Elite Steam Humidifier Models

DS: 15P, 25, 25LC  
RS: 15P, 25, 25LC

Breathe Healthier

Installing a GeneralAire® Whole House Humidifier can reduce allergy and asthma symptoms, minimize risk of infection, protect valuables such as furniture, woodwork and musical instruments and save you money.

How the Elite Steam Series Works
Your steam humidifier passes electric current between electrodes inside the unit’s cylinder. The steam is then dispersed throughout your home for healthier, more comfortable air.

Selecting a Steam Humidifier - 4 Easy Steps!
1. Determine the Sq. Ft. of your home (basement included).
2. Determine the Gallons Per Day your home will need to achieve desired humidity levels. (Use the calculation to the right to determine Gallons Per Day.)
3. Using our water conductivity tester, test the water for electrical conductivity (measured in microSiemens per centimeter (µs/cm).
   * 200 to 500 µs/cm requires a Low Conductivity (LC) model.
   * 501 to 1,250 µs/cm requires a regular steam model.
4. Select the Room Steam (RS) or Duct Steam (DS) model that provides the Gallons Per Day (GPD), and either a regular or LC model based on your water conductivity results. If selecting a DS Model, choose an installation kit (required for DS models). Bundle units contain installation kits.

Speak with a qualified contractor for assistance with your steam humidifier selection, installation and maintenance. Use the “Contractor Finder” tool on www.cgfproducts.com for a list of contractors in your area.

Ideal Humidity Level
Research has shown that 40% relative humidity provides an ideal, comfortable, and healthy environment for your woodwork, furniture, plants, your pets and especially you and your family.

How Much Humidity Do I Need?
Calculate the Total Cubic Feet of Home
Total Home Square Footage X Average Ceiling Height
(Include the basement)

Calculate the Load (lbs/hr)
Total Cubic Feet X Desired Condition Factor (Table Below)
X 1.05 For Each Fireplace

Calculate Gallons Per Day (GPD)
Gallons Per Day = Load (lbs/hr) X 2.88

<table>
<thead>
<tr>
<th>Indoor Air Temp °F</th>
<th>35%</th>
<th>40%</th>
<th>45%</th>
<th>50%</th>
</tr>
</thead>
<tbody>
<tr>
<td>68</td>
<td>0.00015</td>
<td>0.00018</td>
<td>0.00021</td>
<td>0.00024</td>
</tr>
<tr>
<td>70</td>
<td>0.00017</td>
<td>0.00020</td>
<td>0.00023</td>
<td>0.00026</td>
</tr>
<tr>
<td>72</td>
<td>0.00019</td>
<td>0.00022</td>
<td>0.00025</td>
<td>0.00028</td>
</tr>
</tbody>
</table>

Example
3000 Sq. Ft. X 9’ Ceiling = 27,000 Cu. Ft. 
X .00020 = 5.4065 
X 2.88 = 15.5 GPD

Recommended Unit: 
DS25, set at 45% output.

Toll Free (888) 216-9184

www.cgfproducts.com

www.generalfilters.com
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Steam humidification is very effective for homes over 3000 sq ft
Steam humidifiers deliver humidity without requiring heat from your furnace

Duct Mount Kit
Remote Blower Kit

<table>
<thead>
<tr>
<th>GeneralAire® Steam Model</th>
<th>Power Supply</th>
<th>Cylinder</th>
<th>Steam Output (lbs/hr)</th>
<th>GPD</th>
<th>Dimensions (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DS 15P (Duct Steam)</td>
<td>120Vac 50/60 Hz</td>
<td>GF15-14</td>
<td>5.5</td>
<td>15.8</td>
<td>13 1/8 x 23 3/4 x 8 1/4</td>
</tr>
<tr>
<td>RS 15P (Room Steam)</td>
<td>120Vac 50/60 Hz</td>
<td>GF15-14</td>
<td>5.5</td>
<td>15.8</td>
<td>13 1/8 x 23 3/4 x 8 1/4</td>
</tr>
<tr>
<td>DS 25P (Duct Steam)</td>
<td>230Vac 50/60 Hz</td>
<td>GF35-14</td>
<td>9-12</td>
<td>25-35</td>
<td>13 1/8 x 23 3/4 x 8 1/4</td>
</tr>
<tr>
<td>DS 25 (LC) (Duct Steam)</td>
<td>230Vac 50/60 Hz</td>
<td>GF35-15</td>
<td>9-12</td>
<td>25-35</td>
<td>13 1/8 x 23 3/4 x 8 1/4</td>
</tr>
<tr>
<td>RS 25 (Room Steam)</td>
<td>230Vac 50/60 Hz</td>
<td>GF35-14</td>
<td>9-12</td>
<td>25-35</td>
<td>13 1/8 x 23 3/4 x 8 1/4</td>
</tr>
<tr>
<td>RS (25LC) (Room Steam)</td>
<td>230Vac 50/60 Hz</td>
<td>GF35-15</td>
<td>9-12</td>
<td>25-35</td>
<td>13 1/8 x 23 3/4 x 8 1/4</td>
</tr>
</tbody>
</table>

Constant Control Monitoring & Diagnostics
- Ensures your unit is working properly and indicates when maintenance needs to be performed
- Auto flush with inactivity

Controls/User Interface
- Connect any humidistat of your choice (manual or automatic)
- Alarm relay to home security and home management systems standard

Inside
- Built in drain tempering
- Extended life cylinder control logic Replaceable steam cylinder

Steam Cylinder
- Electrodes maintain 95% capacity throughout life of cylinder
- Internal control module automatically regulates water levels for proper steam output
- Cylinder longevity is greatly increased when unit is set at 70 to 80% output.

- Installation kit required
- Duct Steam Injection
- Adjustable output range from 20% to 100%

DS (Duct Steam) Bundle Models 15PBU, 25PBU, 25LCBU
- DMKIT included in bundle unit

RS (Room Steam) Models 15P, 25P & 25LC
- Built-in room blower
- Room-steam injection
- Adjustable output range from 20% to 100%

GFX3 ON/OFF Modulating Humidistat
- Included with all DS & RS Models

Maintenance
- Maintenance of your new steam humidifier is minimal. As water evaporates inside the steam cylinder, minerals left behind are flushed down the drain. Over time some minerals build up on the cylinder walls and electrodes. When you see an “E Cylinder Exhausted” message (approx once per year) it is time to replace the steam cylinder.

(For your safety and the longevity of your steam humidifier, all maintenance and repairs should be performed by a licensed contractor.)