

does not have trap at its lowest point.

nozzle is not pitched up.

D Horizontal run does not have minimum pitch of 2 in. per ft. Sharp hose bends. Downward pitch

Sharp hose bends. Does not have at least 6 in. vertical rise immediately out of humidifier, and

B Sharp hose bends. Hose not continuously supported at least every 12 in., resulting in hose sag.

OPEN FOR STEP-BY-STEP INSTRUCTION

Water in elbow.

Clamps

pitch of 2 in. per ft.

Minimum upward

Provide a 212°F rated Tee at the lowest point.

Downward slope can not be more than 3 ft

Do not use plastic Tee.

below humidifier steam outlet.

upward pitch.

every connection.

Hose clamps at

Nozzle at

and maximum temperature codes for drain pipe size

.ni 2 muminiM

If hose slopes downhill...

Sharp hose bends. Horizontal run does not have minimum pitch of 2 in. per ft.

AVOID THESE COMMON MISTAKES

hose length is 20 ft. maximum remote

HM509 and HM512

remote hose length is 10 ft.

provided hooks. hose every 12 in. using Otherwise, support

perforated angle iron.

On straight runs, use

and bends.

REQUIREMENTS FOR PROPER INSTALLATION

Avoid sharp kinks

every connection.

Hose clamps at

mumixem 802MH •

vertical rise.

spuad pue.

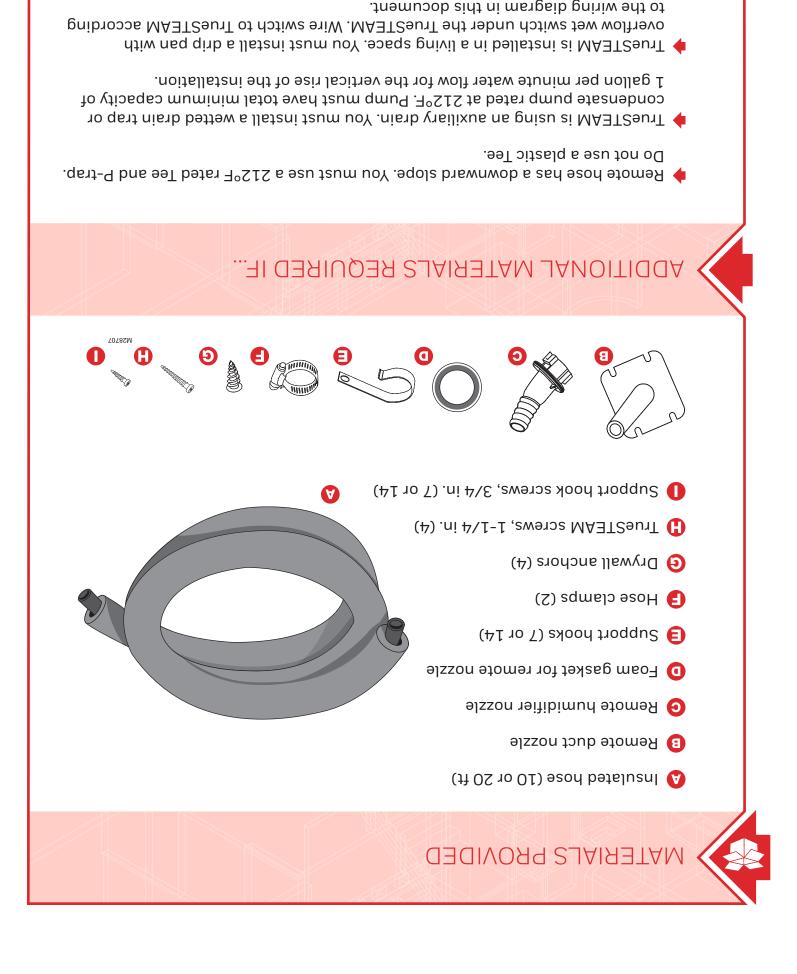
6 in. of straight

Avoid sharp kinks

pitch of 2 in. per ft.

