

Humidifier

GETTING STARTED

Safety Definitions and Precautions	2
What to Expect From Your Humidifier	3
Important Installation Requirements	4

MOUNTING

Choosing a Mounting Method	5
STEP ONE: Select the Mounting Location.	6
STEP TWO: Install Mounting	
Template to the Duct	6
Bypass Model Installation	7
STEP THREE: Configure	
Humidifier Bypass	7
STEP FOUR: Installation	8
STEP FIVE: Bypass Duct Installation.	9
Fan Model Installation	10
STEP THREE: Installation	10
Humidifier Control Installation	11
OPTION ONE: Duct Installation	
H8908 Humidistat	11
OPTION TWO: Remote Installation	
H8908 Humidistat	12

PLUMBING

Water Supply and Drain Connections	13
STEP ONE: Connect the Water Supply	13
STEP TWO: Tap into a Water Line	13
STEP THREE: Connect to the Water Drain	14

WIRING

Before Wiring Humidifier	15
STEP ONE: Remove the Humidifier Cover	15
STEP TWO: Understand the Wiring Terminals. .	15
STEP THREE: Understand the DIP Switches ..	16
STEP FOUR: Install the Transformer	
(Bypass Models Only)	16
STEP FIVE: Wiring Humidifier	16
Wiring Configuration: Advanced Models	
(HE150/HE250/HE300)	17
Wiring Configuration: Basic Models	
(HE100/HE200)	19

OPERATION AND SERVICE

Startup and Checkout	21
Routine Maintenance	22
Troubleshooting	23

APPENDICES

A: Specifications	24
B: Advanced Draining	25
C: Parts List	26



NEED HELP? For assistance with this product please visit <http://yourhome.honeywell.com> or call Honeywell Customer Care toll-free at 1-800-468-1502.

Read and save these instructions.

© U.S. Registered Trademark. Patents pending. Copyright © 2011 Honeywell International Inc. All rights reserved.

Safety Definitions and Precautions

Safety Definitions

These safety terms identify information you must read prior to installing or operating the humidifier.

 **CAUTION:** Indicates a hazardous situation which, if not avoided, could cause bodily injury or property damage.

 **WARNING:** Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

Safety Precautions

Make sure you read and understand the following safety hazards before installing, using, or working with the humidifier:

 **CAUTION:** Voltage Hazard.
Can cause electrical shock or equipment damage.
Disconnect HVAC equipment and any electrical outlet being used for the humidifier installation.

 **WARNING:** Electrocution and Water Hazard.
Can cause death, blindness, and water damage to the home and HVAC Equipment.

 **CAUTION:** Condensation, Fire, and Freezing Water Hazard.
Can cause failure of fan or limit control or result in water damage to home.

What to Expect From Your Humidifier

The installer should review these points with the homeowner and answer any questions they have before leaving the job site.

- **Achieving Humidity Setpoint.** It may take up to a week of continuous operation to achieve the humidity setpoint, especially if the home is dry when the humidifier is installed. This also depends on such factors as weather, size of home, furnishings in the home, and insulation.
- **Ideal Humidity.** Home building industry experts cite 35% relative humidity as ideal for comfort and safeguarding the home during the typical dry season. Homeowners can adjust to their own comfort or until there is condensation on the windows. Lower the setpoint if condensation appears.
- **Unit Not Humidifying.** If the humidifier is not running but the humidity is below the setpoint, the humidity control may have a frost protection setting to prevent window condensation from appearing.
- **Home Ventilation.** Excessive ventilation sends moist air outside and replaces it with dry air. This can make it hard to maintain the humidity setpoint. If installing a ventilator, use a solution that retains moisture. An Energy Recovery Ventilator (ERV) is recommended.
- **Cleaning Requirements.** At least once per year it is recommended to change the humidifier pad and clean the water trays of the humidifier. See Operation and Service section for details.
- **Energy Consumption.** It is important to explain that with any humidification solution there is a cost associated with converting water to humidity. The humidifier utilizes the air heat and air flow in your ducting to make this conversion, which has gas and/or electric costs that depend on your HVAC system type and setup.

Important Installation Requirements

Failure to comply with these requirements will result in voided warranty, improper installation, and service callbacks.

Personal Safety

- Wear safety glasses while installing the humidifier.
- Do not cut into any air conditioning or electrical line.
- Follow professional safety standards and all local regulations for plumbing, electrical, and mechanical considerations.

Mounting Location

- Mount the humidifier in a level position to avoid water damage and ensure maximum output.
- Location must have access to a water line, drain, and power.
- Do not install the humidifier where the ambient temperature is lower than 34°F (1.1°C) or higher than 90°F (40°C).
- Mounting area must be strong enough to support humidifier weight (up to 16 lbs [Fan] or 10 lbs [Bypass]).
- Do not mount directly to ductboard.
- If used near a pool or spa, make sure the humidifier can not fall into the water or be splashed.
- Ensure that the top and bottom covers of the humidifier can be removed and that the pad is accessible from the chosen location.

Water Supply and Drainage

- Consult local plumbing codes for drain size, material, and maximum temperature allowed.

If Replacing an Old Bypass Humidifier

The humidifier is not identical in size and shape to other Honeywell bypass humidifiers. Before performing a retrofit installation, you might need to:

- Dry-fit the humidifier to the existing ducting, plumbing, and wiring before fastening it to the duct to ensure that the existing connections will reach the humidifier.
- If the duct opening of the old humidifier is not the right size for the humidifier, choose a new location or cover the old opening with a piece of sheet metal and cut a new opening specifically for the humidifier using the template provided.

Cross Reference Table

Humidifier	Honeywell®	Aprilaire®	GeneralAire®
HE100 and HE150	HE225	500	570
HE200 and HE250	HE265	600	900
HE300	HE365	700	1000

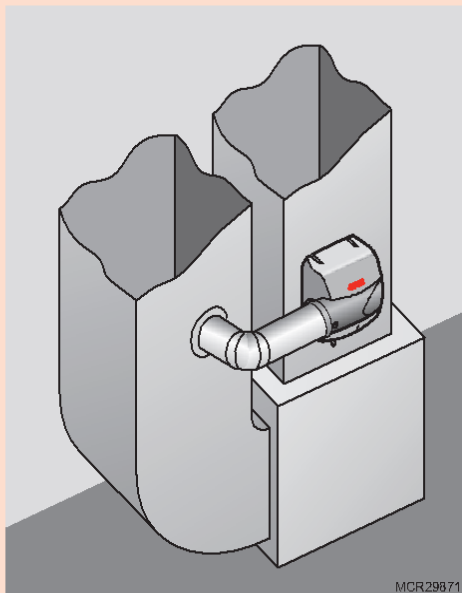
Choosing a Mounting Method

Whether you purchased a Bypass or Fan humidifier will determine how your humidifier will be installed:

Which humidifier do you have?

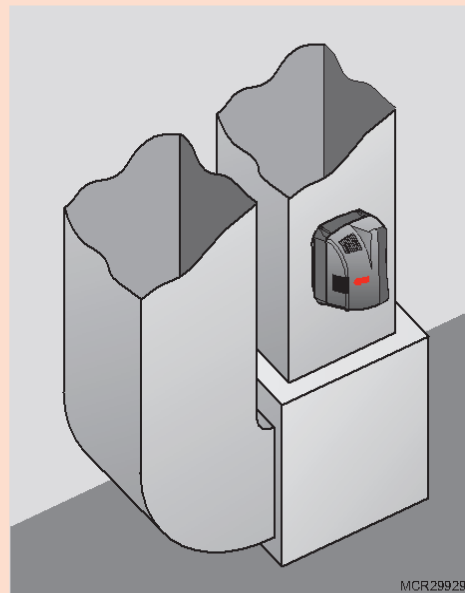
Bypass:

Bypass humidifiers use the pressure difference between the supply and return to move duct air through the humidifier. Access to both the supply and return are required. The bypass humidifier can be positioned on either the supply or return duct.



Fan:

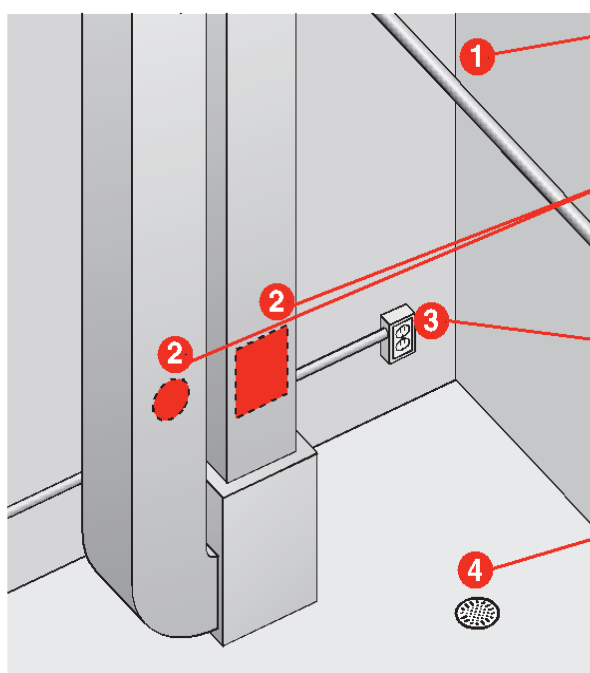
Fan humidifiers use the fan inside the humidifier to pull duct air through the humidifier. Honeywell strongly recommends mounting the HE300 on the supply duct for maximum humidification capacity. If a return duct installation is required, a trap must be installed in the drain line. A hard trap is recommended, but a coil in the line, secured with tape or zip tie, is also acceptable. See Water Supply and Drain Connections section for details.



Before beginning Mounting:

- ☐ I have confirmed local codes for proper plumbing practices.
- ☐ I have chosen an installation location that meets the requirements on page 4.

