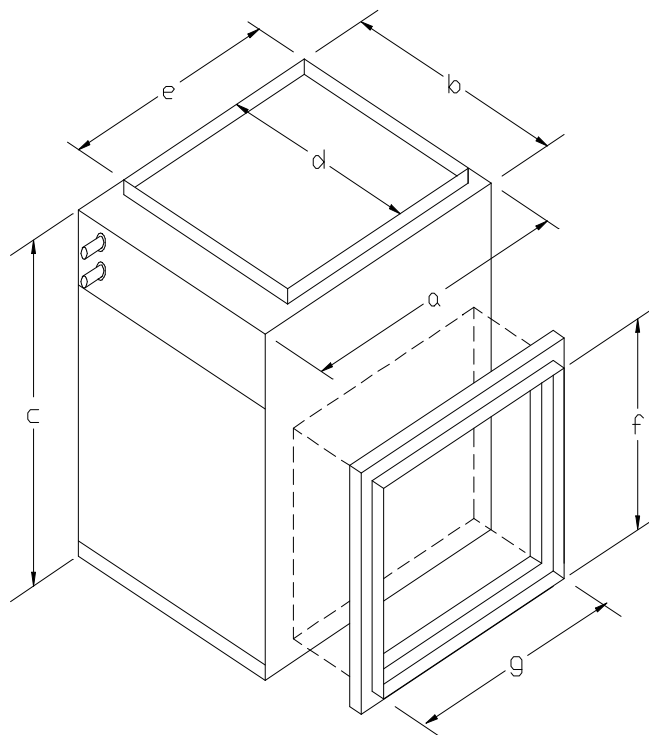


Designed for Comfort and Efficiency: eco-pac EC3™ air handlers work with domestic water heaters or boilers to provide space heating for any home.

Features a fully-programmed, high-efficiency EC motor

- High efficiency EC motor for electrical savings.
- Four heating / six cooling speeds selectable by the installing contractor (optional 8 and 12 speeds).
- 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"	24.3"	12"x16"	14"x18"	1/2"	80 lb.
EP45 – EP80	25"	22"	29.5"	20"x20"	18"x23"	3/4"	110 lb.
EP100	25"	22"	53.25"	20"x20"	18"x23"	3/4"	120 lb.

- **Four heating capacities** available to the installing contractor (optional 8 total).
- **Coil pre-heat** to prevent “cold blow” at start-up
- **Modulates on heating** to reduce noise, reduce electrical consumption and improve comfort.
- **Six cooling airflows** easily selectable by the installing contractor to match any air conditioning condenser (optional 12 total).
- **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 EC3™ air handlers

MODEL:	EP30	EP45	EP63	EP70	EP80	EP100
*Heating Capacity (Btu/h) 120F water	21,000	32,000	45,000	51,000	59,000	76,000
*Heating Capacity (Btu/h) 130F water	28,000	42,000	58,000	65,000	73,000	91,000
*Heating Capacity (Btu/h) 140F water	30,000	45,000	63,000	70,000	80,000	106,000
*Heating Capacity (Btu/h) 160F water	37,000	57,000	80,000	90,000	103,000	135,000
*Heating Capacity (Btu/h) 180F water	48,000	72,000	99,000	110,000	125,000	164,000
(USGPM) Heating	3.0	4.8	4.8	4.8	4.8	7.0
Maximum Heating Airflow (cfm)	800	--	1200	1400	1900	2000
Heating Speed 2 (cfm)	600	900	900	1050	1350	1350
Heating Speed 3 (cfm)	480	720	720	840	1080	1080
Heating Speed 4 (cfm)	360	480	480	630	810	810
Max. External Static Pressure ("wc)**	1.2	1.3	0.6	1.1	0.7	1.0
Cooling Capacity – High 1 (Tons)	2.0	3.0	3.0	3.5	5.0	5.0
Cooling Capacity – Medium 2 (Tons)	1.5	2.5	2.5	3.0	4.0	4.0
Cooling Capacity – Low 3 (Tons)	1.0	2.0	2.0	2.5	3.5	3.5
Cooling Capacity - speed 4 (Tons)	1.5	2.0	2.0	2.0	3.0	3.0
Cooling Capacity - speed 5 (Tons)	1.0	1.5	1.5	1.5	2.5	2.5
Cooling Capacity - speed 6 (Tons)	0.75	1.0	1.0	1.0	2.0	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 and high fan speed. Contact us for performance at lower water temperatures.

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

Higher ESP are possible at lower air flows.

Refer to eco-pac High Velocity spec sheet for performance at higher external static pressures.