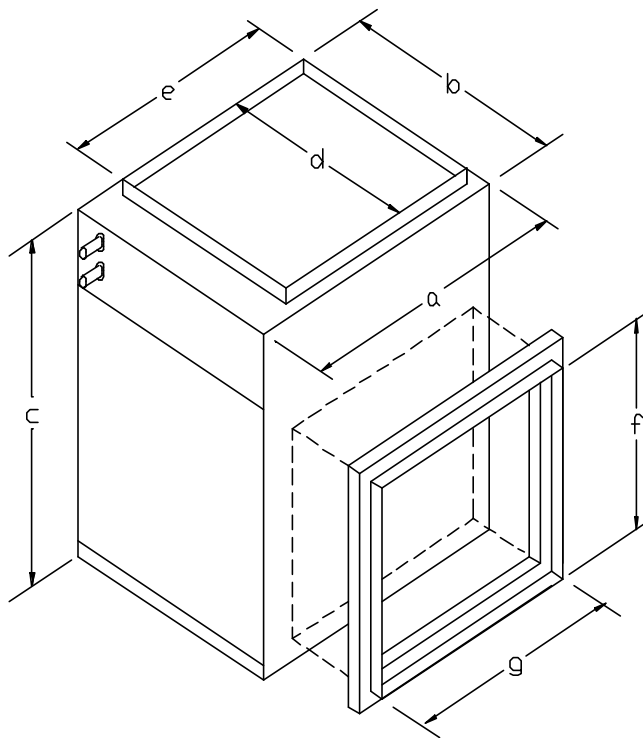


Designed for Comfort and Efficiency: eco-pac EC™ air handlers work with domestic water heaters or boilers to provide space heating for any home.

Features a fully-programmed, high-efficiency EC motor

- High efficiency EC motor for electrical savings.
- Up to two heating speeds and up to six cooling speeds selectable by the installing contractor.
- Compatible with all 24-volt thermostats.



- **Ultimate comfort:** delivers warmer, more comfortable air than typical combo systems, heat pumps and many furnaces.
- **Quiet performance:** engineered and dynamically balanced for quiet operation.
- **Good value:** costs less to install than a furnace, yet provides better comfort.
- **Dependable:** unlike a furnace, the eco-pac™ has no burner or vent system to fail.
- **A total package:** add air conditioning and air filtration for complete indoor comfort.

Physical Properties

| Model Type | Cabinet dimensions | | | Supply air | Return air | water inlet and outlet | Shipping Weight |
|------------------------|--------------------|-----|-------|------------|------------|------------------------|-----------------|
| | a | b | c | d x e | f x g | | |
| EP30 | 20" | 14" | 24" | 12"x16" | 12"x16" | 1/2" | 80 lb. |
| EP45, EP60, EP65, EP75 | 22" | 22" | 31.5" | 20"x20" | 20"x20" | 3/4" | 110 lb. |
| EP100 | 22" | 22" | 48" | 20"x20" | 20"x20" | 3/4" | 120 lb. |

- **Two heating capacities** available to the installing contractor.
- **Coil pre-heat** to prevent “cold blow” at start-up
- **Modulates on heating** to reduce noise, reduce electrical consumption and improve comfort.
- **Three to six cooling airflows** easily selectable by the installing contractor to match any air conditioning condenser.
- **Flexible mounting:** unit mounts in any direction -- up, down, horizontal discharge left or right.
- **Return air:** can be mounted on left or right side, bottom, or back of unit.
- **Easy servicing:** Heating coil slides out front; all parts accessible through the front.
- **Add-on cooling:** is easy with a slab coil or A coil.

Options available:

- **Cooling Dehumidification** available through the easy installation of a dehumidistat
- **Freeze protection:** optional add on sensor available
- **Daily pump exerciser:** optional cycle timer available as special order

Unit Specifications: eco-pac EC™ air handlers

| MODEL: | EP30-EC | EP45-EC | EP60-EC | EP65-EC | EP75-EC | EP100-EC |
|---------------------------------------|---------|---------|---------|---------|---------|----------|
| *Heating Capacity (Btu/h) 120F water | 21,000 | 32,000 | 43,000 | 47,000 | 55,000 | 76,000 |
| *Heating Capacity (Btu/h) 130F water | 28,000 | 42,000 | 56,000 | 61,000 | 71,000 | 91,000 |
| *Heating Capacity (Btu/h) 140F water | 30,000 | 45,000 | 60,000 | 66,000 | 77,000 | 106,000 |
| *Heating Capacity (Btu/h) 160F water | 37,000 | 57,000 | 77,000 | 85,000 | 100,000 | 135,000 |
| *Heating Capacity (Btu/h) 180F water | 48,000 | 72,000 | 95,000 | 104,000 | 122,000 | 164,000 |
| (USGPM) Heating | 2.3 | 3.6 | 3.6 | 3.6 | 3.6 | 7.0 |
| Maximum Heating Airflow (CFM) | 800 | 900 | 1200 | 1400 | 2000 | 2000 |
| Max. External Static Pressure (“wc)** | 1.2 | 1.3 | 0.5 | 1.0 | 0.5 | 1.0 |
| Cooling Capacity – High (Tons) | 2.0 | 3.0 | 3.0 | 3.5 | 5.0 | 5.0 |
| Cooling Capacity – Medium (Tons) | 1.5 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 |
| Cooling Capacity – Low (Tons) | 1.0 | 2.5 | 2.5 | 2.5 | 3.5 | 3.5 |
| Cooling Capacity | | | | | | 3.0 |
| Cooling Capacity – Low2 (Tons) | -- | 2.0 | 2.0 | 2.0 | -- | 2.5 |
| Cooling Capacity – Low3 (Tons) | -- | 1.5 | 1.5 | 1.5 | -- | 2.0 |
| Blower Motor Full Load (Amps) | 5.5 | 5.5 | 5.5 | 7.7 | 9.6 | 9.6 |
| Circulator Full Load (Amps) | 0.6 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 |

*based on 70F return air, high fan speed and 20F water temperature drop through the coil.

** air handler can deliver maximum programmed airflow at any static pressure below this value.