



# Air Handler Selection Chart

Model	Description	Zones	Heating Speeds	Cooling Speeds	Cont. Fan	small D <sup>4</sup>	Comfort <sup>5</sup>	Cost	Applications	Key Features
ZCT	Zone Comfort Tall	2-4	100 <sup>2</sup>	Variable <sup>1</sup>	100 <sup>2</sup>	Best	Very Best	Premium	Separate heating & cooling control of different floors or areas of a building.	Fully modulating airflow, humidity control, controller with display
ZC	Zone Comfort	2-4	100 <sup>2</sup>	Variable <sup>1</sup>	100 <sup>2</sup>	Best	Very Best	Premium	As above, but heat only or heating & cooling where equipment room height is limited.	Fully modulating airflow, humidity control, controller with display
CP	Combo-pac	1	Variable <sup>1</sup>	Variable <sup>1</sup>	100 <sup>2</sup>	Best	Best	Higher	Critical airflow and humidity needs.	Fully modulating airflow, humidity control, controller with display
EP	Eco-pac	1	4 (+4opt. <sup>3</sup> )	6 (+6opt. <sup>3</sup> )	2 (+2opt. <sup>3</sup> )	Better	Better	Medium	Low electrical costs, especially cont. fan	Quiet, high efficiency EC motor
TP	Thermal-pac	1	3	3	3	Good	Good	Lowest	Basic heat only or heat/cool	Lowest cost

All models are suitable for connection to a boiler, tankless water heater or tank-type water heater. Heating capacity is up to 164,000 Btu/hr. depending on size, airflow selected and entering water temperature. Cooling capacity is up to 5 tons depending on size and airflow selected.

1. Installer selectable as automatically modulating according to load, or fixed %.
2. Installer selectable in 1% increments.
3. Additional speeds available in the field with special wire shipped from the factory.
4. smallD™ is a small diameter duct system, also known as high velocity
5. comfort based on zoning, speed control and humidity control during air conditioning.

## Specialty Air Handlers

Model	Description	Heating Capacity <sup>1</sup>	Cooling Capacity	Applications	Heat Source
EDHV100SUR	Eco-Duct High Velocity (Special Unit Replacement)	138MBH	1-3 tons	Special Unit Replacement for competitor's under-performing high velocity systems. Contact Vortex for proper application	Water Heater
MUA	Make-Up Air	1400 cfm	N/A	Heats fresh air that replaces large exhaust	Boiler
HPAH	Heat Pump Air Handler	5 tons	5 tons	Ideal for low water temperatures. Direct connect to a water to water HP or decouple through a storage tank.	Water to water heat pump or solar
DXAH	Direct Expansion Air Handler	5 tons	5 tons	Direct connect to heat pump refrigeration lines.	Heat pump

Refer to spec sheets for additional details.