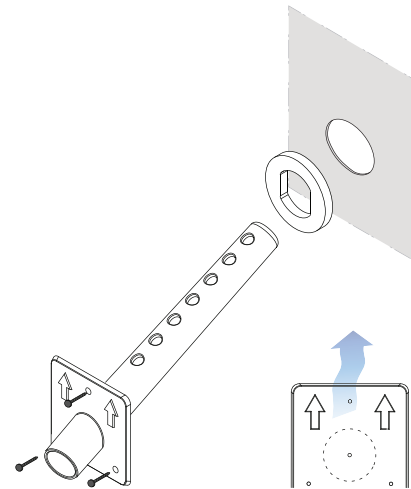


Create a 1.18 in (30 mm) hole in the duct. Install distributor on the supply duct, after the cooling coil, and before any bends or obstructions.

For horizontal ducts, cut the hole at roughly 2/3 of duct height, from the top.

For vertical ducts, cut the hole halfway between the two sides of the duct.

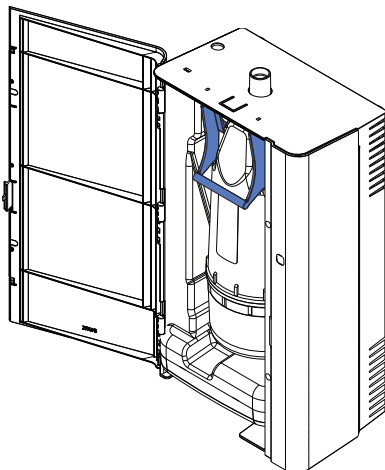
**2**



Place a gasket over the steam distributor and insert the distributor into the duct. Ensure that the arrows on the distributor are pointing up. Secure the distributor to the duct with self-tapping screws.

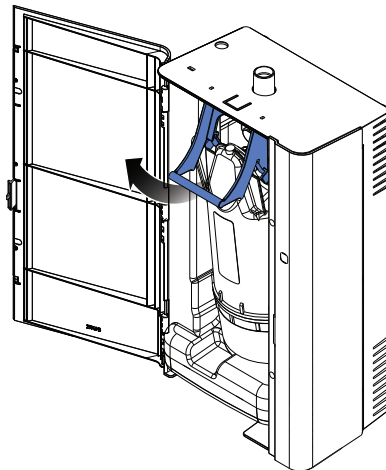
## Removing the Steam Cylinder

**1**



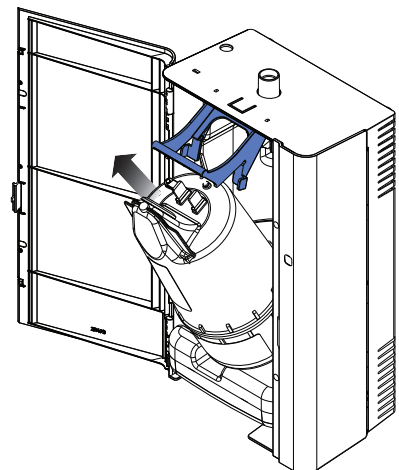
Open the door to the humidifier.

**2**



Pull the lever upwards. The lever will push the cylinder out.

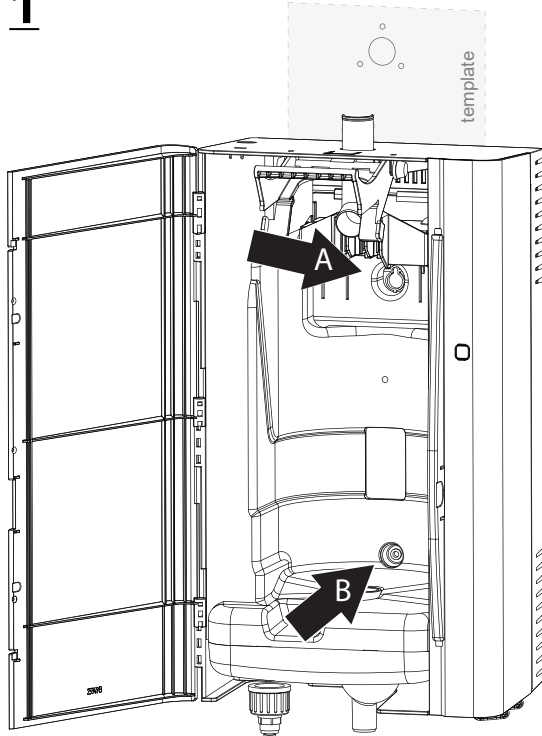
**3**



Pull the cylinder out of the humidifier.

