

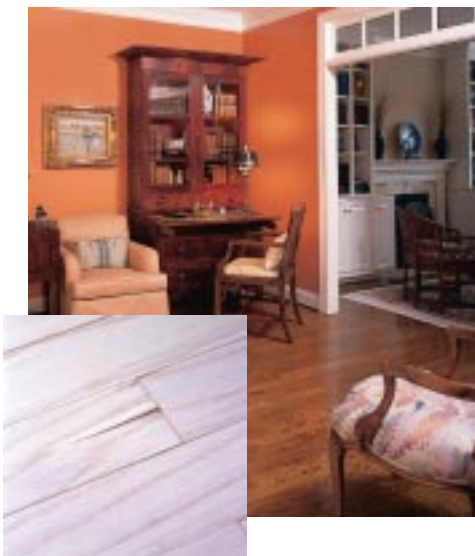


Whole-House Humidifiers



engineered humidification systems

Whole House Humidifiers

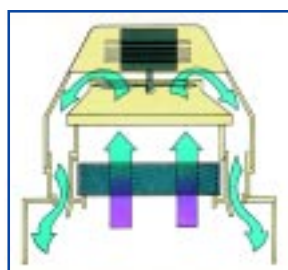


Protect your customers and their belongings with a Herrmidifier humidifier

Would you believe the average home is drier than the Sahara Desert? The typical heated home's relative humidity is less than 15% during the winter months, while the Sahara is 25%. That dry air can cause health concerns, higher energy bills and permanent damage to wood furniture, kitchen cabinets, molding and flooring. A Herrmidifier whole-house humidifier eliminates all of those problems because it keeps the relative humidity where it should be, between 35% and 55%.

Herrmidifier humidifiers feature these benefits:

- Durable, high-quality, rust-resistant cabinet housing
- Easy maintenance
- Versatile mounting options
- Ability to flush away minerals and solid residues trapped in the humidifier
- Two-year warranty



Evaporative Humidifiers

How Herrmidifier Evaporative Humidifiers Work

Evaporative humidifiers are installed onto a furnace where warm, dry air is forced across moist evaporator pads, releasing moisture into the home. Adjustable, precision-made humidistats allow for optimal relative humidity control.



Herrmidifier G-100 Power Bypass Humidifier		
GPD	Return	Supply
140°F	-	24.0
120°F	-	19.0
100°F	-	14.5

Duct Mounting: Supply
Unit Size: 13" x 11 1/2" x 18 3/4"
Voltage: 120V
Duct Opening: 12 1/4" x 15 1/4"
Shipping Weight: 18 lbs.

Features and Benefits

- Wall or duct mount humidistat
- Power cord with 3-prong grounded plug
- 120V to 24V Transformer
- 2" evaporator pad increases performance
- 120V/60Hz/2.0 Amp motor
- Self-piercing saddle valve
- Mounts on 14" sheet metal or fiberglass duct (w/kit)
- Cleanable/replaceable internal water filter protects solenoid
- Motor cap for easy access to wiring
- 2-Year Warranty



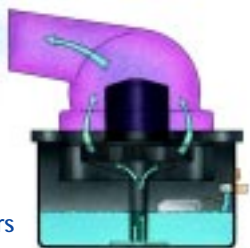
Herrmidifier G-200/300 Bypass Humidifier		
GPD	Supply	Return
140°F	18.7/23.3	16.1/20.0
120°F	14.4/18.0	12.4/15.4
100°F	9.5/12.8	8.2/11.0

Duct Mounting: Return or Supply
Unit Size: 11 1/2" x 9 1/2" x 16"
Voltage: 120V
Duct Opening: 8 5/8" x 10 3/4"
Shipping Weight: 10 lbs.

Features and Benefits

- Wall or duct mount humidistat
- 120V to 24V Transformer
- Right- or left-hand discharge without disassembly
- Single screw secures cover
- 2" evaporator pad increases performance
- Self-piercing saddle valve
- Mounts on 10" duct
- Brass solenoid
- Cleanable/replaceable internal water filter protects solenoid
- Wide 1 1/2" collar
- 2-Year Warranty

Atomizing Humidifiers



How Herrmidifier Atomizing Humidifiers Work

There are two basic types of humidifiers available: atomizing and evaporative. Atomizing humidifiers can be installed on a supply duct or return duct, depending on the model design. Using a home's water supply, they emit a fine mist into the duct via a spray nozzle. This invisible moisture flows through the home to increase relative humidity levels.



Herrmidifier 50 Mister		
GPD	Return	Supply
140°F	-	11.0
120°F	-	11.0
100°F	-	-

Duct Mounting: Supply
Unit Size: 6" x 2³/₄" x 6" diameter
Voltage: 24V, 120V
Duct Opening: 5" x 5³/₈"
Shipping Weight: 3 lbs.