STEP ONE: Select the Mounting Location



MCR29877

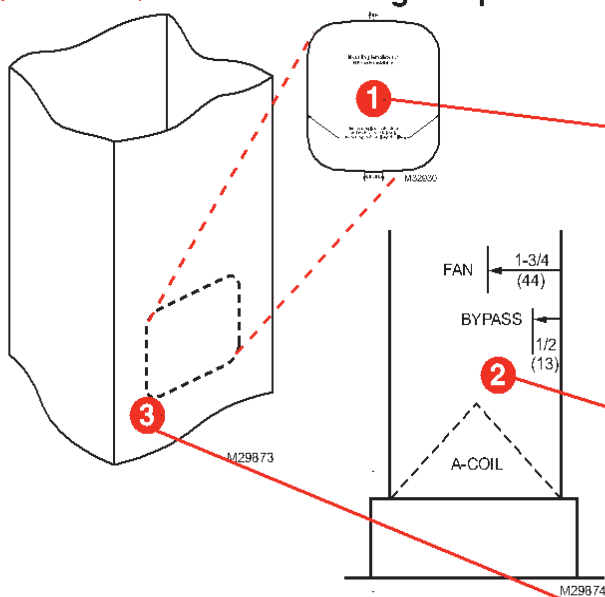
Choose a location that has access to a water supply pipe. Cold or hot water can be used.

Select a vertical or horizontal surface on the HVAC duct work, with adequate space clearances, where the humidifier can be mounted.

Location must also have access to 120 VAC power. For the HE300 Fan humidifier, the power cord is 6 feet long.

Ensure the location is near a drain. Consult local plumbing codes for proper drainage. If no main floor drain is available, see "Appendix B: Advanced Draining."

STEP TWO: Install Mounting Template to the Duct



Position the template on the duct.

- Make sure the template is level and in the desired position on the duct. Peel adhesive backing and press template firmly into place in desired mounting location.

Ensure proper clearances from the air-conditioning coil inside the duct.

NOTE: The HE300 Fan model extends into the duct 1-3/4 inch. Bypass models extend into the duct 1/2 inch. Ensure clearance inside the duct.

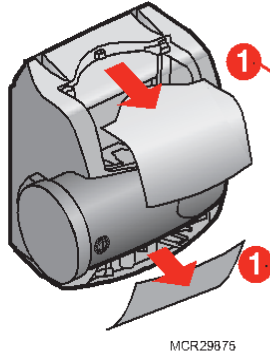
- For best performance, maintain at least 24 inches downstream of open air space inside the duct.

Cut the sheet metal, following the template outline.

If you are installing HE300 Fan model, proceed to page 10.

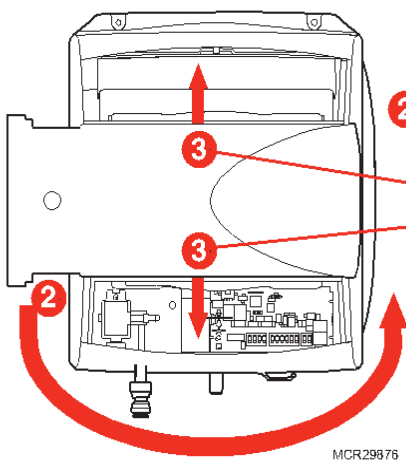
Bypass Model Installation

STEP THREE: Configure Humidifier Bypass



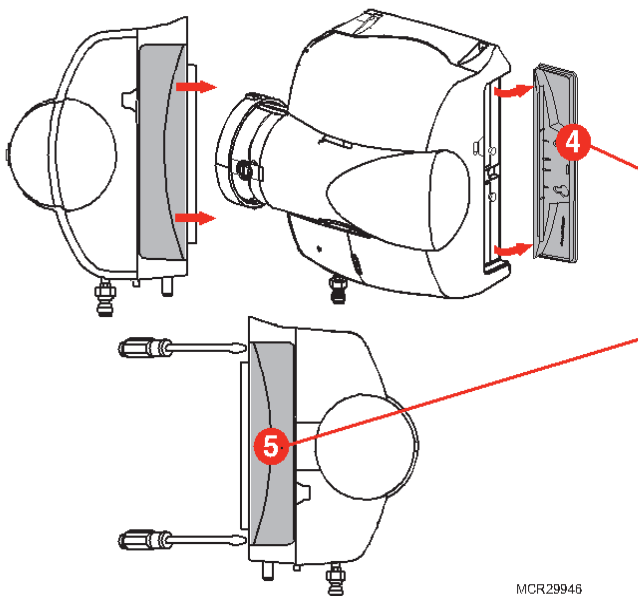
Configure the humidifier bypass outlet to the side that best fits the application.

If the bypass needs to be on the other side, remove the top and bottom covers



Unplug the damper wire and plug in on the other side (HE150/HE250 only).

Pull the bypass clamps apart from center to remove the bypass; snap it back into place with the outlet on the desired side.



Ensure that the pad is accessible. The handle of the pad holder and side panel of the humidifier can be switched so the pad holder can be removed (opposite side of the bypass duct opening).

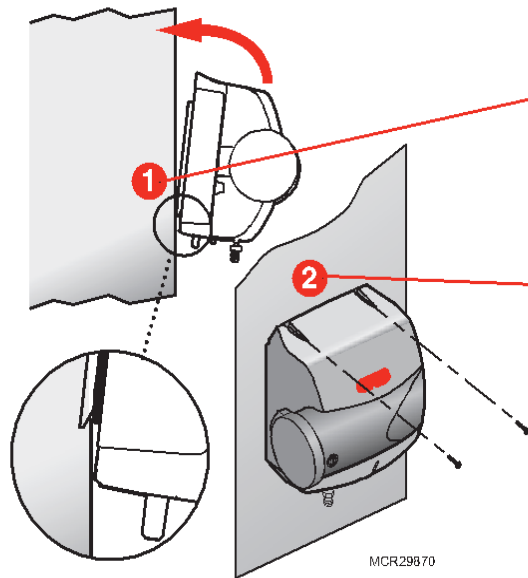
To remove the handle for the pad holder, slide it toward the back of the humidifier, then pull it away from the humidifier.

To remove the opposite side panel, place a screwdriver into the two slots on the back of the humidifier, and pop the panel off.

Snap the pad holder handle and side panel back into place in the desired configuration.

Bypass Model Installation

STEP FOUR: Mounting



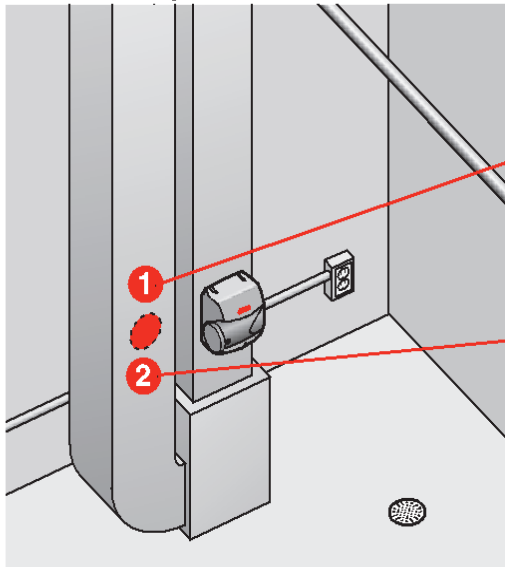
Secure the support hooks on Bypass models to the bottom lip of the hole.

Push the top of the humidifier back against the duct.

Verify the humidifier is level and fasten the humidifier to the duct using two self-drilling sheet metal screws provided.

Bypass Model Installation

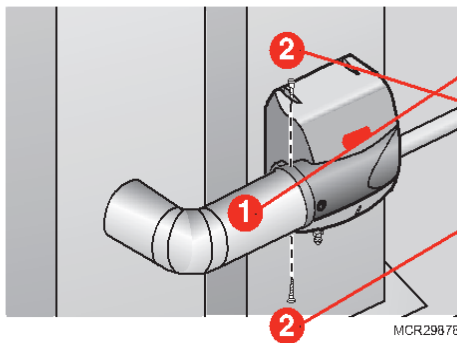
STEP FIVE: Bypass Duct Installation



On the duct opposite the humidifier Bypass install, cut a 6-in. diameter duct hole.

- If the humidifier is on the supply duct, the 6-in. diameter hole should be on the return.
- If the humidifier is on the return duct, the 6-in. diameter hole should be on the supply.

Secure a 6-in. round duct starter collar into the 6-in. duct hole.



Use rigid or aluminized flexible 6-in. duct to connect the starter collar to the humidifier bypass port.

Secure the duct to the humidifier port with self-drilling sheet metal screws using the pre-drilled holes on the bypass port. For added seal, wrap sheet metal tape around the duct to port connection point.

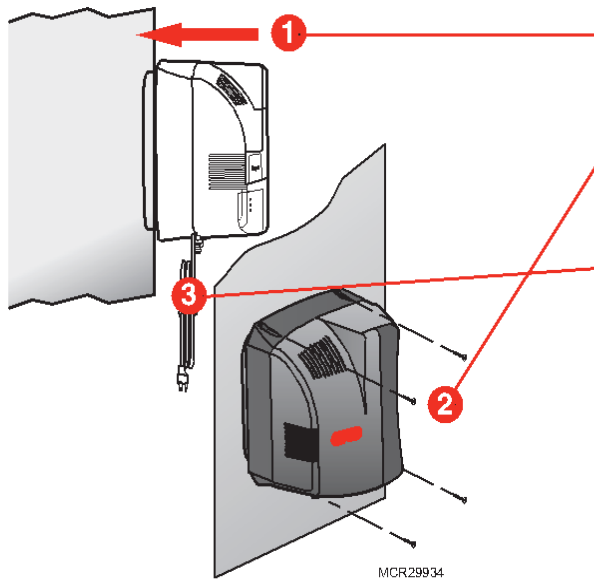
Bypass mounting is complete. Go to page 11.

Before proceeding to the next step:

☐ I secured the humidifier to the duct as instructed.

Fan Model Installation

STEP THREE: Mounting



Slide the Fan model evenly into the duct hole. Verify the humidifier is level.

