TrueSTEAM™
Humidification System

An Enhanced Design With
Proven Reliability

THERMOSTATS │ ZONING │ AIR CLEANERS │ HUMIDIFIERS │ DEHUMIDIFIERS │ ULTRAVIOLET SYSTEMS │ VENTILATION │ WATER

The Truth About Humidification Delivery

Many whole-house humidifier manufacturers list humidification capacity in gallons per day (GPD), or the amount of moisture they can deliver in a 24 hour period. But how do you know which ones really work and if a home is getting enough moisture?

Comparing humidification delivery is a great place to start.

Typically, the GPD claim is based on a home's heating equipment running 100 percent of the time, for 24 hours a day at 120°F. Since most humidifiers only work when equipment is running (and no equipment runs full-time), they rarely deliver more than 1 gallon of moisture for every three gallons that they claim. Plus, for every one gallon of water that is evaporated, three gallons go down the drain.

TrueSTEAM offers the most reliable, efficient levels of moisture because of its near 1:1 humidification delivery rate, regardless of equipment operation.

TYPE OF HUMIDIFIER	HUMIDIFICATION DELIVERY RATE	
Honeywell TrueSTEAM™*	(1:1)	Claim: 12, Delivery: 12, Consumption: 12
Fan-Powered Humidifiers**	(1:3)	Claim: 18, Delivery: 6, Consumption: 24-72
Bypass Humidifiers**	(1:4)	Claim: 12, Delivery: 3, Consumption: 12-48

* Does not include auto-flush cycle.
** Humidification delivery rate not applicable for Honeywell TrueEASE advanced bypass or TrueEASE fan powered humidifiers that feature water savings technology.

The New TrueSTEAM™ –
the next generation of humidification systems from Honeywell.

TrueSTEAM™ Humidification

Designed For Today's Equipment.
The world of heating and cooling equipment is vastly different today than it was even a few years ago, with the trend towards high-efficiency, variable speed, dual-fuel and heat pump systems. Because of how these systems operate, yesterday's humidifiers often fail to deliver the humidification that your homeowners desire. The redesigned TrueSTEAM provides the solution, a humidification system that operates independently from the equipment.

Here's Where TrueSTEAM™ Delivers

Breakthrough Technology
TrueSTEAM takes the best features from current steam humidifiers with their efficiency, performance and decreased water consumption, and combines it with the ease of installation, reliability and value of flow-through humidifiers. TrueSTEAM is different from others because it operates independent of equipment operation. With its near 1:1 humidification delivery rate, TrueSTEAM delivers the right amount of humidification to keep your customers satisfied.

Limitless Installation Opportunities

TrueSTEAM can be remotely mounted up to 20 feet away from the system with remote-mount kit, making humidification possible in homes where it was once thought impossible.

TrueSTEAM™ Humidification System

Simplified Mounting – Requires only a 1-3/4" cut into ductwork and mounts on a separate, lightweight bracket (included) for accurate leveling.

Application Flexibility – Can be remotely mounted up to 20 feet from the system.

Easy Maintenance – No tools required to access and clean tank, which can save time on your annual contract service calls.

Independent Operation – Provides humidity independent of equipment operation, allowing homeowners to reach their desired humidity setpoints regardless of air temperature.

Incoloy 600 Heating Element – A material designed to limit mineral build-up.

Quick Connect – Integrated plumbing allows you to connect the plumbing in a single step by attaching the hose to the quick connect gasket.

Exclusive Support – Honeywell supports you with a 5-year warranty, a toll-free hotline (1-800-814-9452), local experts, training, free literature, Contractor PRO℠ rewards and more.

NEW! Fail-Safe Water Sensing – Multiple sensors (two low, two high and one ideal) sit in a separate compartment to accurately monitor water levels.

NEW! Common-Sense Interface – LED lights indicate when system is running or needs service. Lights also provide feedback to the installer during installation.

Patented* Condensate Collect Dome and Nozzle – Prevents water from condensing out of the unit, delivering only true steam into the airflow.
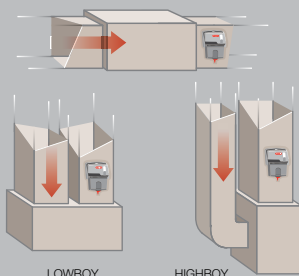
Universal Wiring – Moving control to the Prestige™ HD via the wireless adaptor eliminates need to wire TrueSTEAM into the HVAC equipment.
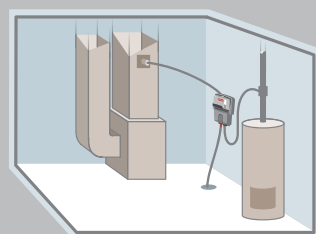
Clean, Professional Installation – Push terminals for easy wiring (no screwdriver required) are routed through an interior harness so no wires are exposed.