Features and Benefits

- Self-piercing saddle valve
- Wire mounting bracket makes installation easy
- All brass valve assembly with stainless steel seat
- Aluminum dome assembly
- Not recommended for heat pumps
- Patented multi-position adjustable nozzle assembly
- Tilt-out mounting
- 2-Year Warranty



Herrmidifier 707SM		
GPD	Return	Supply
140°F	6.0 max	-
120°F	6.0 max	-
100°F	6.0 max	-

Duct Mounting: Supply
Unit Size: 10¹/₂" diameter
Voltage: 120V, 240V
Duct Opening: 3³/₈"
Shipping Weight: 9-11 lbs.

Features and Benefits

- Wall or duct mount humidistat
- Self-piercing saddle valve
- 10" plastic water tubing
- 75 GPH, 60°, hollow cone nozzle
- Low power consumption
- Mounts under a horizontal return duct
- 120V / 60Hz / .80 Amp thermally protected motor
- 2-Year Warranty



Herrmidifier 465-C1 Drum Bypass		
GPD	Return	Supply
140°F	22.5	17.1
120°F	16.5	12.4
100°F	10.6	7.8

Duct Mounting: Return or Supply
Unit Size: 14³/₄" x 11" x 11¹/₂"
Voltage: 24V
Duct Opening: 7⁵/₈" x 4⁵/₈"
Shipping Weight: 14 lbs.

Features and Benefits

- Wall or duct mount humidistat
- Self-piercing saddle valve
- Right- or left-hand discharge without disassembly
- All brass valve assembly with stainless steel seat
- Stainless steel cage assembly resists rust
- Observation window in front door provides easy pad inspection
- 24V / 60Hz / 3.0 watt motor
- 7" flange and damper
- Externally held evaporative media
- Independent mounting bracket
- 2-Year Warranty



Herrmidifier 447-C1 Drum Bypass		
GPD	Return	Supply
140°F	13.8	10.3
120°F	10.7	7.9
100°F	7.0	5.0

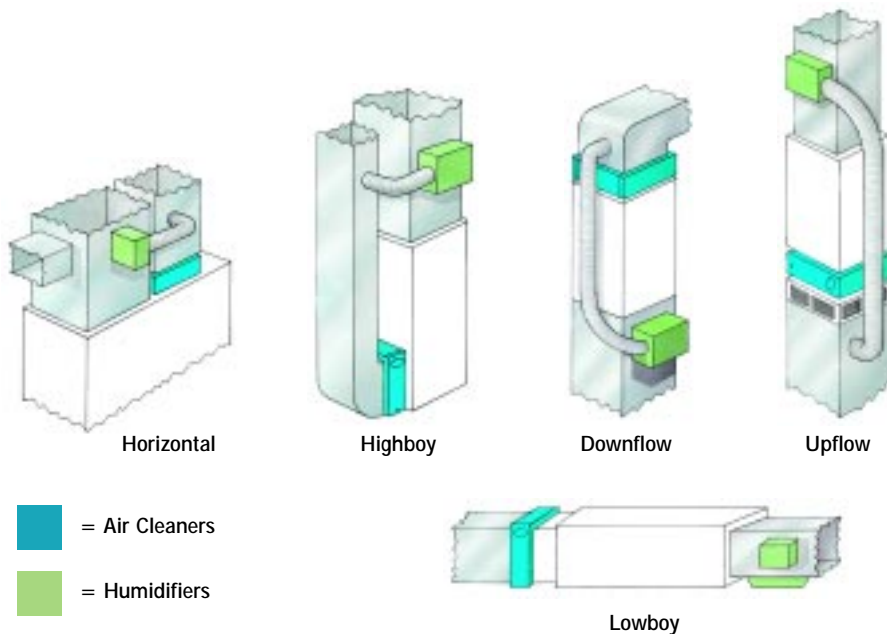
Duct Mounting: Return or Supply
Unit Size: 12³/₄" x 9⁵/₈" x 9"
Voltage: 24V
Duct Opening: 8³/₄" x 2⁷/₈"
Shipping Weight: 11 lbs.

Features and Benefits

- Wall or duct mount humidistat
- Self-piercing saddle valve
- Right- or left-hand discharge without disassembly
- Stainless steel cage assembly resists rust
- Large observation window to check pad inspection
- All brass valve assembly with stainless steel seat
- 24V / 60Hz / 3.0 watt motor
- 6" flange and damper
- Externally held evaporative media
- Simple no-tools maintenance
- Independent mounting bracket
- 2-Year Warranty

Trion air cleaners and Herrmidifier humidifying systems work with all types of configurations

Trion whole-house air cleaners, along with Herrmidifier® humidification systems can be easily installed and are suitable for use with all types of central forced-air heating and cooling system configurations. These illustrations show you where the air cleaners and humidifiers should be installed in five common setups. The air cleaners are shown in blue and the humidifiers in green.



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FEDDERS INDOOR AIR QUALITY SOLUTIONS

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