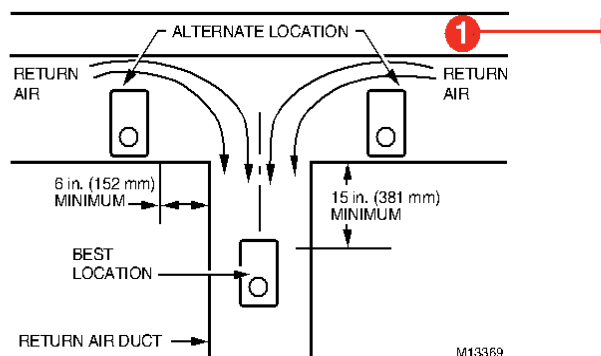
Fasten the humidifier to the duct using four self-drilling sheet metal screws provided.

Do not plug the humidifier in yet.

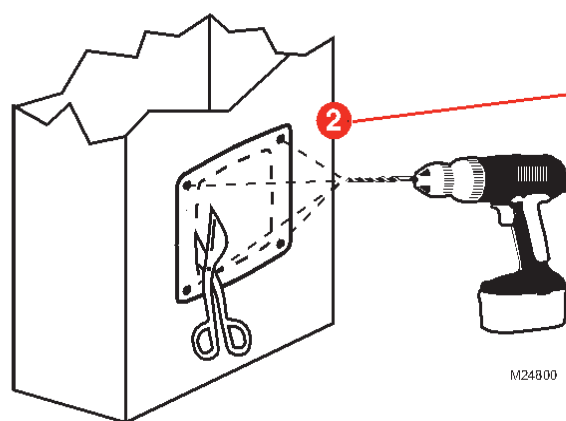
Humidifier Control Installation

OPTION ONE: Duct Installation of H8908 Humidistat (provided)

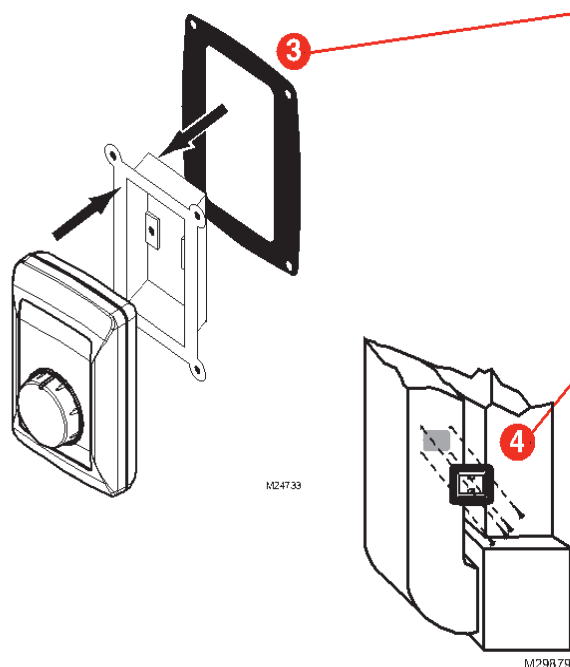
If a different control is being used, refer to installation instructions provided with that control.



Choose a location on the duct.



Apply sticker template to duct and drill holes for mounting screws. Cut along the dotted line of the template with metal shears or tin snips.



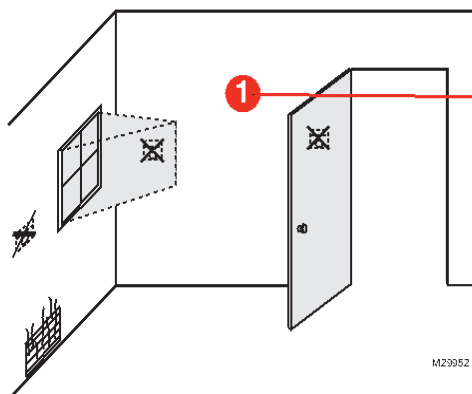
Remove the base bracket from the humidistat. Slide the black gasket onto the base bracket.

Secure the base bracket to the duct. Secure to the duct with four 1-in. (25 mm) screws (provided).

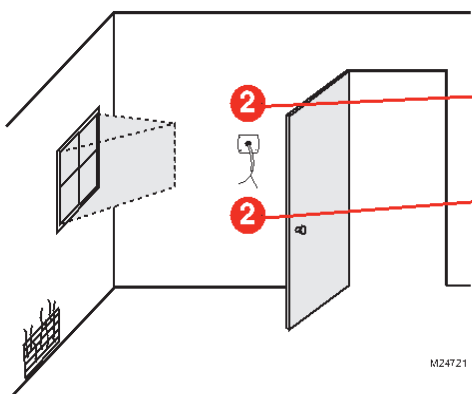
Humidifier Control Installation

OPTION TWO: Remote Installation of H8908 Humidistat (provided)

If a different control is being used, refer to installation instructions provided with that control.

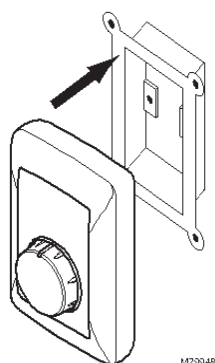


Choose a location in the living area. Select a location clear of drafts or excessive humidity. Avoid mounting near doors or windows, or in bathrooms or kitchens.

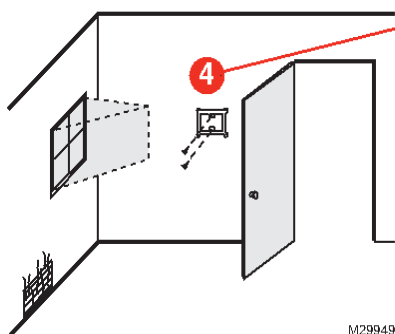


Cut 1-in. diameter wire hole in wall.

Run two-fan, low-voltage wire to the mounting location in the living area.



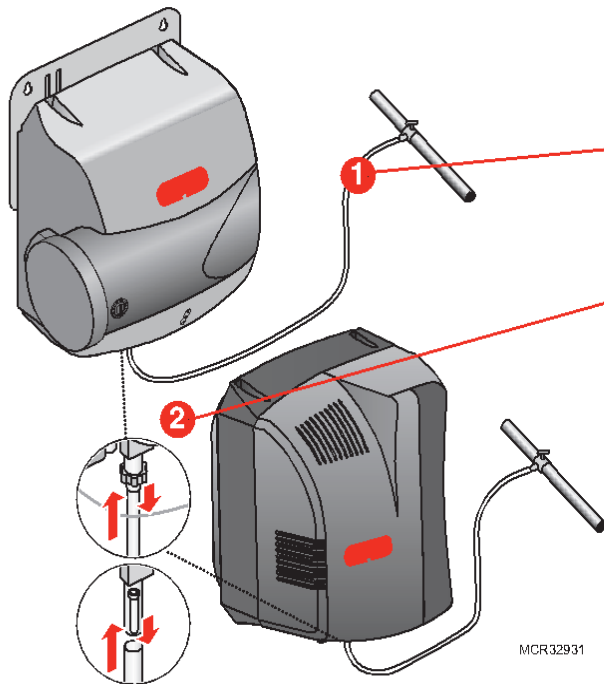
Remove the base bracket from the humidistat.



Secure the base bracket to the remote location with two 1-in. (25 mm) screws (provided).

Water Supply and Drain Connections

STEP ONE: Connect the Water Supply



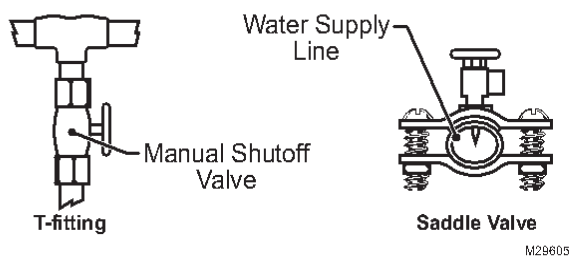
Use hot or cold water.

Cut the water line so it reaches from the humidifier to the main water supply tap

Insert the water line into the gray quick connect fitting. Insert it fully, and apply modest pull pressure to ensure a tight fit.

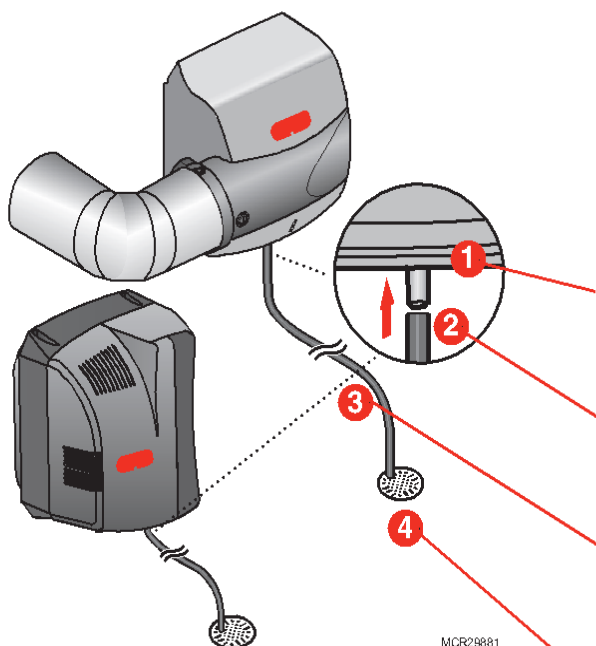
Note: The quick connect fitting can be removed if you prefer to use a standard 1/4-in. brass compression nut plumbing connection. Do not remove the conical screen if you select this option.

STEP TWO: Tap into a Water Line



- Consult local codes for proper plumbing.
- Use the saddle valve provided or a T-fitting and manual shutoff valve to tap into the water line.
- Refer to the literature included with the valve you chose and the local plumbing codes. Use proper technique for the valve.
- Connect the other end of the humidifier water line to the water valve.