# Mounting Your Humidifier

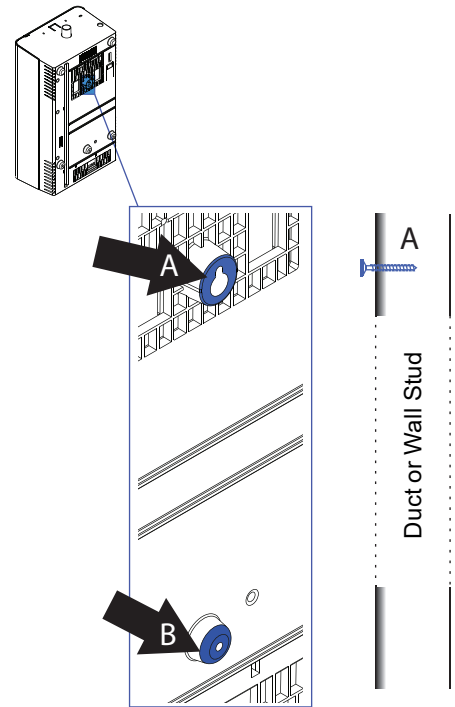
**1**



Open the door to the humidifier. Remove the steam cylinder if it is installed.

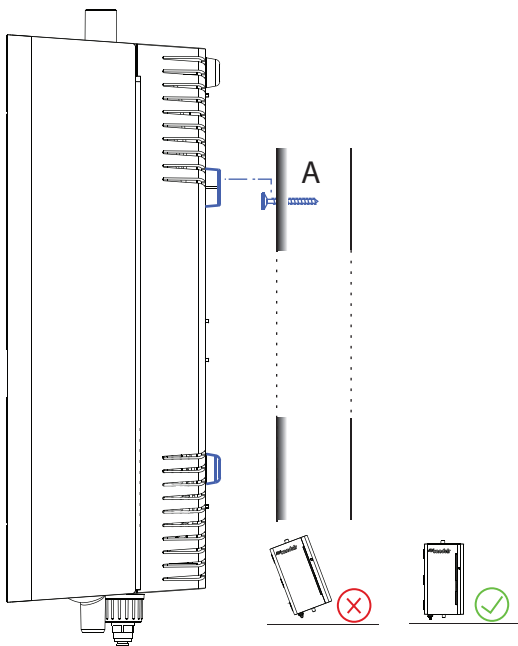
**Tip:** For installations directly on the duct, place the mounting template on the duct and secure with tape. The template will show you where to cut a hole for the distributor.

**2**



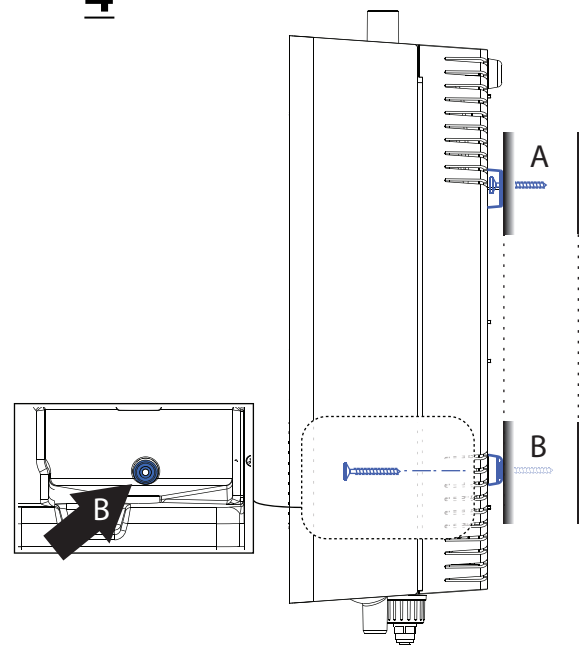
On the wall stud (2x4 or equivalent) or duct, mark the location for the key hole **A** (on the back of the humidifier). Insert a screw at **A**. Leave space on the screw to hang the humidifier.