Dual-Action Water Valve – Solenoid design automatically fills and drains when needed to inhibit debris build-up in the tank.
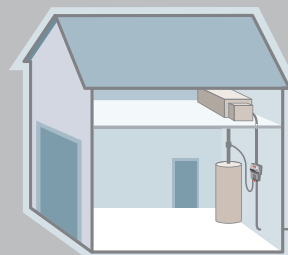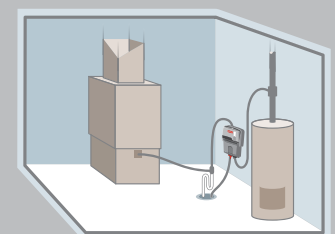
* Patent pending

LOWBOY   HIGHBOY

Duct Direct-Mount   Mechanical Room Remote-Mount   Attic Remote-Mount   Down-Flow Remote-Mount

TrueSTEAM™ Humidification System	
Part Number	**Description**
HM512VPIAQ	12-GPD TrueSTEAM™ with VisionPRO® IAQ control
HM512H8908	12-GPD TrueSTEAM™ with H8908 manual control
HM509H8908	9-GPD TrueSTEAM™ with H8908 manual control
HM506H8908	6-GPD TrueSTEAM™ with H8908 manual control

TrueSTEAM™ Humidification System Kits	
Part Number	**Description**
YHM506HRO1	TrueSTEAM 6-gallon with H8908 manual control. Includes 6-Gallon TrueSTEAM™Humidifier, H8908 humidistat, and RO Filter Kit
YHM509HRO1	TrueSTEAM 9-gallon with H8908 manual control. Includes 9-Gallon TrueSTEAM™Humidifier, H8908 humidistat, and RO Filter Kit
YHM512HRO1	TrueSTEAM 12-gallon with H8908 manual control Includes 12-Gallon TrueSTEAM™Humidifier, H8908 humidistat, and RO Filter Kit
YHM512VRO1	TrueSTEAM 12-gallon with VisionPRO IAQ control. Includes 12-Gallon TrueSTEAM™Humidifier, VisionPRO IAQ, and RO Filter Kit

Controls	
Part Number	**Description**
YTHX9421R5051	Prestige® HD IAQ Thermostat, Equipment Interface Module and Two Return/Discharge Air Temperature Sensors
YTHX9421R5069	Prestige® HD IAQ Thermostat, Equipment Interface and Wireless Outdoor Sensor and Two Return/Discharge Air Temperature Sensors
YTHX9421R5077	Prestige® HD IAQ Thermostat, Equipment Interface Module, Potable Comfort Control, Wireless Outdoor Sensor and Two Return/Discharge Air Temperature Sensors
THX9321R5030	Prestige® HD Thermostat
YTHX9321R5079	Prestige® HD and Wireless Outdoor Sensor
YTHX9321R5061	Prestige® HD, Portable Comfort Control and Wireless Outdoor Sensor
DG115EZIAQ	TrueIAQ® Digital Control

Accessories	
Part Number	**Description**
C7189R1004	Wireless Indoor Sensor
C7089R1013	Wireless Outdoor Sensor
REM5000R1001	Portable Comfort Control
THM6000R1002	RedLINK™ Internet Gateway
H8908ASPST	Manual Humidistat
THM4000R1000	Wireless Adapter
50024917-001	10' remote-mount kit
50024917-002	20' remote-mount kit
50045947-001	RO Water Filter with Storage Tank
50045947-002	RO Water Filter with Storage Tank and Water Pump
50046086-001	Filter Replacement Kit Includes #1 and #2 Filters

Control Options

Choose the humidity control option that is right for your customer. TrueSTEAM humidification systems can be controlled using:

Prestige® 2.0 and Prestige® IAQ 2.0 Wireless Controls - Plug and Play

Finally - universal installation regardless of equipment brand or type. Because TrueSTEAM is now wireless, there's no need to decipher complex wiring from the humidifier to the furnace board. Simply connect TrueSTEAM to the Wireless Adapter and press 'Connect'. The adaptor communicates wirelessly with Prestige to control humidity, fan airflow and temperature. Adding a RedLINK Enabled Internet Gateway allows your customer to control the Prestige, humidifier and alerts remotely from their computer, tablet or smart phone device.

Configuration Options:

All options can be configured during installer setup.

Automatic Flushing Cycle Options:
After 10, 20 or 30 hours of operational humidifying time.

Auto End-Of-Season Shutdown Options:
Will empty tank after 48 hours of inactivity.

Service Timer Options:
Light indicator can blink to clean tank every 12 months.

The Importance of Testing Water Quality

The first step of selling and installing humidification systems is testing the home's water quality. The performance of any type of humidification system is dependent on the hardness of water that's being used to operate it. Typically, the harder the water, the more scale and sediment build up inside the humidifier – which can affect overall operation. This is why we highly recommend testing water hardness prior to installing TrueSTEAM. For applications where it makes sense, consider a Honeywell Reverse Osmosis Water Filtration System, which work to reduce the hardness and/or increase the water pressure in the home.

Wireless TrueSTEAM is also compatible with conventionally wired thermostats.

Honeywell