






# Aprilaire Selection Guide Specifications

MODEL	Model 400K*/400MK**	Model 500K*/500MK**	Model 600K*/600MK**	Model 700*/700M**	Model 800
	Bypass Unit – Uses 100% of water and evaporative technology that eliminates the need for a drain. 	Bypass Unit – Designed for smaller homes. 	Bypass Unit – Uses the furnace blower to move air through a Water Panel®. 	Powered Unit – Built-in fan that pulls heated air directly from the furnace. 	Steam Humidifier – For applications when evaporative units are less practical (attics, crawl spaces, closets, milder winter climates, non-forced air heating source). 
<b>CAPACITY</b> <i>gpd = gallons per day</i>	17 gpd	12 gpd	17 gpd	18 gpd	11.5 gpd   20.5 gpd   23.3 gpd 120 volts   210 volts   240 volts

\* = Automatic Digital Control (shown)

\*\* = Manual Control For those rare occurrences where an automatic control is not practical, Aprilaire digital control can be installed in manual mode while still delivering the accuracy and information you need for optimum performance.

Warranty – All Aprilaire models are warranted for five (5) years from date of installation for parts.

Heat Pumps – Plumbing the humidifier to hot water is recommended on all heat pump installations or if it is installed to operate independently of a call for heat. (See ^NOTE for Model 400)

Bypass humidifiers can be installed on the supply or return plenum. Complete with install kit.

• Water feed rate for the Model 700, 350 and 360 is 6 gph; the Models 500 and 600 is 3 gph; Model 400 is .7 gph; Model 800 is .6 gph when connected to 120V, 1.1 gph when connected to 208V and 1.18 gph when connected to 240V. (gph = gallons per hour)

## Humidifier Sizing Chart (8' Ceilings)

Structure Tightness	1000 ft <sup>2</sup>	1500 ft <sup>2</sup>	2000 ft <sup>2</sup>	2500 ft <sup>2</sup>	3000 ft <sup>2</sup>	4000 ft <sup>2</sup>	5000 ft <sup>2</sup>
	<b>Humidity needed (GPD per AHRI)*** Guideline F</b>						
<b>Tight</b>	4.3	6.4	8.5	10.6	12.7	17	21.2
<b>Average</b>	8.6	12.8	17	21.3	25.4	34	42.6
<b>Loose</b>	12.7	19.1	25.5	31.8	38.1	51	63.6

\*\*\* = AHRI Air Conditioning, Heating, and Refrigeration Institute GPD = Gallons Per Day Guideline F

• A family of 4 will add 2 gallons of humidity per day through everyday activities like breathing, cooking, bathing and washing.  
 • Evaporative capacities assume blower is active 100% of the time, plenum temperature is at 120°F and water is cold.

## Easiest to Install

- Fully assembled
- Installation kit included with bypass units
- Installs in six easy steps
- Simple, annual maintenance

Installation kit included with bypass units



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