STEP THREE: Connect to the Water Drain



MCR29881

- Consult and follow local plumbing codes for drain pipe size and flow requirement.
- The ideal installation is directly to the main floor drain using the rubber hose provided.
- If direct floor drain access is not available, see *"Appendix B: Advanced Draining."*

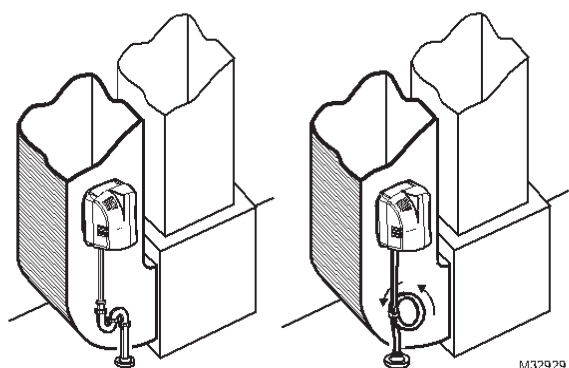
Connect the 1/2-in. drain hose provided to the drain fitting on the bottom of the humidifier.

Use the hose clamp provided to secure the drain hose to the fitting.

Route the drain hose to the floor drain. The hose must have a continuous downward slope.

Direct the hose outlet into the floor drain. Secure the hose to reduce the risk of water pooling or splashing as it drains from the humidifier.

HE300 ONLY: Return Duct Installation



M32929

If a return duct installation is required, a trap must be installed in the drain line. A hard trap is recommended, but a coil in the line, secured with tape or zip tie, is also acceptable.

Before proceeding to Wiring:

- ☐ I have connected the water supply line to the humidifier and the main water tap.
- ☐ I have installed the drain connection.
- ☐ I have checked all plumbing connections for leaks.

Before Wiring the Humidifier



CAUTION: Voltage Hazard.

Be sure the humidifier is not plugged in before beginning wiring.

Before wiring the humidifier:

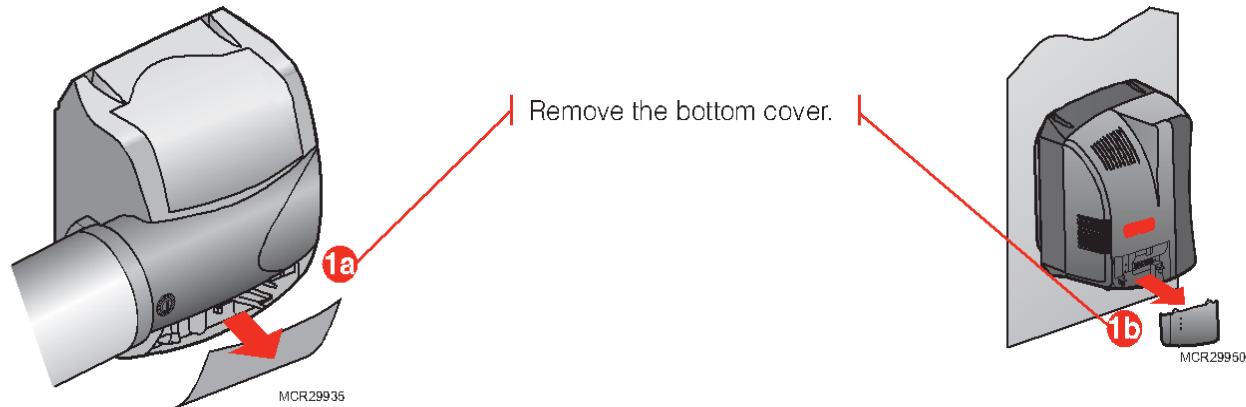
☐ I understand and will comply with applicable local wiring codes and regulations.

☐ I will read the section “Using the DIP Switches” beginning on the next page.

What humidifier model do I have?

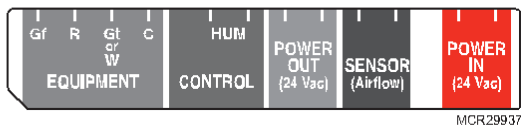
The model number can be found on the bottom of the humidifier.

STEP ONE: Remove the Humidifier Cover

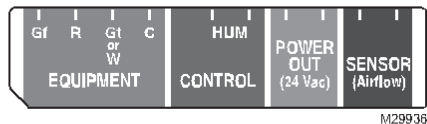


STEP TWO: Understand the Wiring Terminals (HE150/HE250/HE300 only)

HE150/HE250 Bypass Terminal



HE300 Fan Terminal

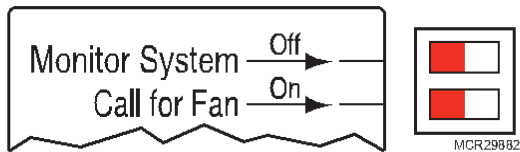


- Gf:** Used to force system fan on when humidity is needed.
- R:** Input from system R. Needed to power Gf when forcing fan on.
- Gt or W:** Input from system G or W. Needed to humidify only during fan or heat calls by system.
- HUM:** Powered contacts for humidity control.
- C:** Common. Needed for Gt or W input. Connect to system C.
- Power Out:** 24V power for electric controls.
- Power In:** Power from 15VA transformer on HE150/HE250 only.
- SENSOR:** Powered contacts for an air proving device when utilized.

Using the DIP Switches (HE150/HE250/HE300 only)

Two features are configured by DIP settings, which are described inside the humidifier cover.

STEP THREE: Understand the DIP Switches



DIP 1 (Top): This switch looks for inputs from the HVAC system before allowing humidity. Set to the left, the humidifier will look for input(s). Set to the right, it will not.

DIP 2 (Bottom): This switch controls the fan. Set to the left, the HVAC system controls the fan. Set to the right, the humidifier will force the fan on when there is a call for humidity.

STEP FOUR: Install the Transformer (Bypass Models Only)

Install transformer on the outside of a grounded metal junction box using only a 7/8 in. (22 mm) knockout hole. Place mounting tabs into the knockout hole and firmly tighten the locking screw. Field wiring connections and grounding means for the transformer and enclosure shall be in accordance with the National Electrical Code (NEC) and the Canadian Electrical Code (CEC). Connect wires to the 120V side of the transformer.

For HE150 and HE250, the 15V transformer must provide constant power to the 24V IN terminals.

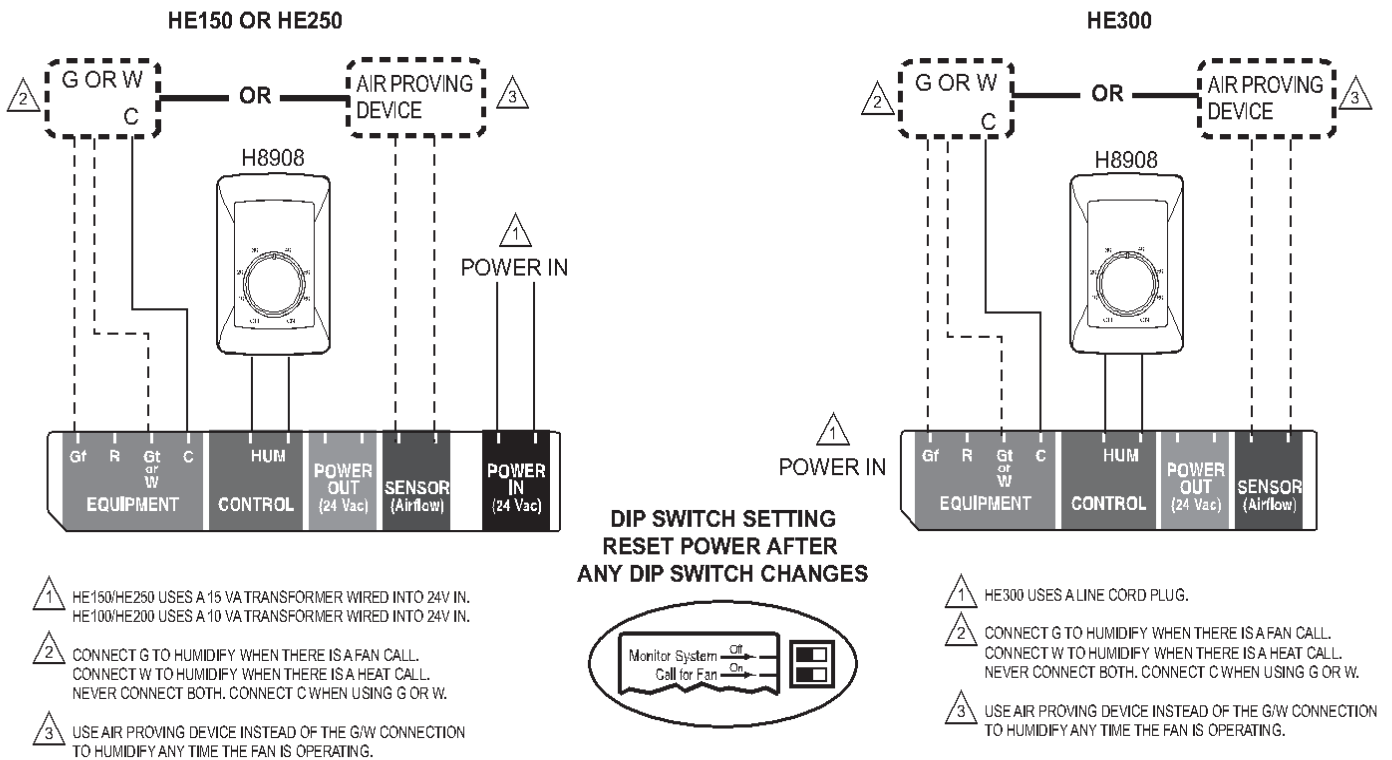
STEP FIVE: Wiring the Humidifier

Use a wiring diagram from the following pages that matches your equipment.

When wiring is complete, run the wires coming out of the humidifier into the wiring clip on the bottom of the humidifier.