**3**



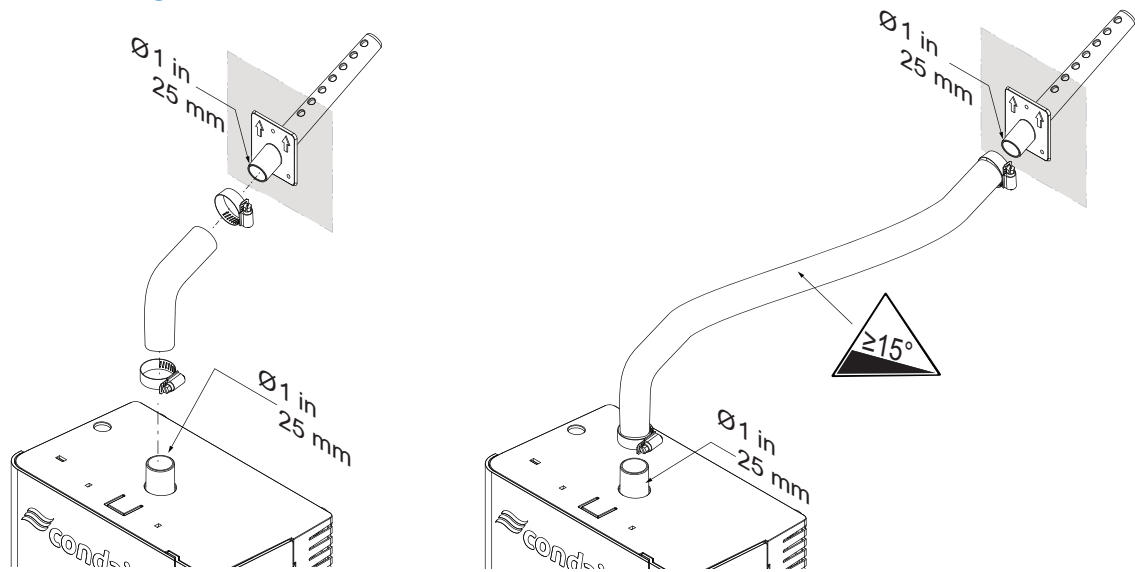
Raise and hang the humidifier on the screw **A**. Ensure the unit is level.

**4**



Through the inside of the humidifier, insert and tighten a screw into the lower mounting hole **B**. Tighten the top screw at **A**.

# Installing the Steam Line



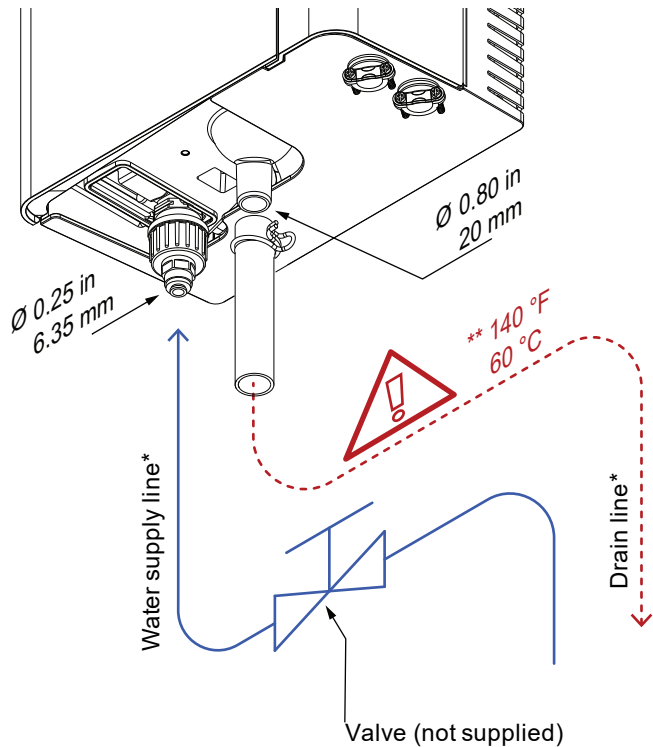
Connect the steam hose to the humidifier and route it to the steam distributor, outer diameter 1 in (25 mm). Secure with clamps.

\*Do NOT exceed max recommended steam line length of 15 ft (4.5 m).

\*Do NOT over tighten hose clamps 12 in-lb (1.36 Nm) at steam outlet.

Consult the Installation Manual for complete details and steam line considerations.

# Installing the Water and Drain Connections



\* Supplied.

\*\* Drain temperatures may be high if the fill or drain valve are malfunctioning.

Consult the Installation Manual for drain connection and drain line considerations and requirements.

