

4 Step Process

BEFORE INSTALLING THE GF5500 STEAM HUMIDIFIER

1 Calculating Gallons Per Day

Follow the formula below to understand the GPD needed for your home.

Total Square Footage (including Basement) x Average Ceiling Height = Number
 That Number x **Relative Humidity** x 1.05 per Fireplace in Home = Humidity Load (PPH)
 Humidity Load x 2.88 (GPD conversion) = Desired Gallons Per Day

Please reference section 1.3 of the Installation Manual for more clarity on GPD calculation

Indoor Air Temp	Indoor Relative Humidity Percentage			
Temp (Celsius)	35%	40%	45%	50%
20	0.00015	0.00018	0.00021	0.00024
21	0.00017	0.00020	0.00023	0.00026
22	0.00019	0.00022	0.00025	0.00028

Use this chart to identify your RH (**Relative Humidity**) and Furnace Heat running temperature.

2 Test the (Municipal, especially Lake or Well) Water Conductivity Using the AP-2 Conductivity Tester

Follow these steps to ensure 5500 Steam Humidifier can be installed.

1. Fill a glass with one cup of water from the steam humidifier water supply (Figure A).
2. Turn the AP-2 tester on. Insert the tester into the glass of water (Figure B).
3. Ensure that GF5500 Steam Humidifier can be used by correlating results with GF5500 specifications.



GF5500 Specifications
 Conductivity Range: 125 to 1250 µS/cm
 Conductivity: Regular
 Replacement Cylinder: GF55



Figure A

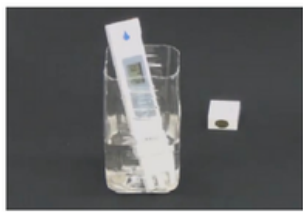


Figure B



Aquapro Digital Water Tester (AP-2)

3 Follow Section 4.4 in Install Manual to Configure 5500 for Amps/Voltage

Visit our website (www.GeneralAireIAQ.ca) or check your physical copy of the GF5500 Installation Manual and proceed to section 4.4 (Page 20) titled "Initial Configuration"

If Necessary: Change Maximum Production, follow Section 5.3 (Page 23)

4 Selecting the Proper Duct Mount Kit



RMB15
Remote Mount Blower
110V



RMB35
Remote Mount Blower
230V