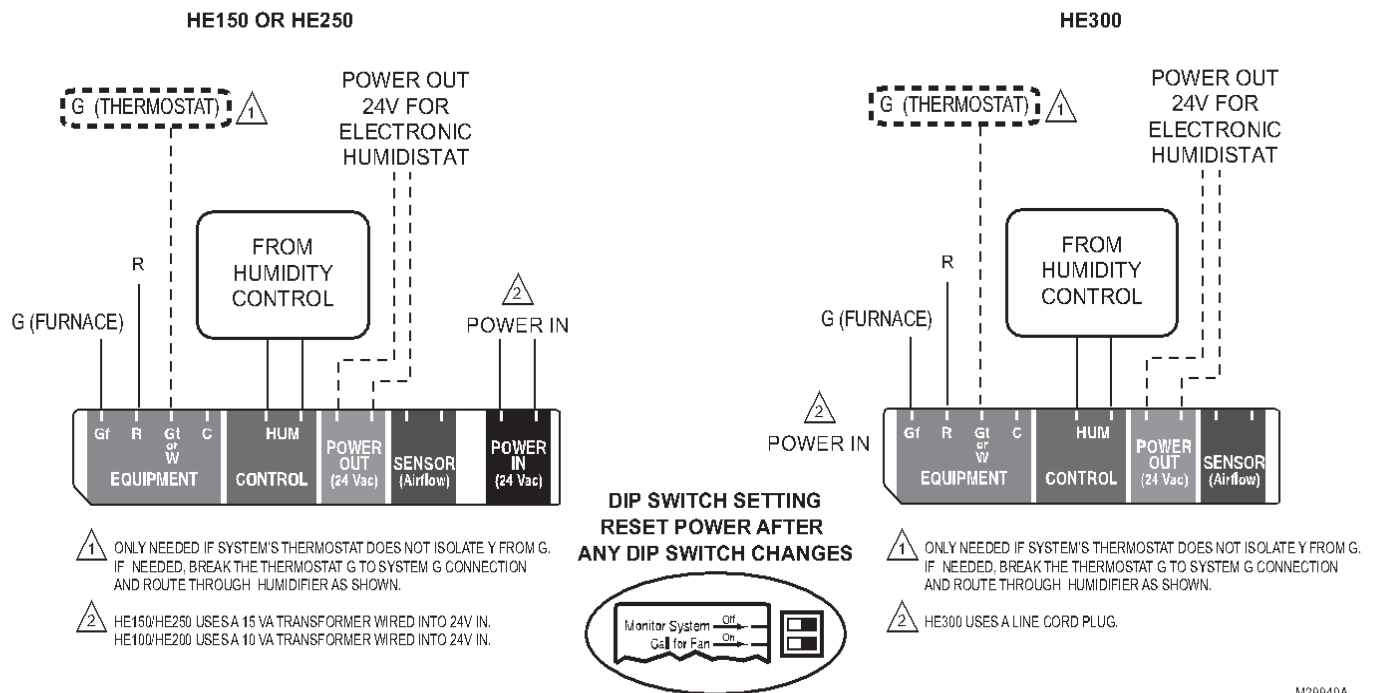
Wiring Configuration: Advanced Models (HE150/HE250/HE300)

Wiring H8908 to humidify only with a call for heat or fan.



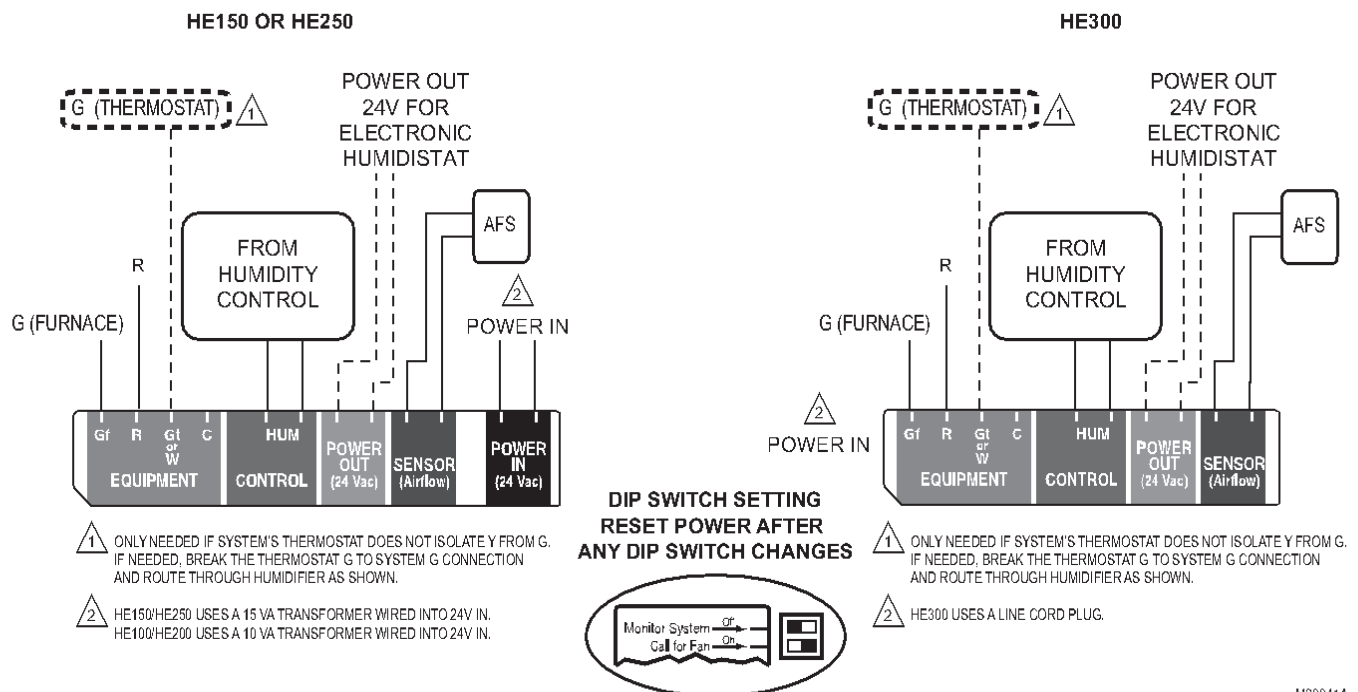
Wiring Configuration: Advanced Models (HE150/HE250/HE300)

Wiring to force the HVAC system fan on whenever humidity is needed (on demand).



M29940A

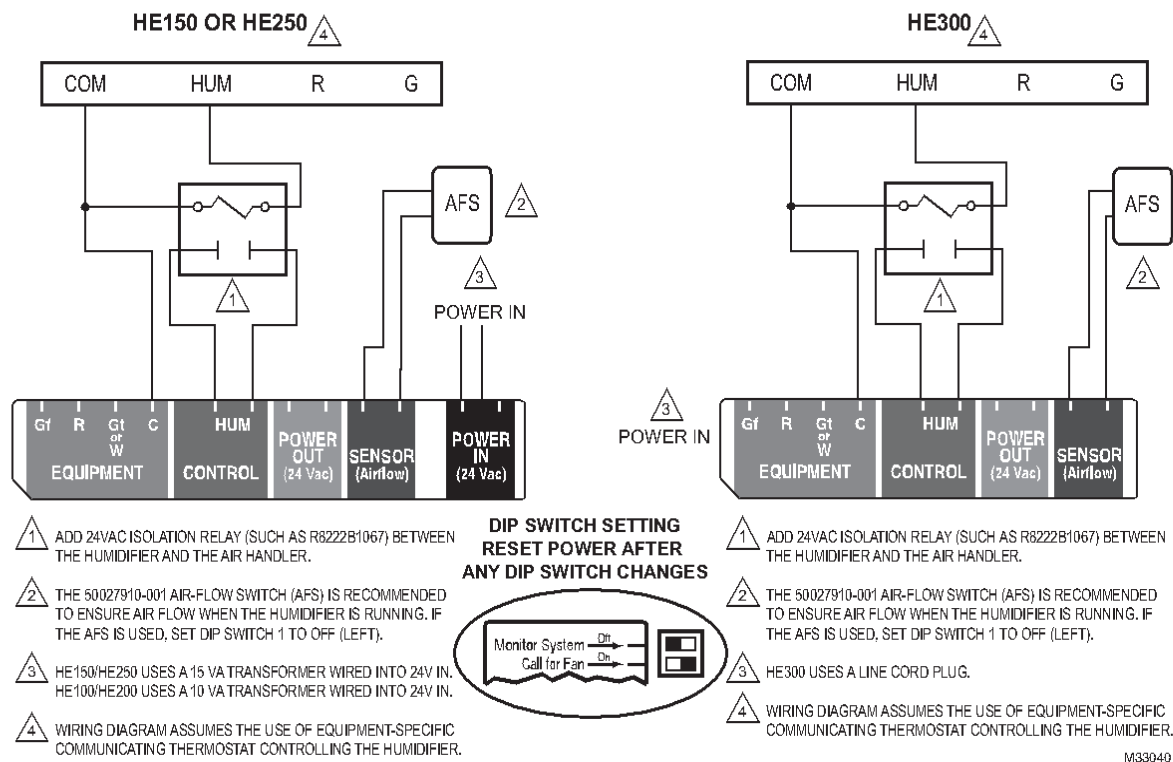
Wiring to force fan on and prove airflow in the duct.



M29941A

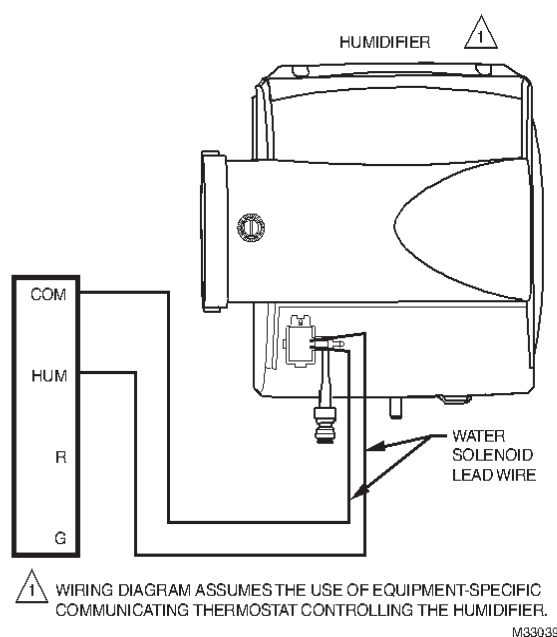
Wiring Configuration: Advanced Models (HE150/HE250/HE300)

Wiring TrueEASE to equipment with powered terminals.