Minimum upward

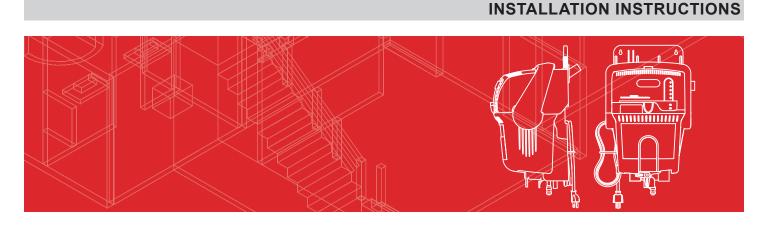
upward pitch. Yozzle at



Honeywell Home

TrueSTEAM[™] Remote Mount Kit





READ THIS BEFORE BEGINNING REMOTE INSTALLATION NON-COMPLIANCE WILL VOID WARRANTY

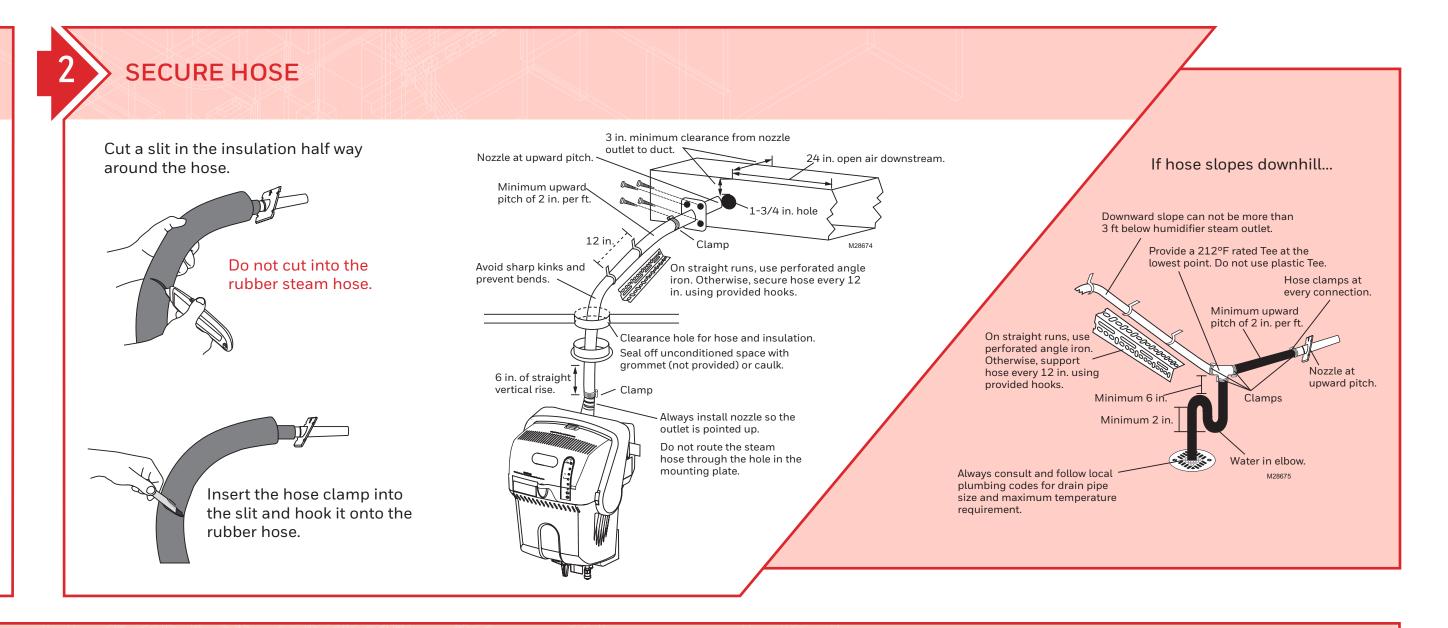
- HM506 maximum remote hose length is 10 ft. HM509 and HM512 maximum is 20 ft. For best performance, mount the humidifier as close as possible to the remote nozzle location.
- ▶ Horizontal installation **MUST** have upward pitch of ▶ Attach the remote humidifier nozzle so it directs at least 2 IN. PER FT.
- Remote hose must be supported to prevent sags. Where there are long, straight runs, 1-1/2 in. x 2-1/4 in. perforated metal angle is recommended to provide continuous support under the hose. Other rigid materials, such as 2x4 lumber, may also be used to continuously support the hose.
- Never support the hose by attaching it to PVC pipe or other materials that may sag over time, or materials that cannot support the weight of the hose.
- Where it is not possible to provide continuous support, anchor the hose every 12 inches by securing it to a rigid support using the support hooks provided.
- Use the provided insulated hose to sustain output efficiency.

- Never make sharp bends in the steam hose, as this will cause kinks. Pay particular attention when routing the steam hose around rafters or joists and avoid sharp bends and kinks in these areas.
- the hose upward. Do not attempt to route the hose through the hole in the mounting bracket.
- Down sloping remote hose must have a drain with a wetted trap installed at the lowest point. Use a Tee that is rated for continuous use for steam. Do not use a plastic Tee and do not use more than one downward slope.
- ALWAYS inspect the hose installation after the humidifier has been operating for at least one hour to confirm that there are no sags or leaks. Note that the hose gets softer after it heats up so sags may develop after the initial installation.
- Install drain line according to the instructions on the next page.
- Install a drip pan with a wet switch under the humidifier when installed in finished spaces.



manufactured by Residen Technologies Inc. Golden Valley MN: 1-800-468-1502

MOUNTING Remote Adapter Nozzle: Always pitch upward. Use provided anchors if mounting to drywall or plaster. TrueSTEAM **TERMINAL** Diversitech WS-1 wet DIP 5 switch wiring If humidifier is in finished space, always install a drip pan with wet switch. Honeywell Home recommends Diversitech WS-1 (wiring shown here).