## Water Supply Requirements

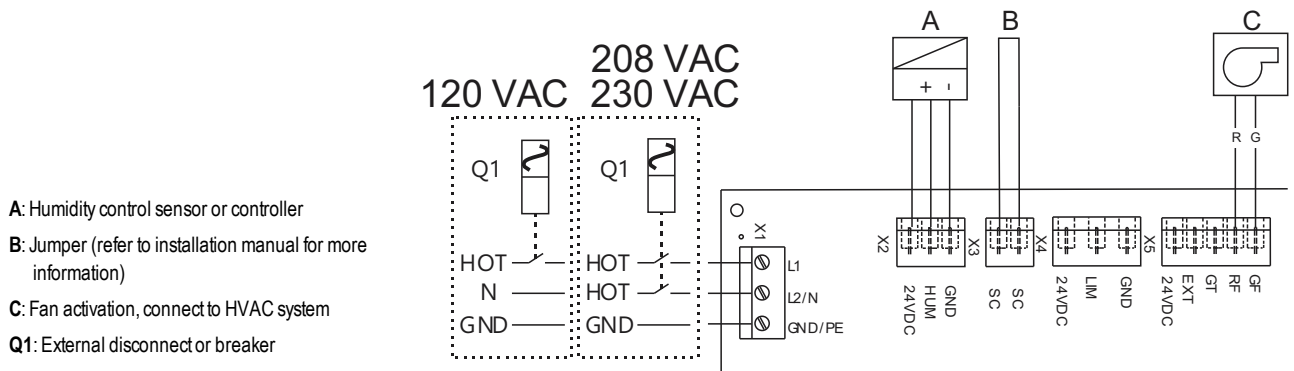
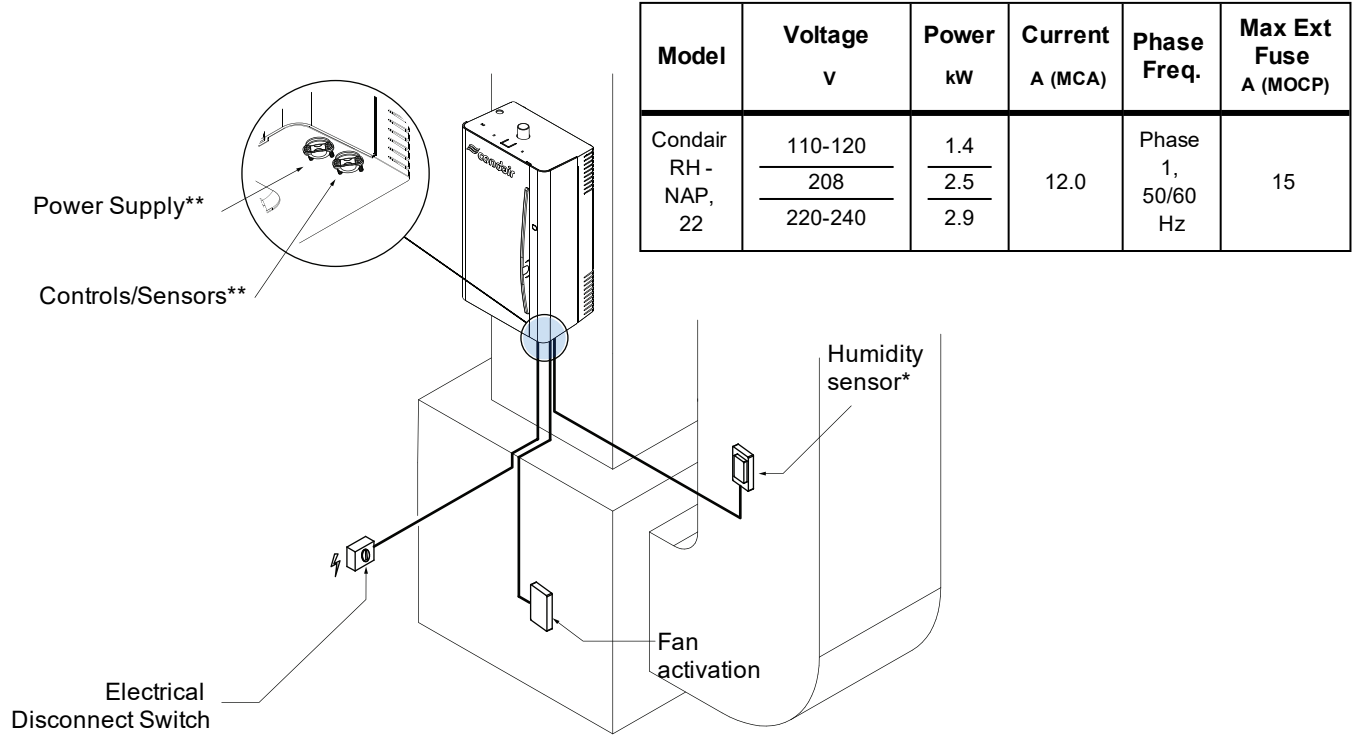
Quality:	Potable water (do <b>not</b> use reverse osmosis or deionized water)
Pressure:	30 - 80 psig (2 - 5.5 bar)
Temperature:	39 - 86 °F (4 - 30 °C), cold water
Conductivity:	125 - 1250 µS/cm
Other:	<ul style="list-style-type: none"><li>Water shut-off valve installed before the humidifier (for service).</li><li>Installed according to national and local plumbing code.</li></ul>

## Installing the water and drain connection:

1. Connect the water supply inlet adapter to the humidifier.
2. Install a water shut-off valve and connect the water supply to the adapter.
3. Connect the drain hose to the humidifier and route it to a suitable drain (floor). Ensure that the drain hose flows to the drain in a continuous down-slope (1.2°).