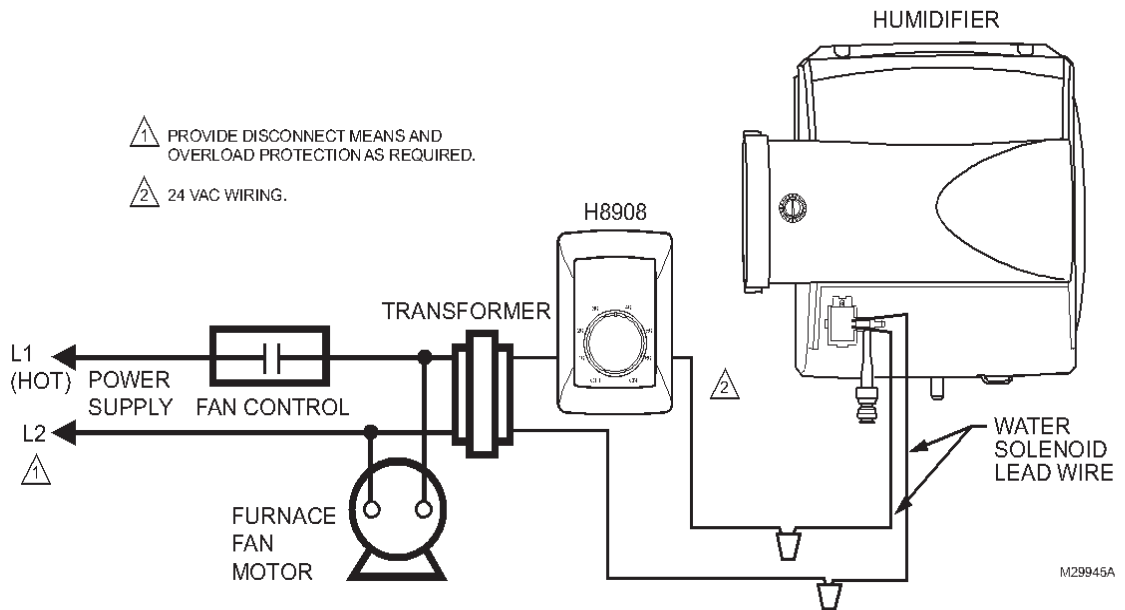
Wiring Configuration: Basic Models (HE100/HE200)

Wiring TrueEASE to equipment with powered terminals.

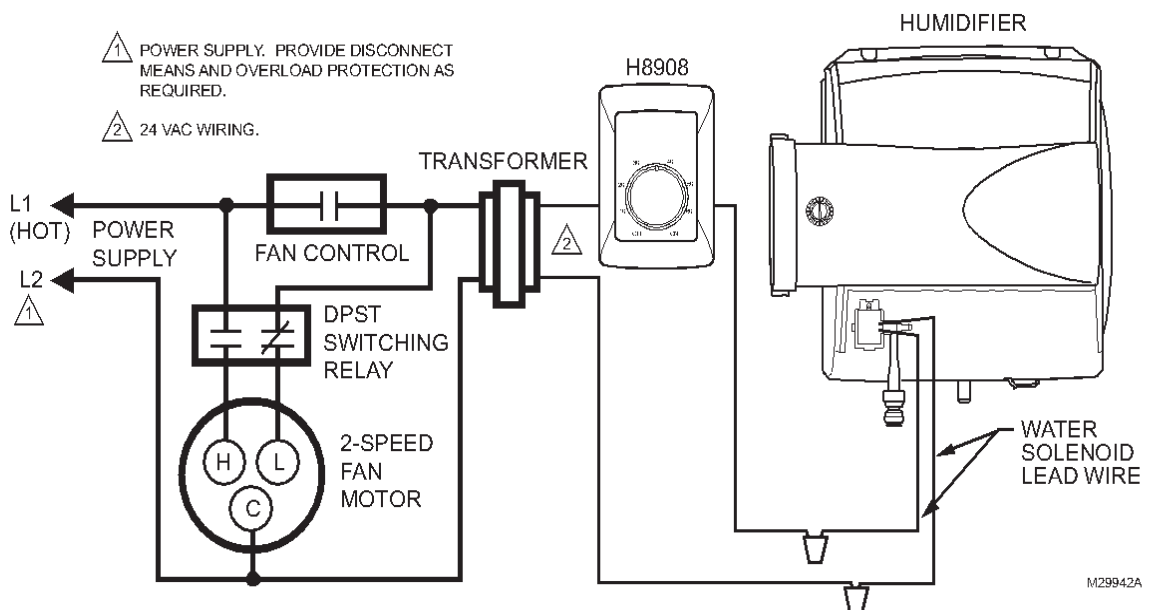


Wiring Configuration: Basic Models (HE100/HE200)

Wiring H8908 with fan interlock.

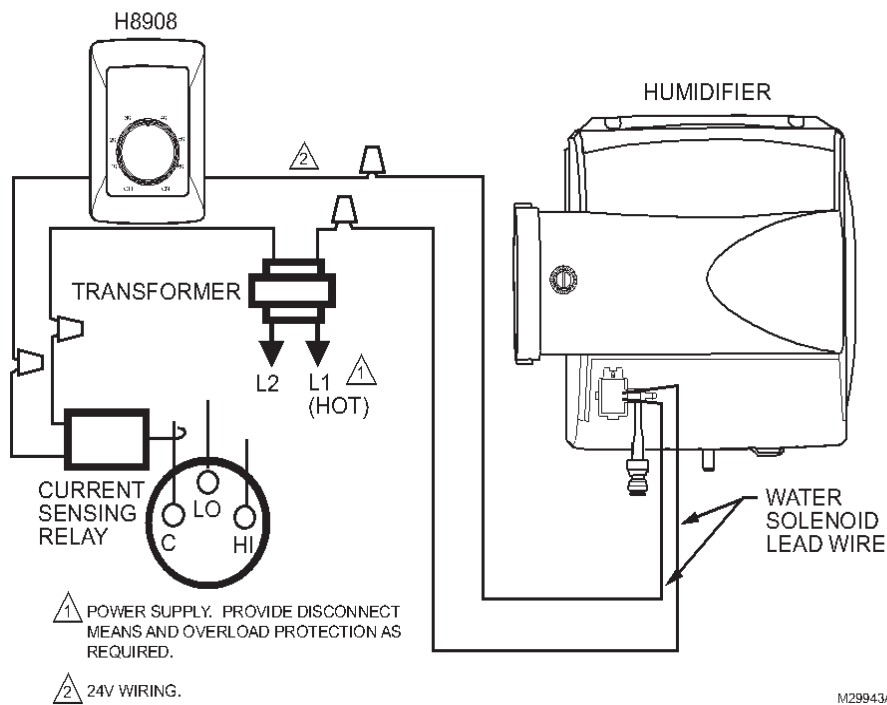


Wiring H8908 with 2-speed fan motor.



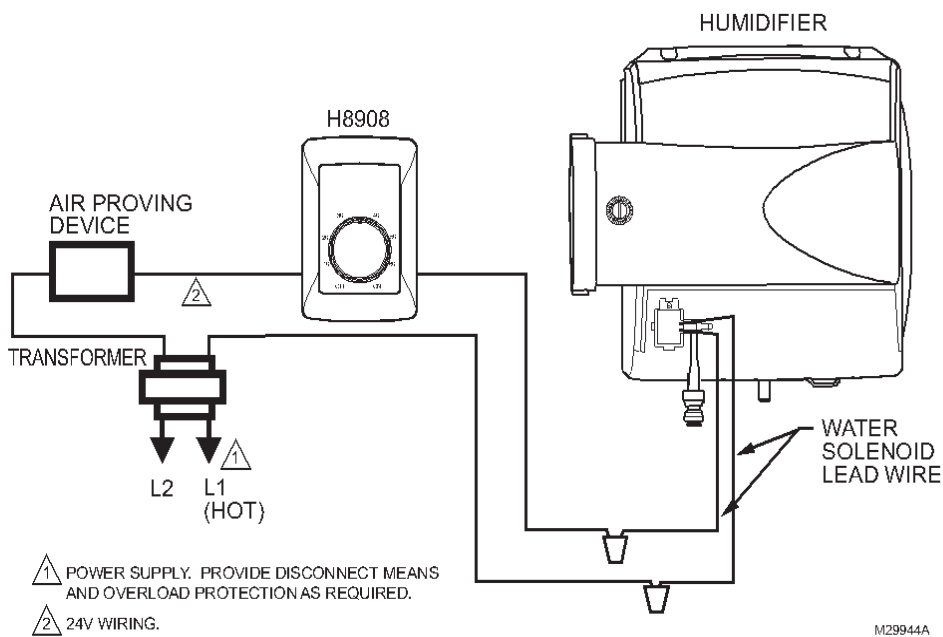
Wiring Configuration: Basic Models (HE100/HE200)

Wiring H8908 with current-sensing relay.



