

# Get The **TRUE** Facts!



## VS



**Honeywell®**  
**TRUeSteam™ Humidifier**

**GeneralAire**  
**Elite Steam Humidifiers**

**Products that let you**  
***breathe***  
***a little easier***®

**GeneralAire Elite Steam Humidifier is an investment that pays dividends Everyday.**

**Protect your health, your home, and its furnishings from the negative effects of dry air.**

Symptoms of dry indoor air:

- Dry nose and throat
- Itchy dry skin
- Cracking of expensive woodwork and floors
- Damage to household furnishings
- Static electricity shocks that can damage computers, VCRs and other electronic equipment
- Dry air pulls moisture from delicate membranes in your nose, throat and lungs and food doesn't taste as good
- Sleeping becomes difficult and your mental concentration is affected



**See all the Elite Steam Products at**  
**[www.GeneralAire.com](http://www.GeneralAire.com)**

**GENERALAire**®  
Fresh Indoor Air Quality



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Feature	GeneralAire® Elite Steam	vs.	Honeywell® TRUEsteam™
<b>Capacity</b>	DS50 = 57.6 gpd up to 10,000 ft²		HM512 = 12 gpd up to 2,100 ft²
	DS/RS35 = 25-35 gpd up to 5000-6300 ft²	vs.	HM509 = 9 gpd up to 1,600 ft²
	DS/RS15 = 15.85 gpd up to 2700 ft²		HM506 = 6 gpd up to 1,000 ft²
	<i>Square/Ft load calculations based on 70° @ 40% rh (Inside Design) conditions, 0° @ 50% rh (Outside Design) conditions, 9' ceiling height, and .5 air changes per hour.</i>		
<b>Voltage/Amps</b>	DS50 = 230 volt - 28A - 40 Amp dedicated circuit		HM512 = 120 volt - 12 A 15 Amp dedicated circuit
	DS/RS35 = 230 volt - 16.95A - 25 Amp dedicated circuit	vs.	HM509 = 120 volt - 10 A 15 Amp dedicated circuit
	DS/RS15 = 110 volt - 16.4A - 25 Amp dedicated circuit		HM506 = 120 volt - 7 A 10 Amp dedicated circuit
<b>Steam Technology</b>	Electrode – Maintains high efficiency for 95% of cylinder life.	vs.	Resistive Element – Gradually loses efficiency as mineral deposits insulate the heating element.
<b>Display</b>	Digital LCD graphic monitor displays 11 operating functions (amp draw, run hours, output, fill and drain cycle, diagnostic codes, component operation, fan relay activation, steam production) Power LED, Operation LED, Alarm LED, Power Switch, Reset/ Select Button, Drain/Enter Button. 4 - programable functions (Flush Cycle, Hour Counter Reset, Signal Input, Percent Output (20-100%).	vs.	6 LED indicator lights 1-power, 1-humidifying, 4-call for action (clean tank, call service, press reset, press empty) reset button empty button
<b>Output Range</b>	20 - 100% Output (5% Increments), On/Off, or Modulating.	vs.	100% On/Off Only
<b>Drain Tempering</b>	Instantaneous dedicated solenoid injecting water into drain valve discharge water temp. < 140°. Can be used with standard condensate pump.	vs.	Single fill valve adding cold water to boiling tank. Initial drain water could exceed 140° and complete drain takes 15 minutes. Condensate pump must be able to accommodate 212°water.
<b>Foam Management</b>	Adaptive software logic to detect and eliminate foam production.	vs.	N/A
<b>24 volt Power Supply</b>	yes	vs.	yes
<b>Fan Relay</b>	yes	vs.	yes
<b>Maintenance</b>	Steam canister replacement at end of canister life determined by controller logic and displayed on LCD.	vs.	Unit must be cleaned annually. The entire humidifier must be replaced when the useful electric element life is exhausted. (Electric element is not a serviceable item)
<b>Drain Operation</b>	Adaptive software will manage fill and drain based on operating conditions of unit.	vs.	Automatically drains based on operating time regardless of conditions in boiling chamber.
<b>Inactivity Drain</b>	72 hours with no call for humidity.	vs.	48 hours with no call for humidity.
<b>Homeowner Safety</b>	Unit cover is secured with screws to conceal boiling canister, electrical connections, and mechanical parts.	vs.	Boiler tank has no cover, exterior of unit is extremely hot during operation, boiler housing can be removed while still containing 212° scalding water.
<b>Remote Blower</b>	Optional unit for use in homes without forced air	vs.	N/A
<b>Stand alone</b>	RS unit with built in blower to mount directly in space	vs.	N/A
<b>Air Flow Proving Device</b>	Included in duct installation kit. Safety device to avoid saturating duct when no air flow is present.	vs.	Air flow switch (AFS) recommended, not included. Circuit board connections to verify fan relay is working but does NOT verify air flow in duct.
<b>Alarm Relay</b>	Home Security and Home Management Systems	vs.	Not available

Honeywell® is a registered trademark of Honeywell Inc. TRUEsteam™ is a registered Trademark of Honeywell Inc.



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