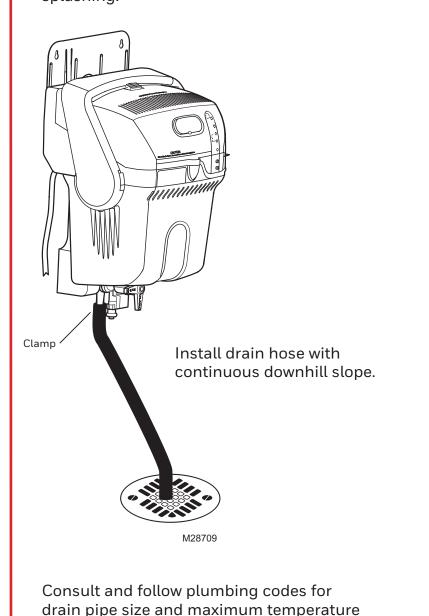


PLUMBING TO FLOOR DRAIN Ideal for Installation

Draining water may be hot.

requirement.

Direct and secure the hose outlet into the floor drain to reduce risk of hot water pooling or splashing.



3_B

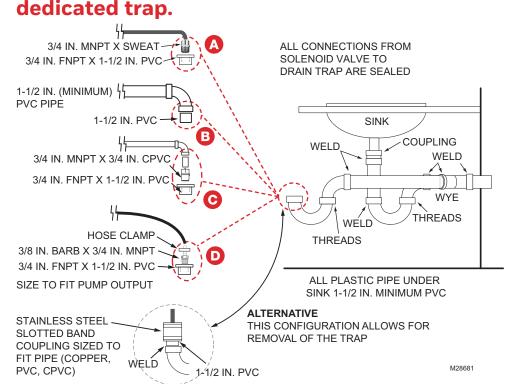
OTHER PLUMBING OPTIONS

Choose the plumbing option that suits your installation. Use A, B, C, or D based on type of pipe or condensate pump. Consult and follow local plumbing codes in addition to these instructions.

Option 1: Plumbing to drain with condensate pump. RATED AT 212°F HOSE FROM TrueSTEAM ALTERNATIVE 3/4 IN. FNPT X 3/4 IN. CPVC ←3/4 IN. CPVC PIPE HOSE CLAMPS AT ALL CONNECTIONS

- Use Hartell A3X-115 condensate pump or equivalent (212°F temperature rating, > 1 GPM pump flow rate).
- Pump must be powered when TrueSTEAM 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 TrueSTEAM.

Option 3: Plumbing to sink with a dedicated trap.



FOR ALL OPTIONS SHOWN:

- Support rubber hose every 6 in.
- PVC must be schedule 40 or higher rating.
- All plastic pipe joints are welded.

SEAL ALL CONNECTIONS FROM

SOLENOID VALVE TO DRAIN STACK

HOSE

1/2 IN. BARB X 3/4 IN. MNPT

CLAMPS

FLEXIBLE

HOSE FROM

TrueSTEAM

212°F RATED PUMP

• Drain into a P-trap that will remain wetted at all times.

Connect to TrueSTEAM.

Common to all plumbing options.

3/4 IN. FNPT X SWEAT

3/4 IN. COPPER PIPE

1-1/2 IN. PVC

3/4 IN. FNPT X 3/4 IN. CPVC

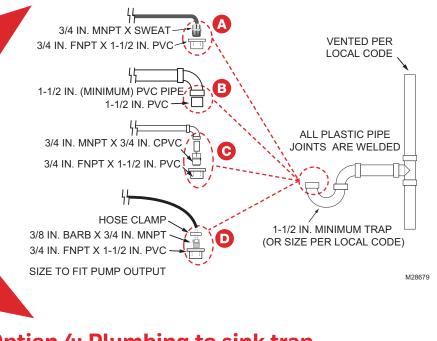
3/8-IN. TUBING RATED AT 212°F

1-1/2 IN. (MINIMUM) PVC PIPE

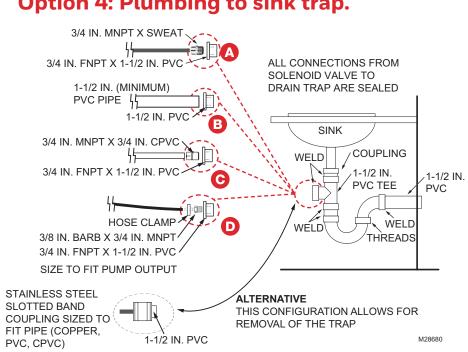
3/4 IN. FNPT X

3/4 IN. CPVC PIPE

Option 2: Plumbing to a dedicated trap.



Option 4: Plumbing to sink trap.



COMPLETING TRUESTEAM INSTALLATION

Refer to TrueSTEAM Installation Guide (#69-2285) to complete wiring and checkout.