M29943A

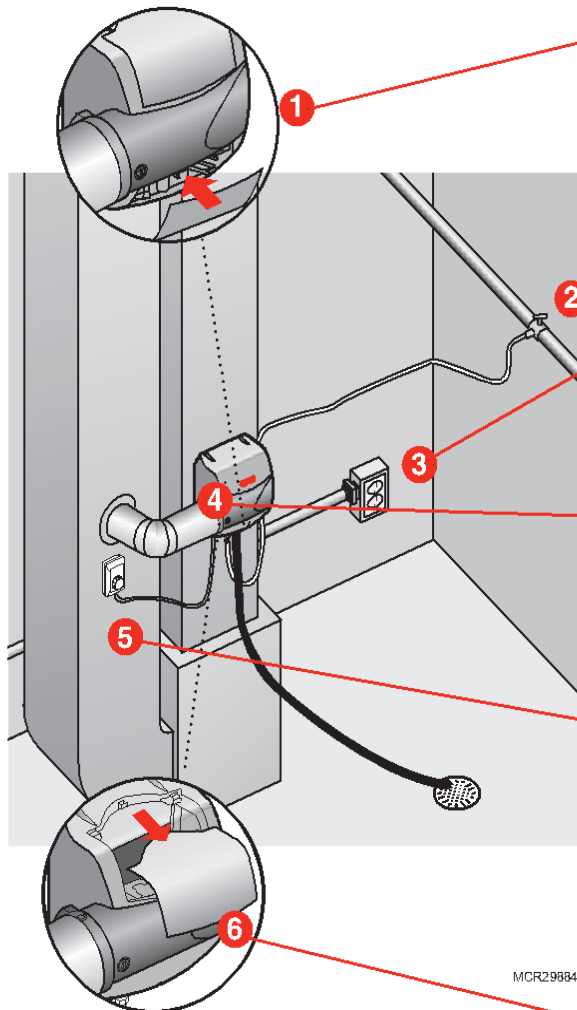
Wiring H8908 in line with air proving device.



M29944A

Startup and Checkout

When installation is complete, follow the steps below. Make sure the humidifier is running properly before turning the system over to the homeowner. Once the humidifier is running, day-to-day operation is automatic. The homeowner can use the control to adjust the humidity levels and turn the humidifier on or off.



1 Snap the bottom cover into place.

2 Turn on the water supply at the saddle valve or T-fitting and manual shutoff valve. Water will flow to the humidifier but will not pass through the pad until the humidity control is turned on.

3 Plug in the humidifier (HE300) or apply HVAC system power (HE100/HE150/HE200/HE250)

- On advanced models, the LED lights will blink for 3-5 seconds to verify that there is system power.

4 On HE100/HE200, turn the Damper Position knob on the bypass outlet so that it is parallel to the bypass outlet. On HE150/HE250, the humidifier does this automatically. Not applicable for HE300.

5 Turn the humidity control to On.

- If your wiring is configured for operation only with heat or fan, make the appropriate system demands to allow humidification.
- Make sure air is blowing through the ductwork with the humidifier call.

6 The Humidifying light will be solidly on when water is flowing through the humidifier pad

- On HE150/HE250 models, remove the humidifier's top cover to verify water flow through the top tray and into the pad. Make sure that the damper rotates open when humidity is on, and rotates closed when humidity is off.
- On HE300 models, verify water is exiting the drain hose.

Check all water line and drain connections to ensure there are no leaks before leaving the job site.

- Check for leaks immediately after turning the main water supply on, and again after 15 minutes of humidifier operation.

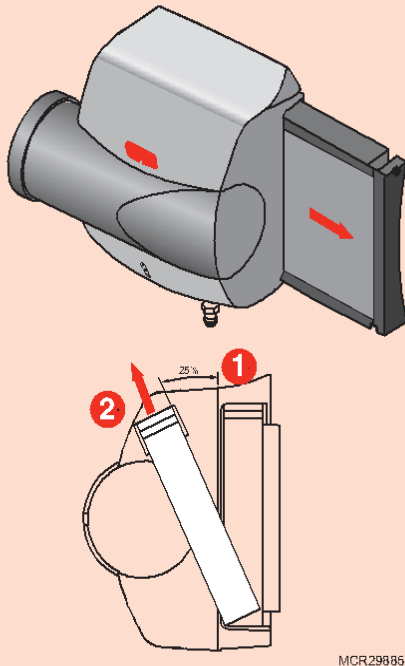
Turn the setpoint to the homeowner's desired level when testing is complete. If humidity is not needed, set the control to Off, and turn the Damper Position knob on the bypass outlet so that it is perpendicular to the bypass outlet (HE100/HE200 only).

Routine Maintenance

It is recommended that the humidifier pad be replaced once per year. This can be done at the beginning or the end of the dry season. The humidifier design makes this annual replacement quick and easy, providing one-step access to the pad.

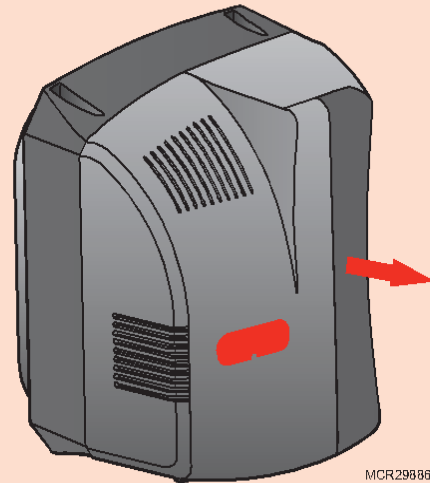
Bypass:

- 1a. Pad can be replaced from the side by gripping the black handle and pulling out, or from the front by removing the humidifier's top cover and rocking the pad forward and out. Humidifier pad might remove from other side of humidifier, depending on installation.



Fan:

- 1b. Pad can be replaced from the front by gripping the black handle and pulling out.



2. Remove tray on top of the pad, and wipe free any sediment present within the tray.
3. Replace the old pad with the new, making sure pad is oriented correctly (see pad box). Wipe free any sediment present inside the pad frame.
4. Reseat the tray on top of the pad with the arrows inside the tray pointing into the duct. Then reinsert the frame into the humidifier.
5. After pad replacement is complete, remove the bottom cover and press the RESET button to reset the maintenance timer.

Troubleshooting

Problem	What To Look For	What To Do
Low humidity	Furnace blower not operating	1. Reset circuit breaker or check for blown fuse. 2. Check that the furnace power is on. 3. Check all external wiring connections. 4. Check the humidity control setting.
	Rapid air changes or drafts	1. Keep doors and windows closed. 2. Close fireplace damper when not in use. 3. Keep exhaust fan running time to a minimum. 4. Seal around doors and windows.
High humidity	Condensation on walls	1. Turn off humidity control and water until condensation is completely evaporated.
	Heavy condensation on windows	1. Turn humidity control down low enough to eliminate condensation caused by moisture. If moisture persists, more ventilation is needed.
Replace Pad light is on (HE150/HE250/ HE300)	This is the yearly maintenance reminder to replace the pad inside the humidifier	1. Refer to the parts list and replace the pad for your humidifier model. 2. Once pad is replaced, press the RESET button under the wire cover.
Service light is on (HE150/HE250)	The damper inside the bypass has failed to open completely	1. Press RESET button under the wire cover. 2. Verify the damper plug is connected on the side of the humidifier the bypass outlet is on. 3. Ensure there is no interference from sheet metal screws that connect the bypass to ducting. 4. If fault persists, replace bypass damper motor.
	Air proving device has detected a lack of air movement Only possible with DIPs configured as: 	1. Check wiring to Air Flow Switch. 2. Confirm DIP switch configuration and wiring on the humidifier is correct. 3. Check location of Air Flow Switch to ensure it is properly placed in duct to detect air. 4. Check switch relays. 5. If fault persists, replace Air Flow Switch.
	Air proving device has detected a lack of air movement Only possible with DIPs configured as: 	1. Check wiring to Air Flow Switch. 2. Confirm DIP switch configuration and wiring on the humidifier is correct. 3. Check location of Air Flow Switch to ensure it is properly placed in duct to detect air. 4. Check switch relays. 5. If fault persists, replace Air Flow Switch.
Service light is on (HE300)	The fan motor has failed	1. Press RESET button under the wire cover. 2. Unplug the humidifier and plug it back in. 3. If fault persists, replace motor assembly.
	Air proving device has detected a lack of air movement Only possible with DIPs configured as: 	1. Check wiring to Air Flow Switch. 2. Confirm DIP switch configuration and wiring on the humidifier is correct. 3. Check location of Air Flow Switch to ensure it is properly placed in duct to detect air. 4. Check switch relays. 5. If fault persists, replace Air Flow Switch.

A: Specifications

Humidifying Capacity

At 120°F (49°C) plenum temperature and 0.20 static pressure drop across supply and return:
HE100/150: up to 12 gallons per day (gpd)
(46 liters per day [lpd])
HE200/250: up to 17 gpd (65 lpd)
HE300: up to 18 gpd (68 lpd)

Humidified Area

HE100/150: Up to 16,000 cubic feet
HE200/250: Up to 20,000 cubic feet
HE300: Up to 24,000 cubic feet

Dimensions

HE100/150: 14.5 in. W x 14 in. H x 10.1 in. D
(368 mm W x 356 mm H x 257 mm D)
HE200/250: 15 in. W x 17.15 in. H x 10.1 in. D
(381 mm W x 436 mm H x 257 mm D)
HE300: 15.5 in. W x 16.8 in. H x 10.3 in. D
(394 mm W x 427 mm H x 262 mm D)

Humidifier Pad Dimensions

HE100/150: 9-1/2 in. W x 9-13/16 in. H x 1-1/2 in. D
(241 mm W x 249 mm H x 38 mm D)
HE200/250: 10 in. W x 13 in. H x 1-1/2 in. D
(254 mm W x 330 mm H x 38 mm D)
HE300: 10 in. W x 13 in. H x 1-1/2 in. D
(254 mm W x 330 mm H x 38 mm D)

Static Pressure

HE100/150/200/250: Supply plenum static pressure no greater than .3 in. w.c.
HE300: Supply plenum static pressure no greater than .4 in. w.c.

Plenum Opening Dimensions

HE100/150: 9-5/16 in. W x 9-7/16 in. H (238 mm W x 241 mm H)
HE200/250: 9-3/4 in. W x 12-5/8 in. H (248 mm W x 321 mm D)
HE300: 13-1/2 in. W x 14-1/16 in. H (343 mm W x 357 mm D)

Bypass Duct Opening Dimensions (HE100/150/200/250)

6 in. (152 mm)

Operating Ranges

34°F–90°F (1.1°C–32°C)
Humidity: 0–95% RH, non-condensing

Drain Fitting

1/2 in. (13 mm) I.D. plastic hose connected directly to drain fitting on unit.