# Installing the Electrical Connection and Controls



\* for other control devices, refer to installation manual.

\*\* route cables and wires through strain relief clamps.

**Consult the Installation Manual for electrical connection requirements and guidelines.**

## Downloading the Condair HumiLife App

Use your phone's camera or QR scanner to go to Google Play (Android) or the App Store (iOS).

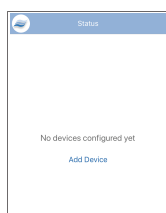
Google Play (Android)



App Store (iOS)

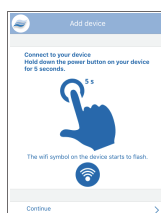


## Connecting to the Condair HumiLife App



Download the Condair HumiLife app from the App Store (iPhone) or Google Play Store (Android).

Open the app and allow it to load. Press **Add Device**.



Turn on the humidifier by pressing the power button for 2 seconds.

Press and hold the power button on the humidifier for 5 seconds (the WiFi LED will start flashing). Once the connection is established, follow the on-screen instructions to configure your humidifier.

# Disclaimer

This Quick Start Guide (the "QSG") provides basic product and installation overview of the Condaire Humilife Humidifier (the "Humilife Humidifier") and is for general information purposes only. The general installation guidelines contained herein do not purport to cover all details of the Humilife Humidifier nor do they provide for every contingency met in connection with installation. Please consult the complete Installation Manual and Operation Manual for a more comprehensive installation guide and for general operation, maintenance, and troubleshooting information, including Condaire's suggested storage, packaging, and transportation guidelines. The Installation Manual and Operation Manual contain specific system, accessories, and components. Copies of the complete Installation Manual and Operation Manual can be found at: [www.condairehumilife.com](http://www.condairehumilife.com). Please read all Cautions and Warnings before installing and using the Humilife Humidifier.

All electrical connections must be installed in accordance with local and national electrical code requirements by a licensed electrician.

All water supply and drain line connections must be installed in accordance with local plumbing codes by a licensed plumber.

Condaire does not accept any liability for installations of humidity equipment installed by unqualified personnel or the use of parts/components/equipment that are not authorized or approved by Condaire.

# Compliance

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

# Warranty

Condair Inc. and/or Condair Ltd. (hereinafter collectively referred to as THE COMPANY), warrant for a period of five years from the date of purchase by the customer, that THE COMPANY's manufactured and assembled products, not otherwise expressly warranted, are free from defects in material and workmanship. No warranty is made against corrosion, deterioration, or suitability of substituted materials used as a result of compliance with government regulations.

THE COMPANY's obligations and liabilities under this warranty are limited to furnishing replacement parts to the customer, F.O.B. THE COMPANY's factory, providing the defective part(s) is returned freight prepaid by the customer. Parts used for repairs are warranted for the balance of the term of the warranty on the original humidifier or 90 days, whichever is longer.

The warranties set forth herein are in lieu of all other warranties expressed or implied by law. No liability whatsoever shall be attached to THE COMPANY until said products have been paid for in full and then said liability shall be limited to the original purchase price for the product. Any further warranty must be in writing, signed by an officer of THE COMPANY.

THE COMPANY's parts or materials that are considered consumables, including but not limited to: cylinders, filters, nozzles, membranes, media, gaskets, O-rings, etc. are NOT covered by the warranty.

THE COMPANY makes no warranty and assumes no liability unless the equipment is installed in strict accordance with a copy of the catalog and installation manual in effect at the date of purchase and by a contractor approved by THE COMPANY to install such equipment.

THE COMPANY makes no warranty and assumes no liability whatsoever for consequential damage or damage resulting directly from misapplication, incorrect sizing or lack of proper maintenance of the equipment.

THE COMPANY makes no warranty and assumes no liability whatsoever for damage resulting from freezing of the humidifier, supply lines, drain lines, or quality of the water used.

THE COMPANY retains the right to change the design, specification and performance criteria of its products without notice or obligation.

THE COMPANY's limited warranty on accessories, not of the companies manufacture, such as controls, humidistats, pumps, etc. is limited to the warranty of the original equipment manufacturer from date of original shipment of humidifier.

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