Electrical Ratings and Tolerances

HE100/200: 24VAC, 60 Hz, 0.5 A maximum
HE150/250: 24VAC, 60 Hz, 0.75 A maximum
HE300: 120VAC, 60 Hz, 1 A maximum

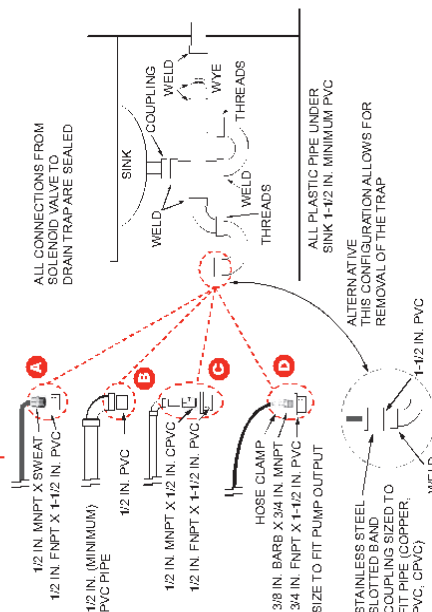
B: Advanced Draining

Option 1: Plumbing to drain with condensate pump.



- Pump with (140°F temperature rating, > 5 GPH pump flow rate, with 9-foot rise).
- Pump must be powered when humidifier is operating.
- Use a pump with a built-in overflow sensor or install the pump in a drip pan with wet switch wired to turn off humidifier.

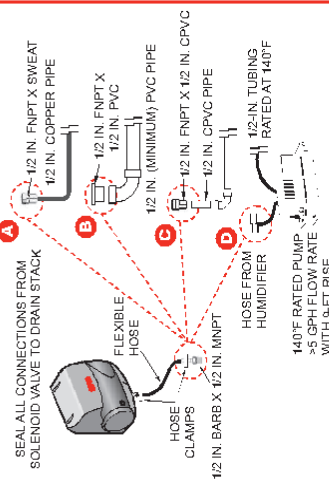
Option 3: Plumbing to sink with a dedicated trap.



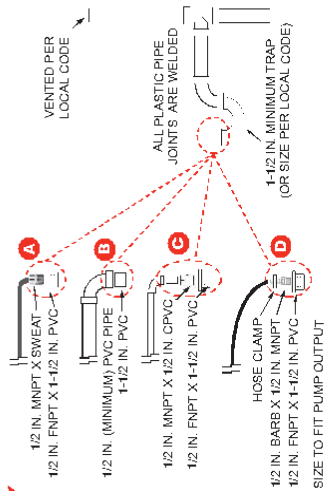
FOR ALL OPTIONS SHOWN:

- Support rubber hose every 8 in.
- PVC must be schedule 40 or higher rating.
- All plastic pipe joints are welded.
- Drain into a P-trap that will remain wetted at all times.

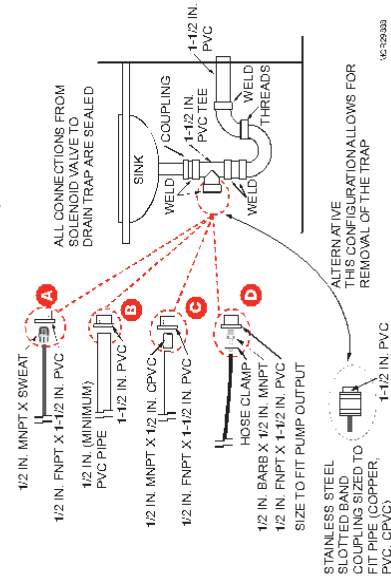
Connect to humidifier. Common to all plumbing options.



Option 2: Plumbing to a dedicated trap.



Option 4: Plumbing to sink trap.



C: Parts List

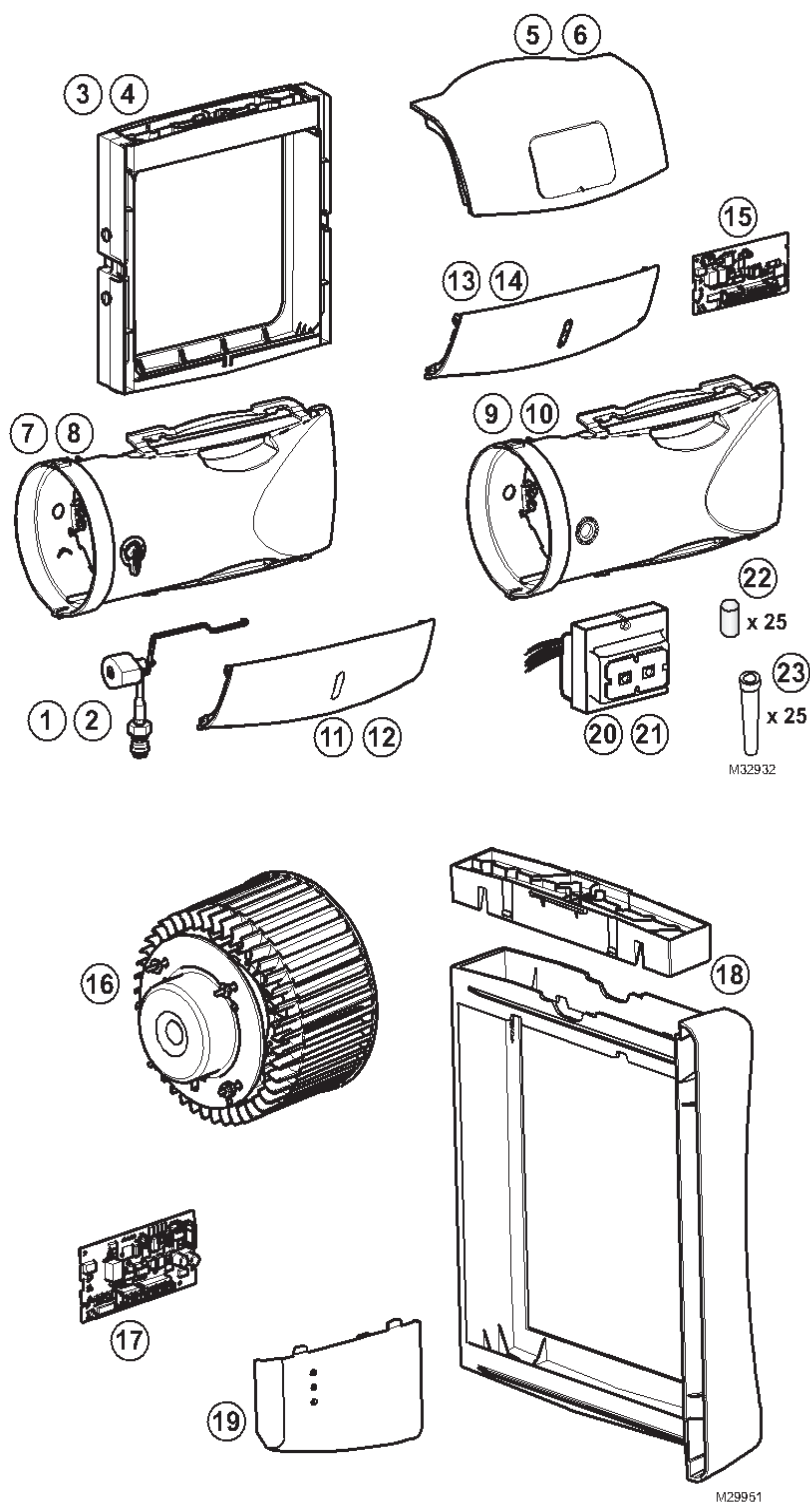


Figure Reference	Part Number	Part Description	Use With Model
N/A	HC26E1004	Large AglON coated replacement pad	HE200, HE250, HE300
N/A	HC26A1008	Large standard replacement pad	HE200, HE250, HE300
N/A	HC22E1003	Small AglON coated replacement pad	HE100, HE150
N/A	HC22A1007	Small standard replacement pad	HE100, HE150
N/A	32001616-001	Saddle valve	HE100, HE150, HE200, HE250, HE300
1	50041883-002	AC Solenoid valve	HE100, HE200
2	50041883-001	DC Solenoid valve	HE150, HE250, HE300
3	50041861-001	Frame and tray assembly for small bypass model	HE100, HE200
4	50041861-002	Frame and tray assembly for large bypass model	HE150, HE250
5	50052641-001	Top cover for small bypass model	HE100, HE150
6	50052641-002	Top cover for large bypass model	HE200, HE250
7	50041888-001	Small bypass duct with manual damper	HE100
8	50041888-002	Large bypass duct with manual damper	HE200
9	50041890-001	Small bypass duct with automatic damper	HE150
10	50041890-002	Large bypass duct with automatic damper	HE250
11	50041886-001	Bottom cover for small basic bypass model	HE100
12	50041887-001	Bottom cover for large basic bypass model	HE200
13	50052642-001	Bottom cover for small advanced bypass model	HE150
14	50052642-002	Bottom cover for large advanced bypass model	HE250
15	50057547-002	HE150 circuit board	HE150
	50057547-003	HE250 circuit board	HE250
16	50045729-001	Blower and motor assembly with isolator	HE300
17	50057547-001	HE300 circuit board	HE300
18	50041919-001	Frame and tray assembly for fan model	HE300
19	50052653-001	Wire terminal cover for fan model	HE300
20	32001652-001	10V transformer	HE100, HE200
21	50050349-001	15V transformer	HE150, HE250
22	50032048-002	Qty 25 Residential humidifier quick connect adapter	HE100, HE150, HE200, HE250, HE300
23	32001647-001	Qty 25 Residential humidifier cone screen filter	HE100, HE150, HE200, HE250, HE300

Automation and Control Solutions

Honeywell International Inc.

1985 Douglas Drive North

Golden Valley, MN 55422

<http://yourhome.honeywell.com>

Honeywell

© U.S. Registered Trademark
© 2011 Honeywell International Inc.
69-2413EF—05 M.S. Rev. 07-11
Printed in U.S.A.