

EBO16 Cooling Unit Shown

Features

- Compact ductable cooling unit
- Rotatable, variable speed blower
- Works with Cruisair ACA/ACH condensing units
- EHBO models with integrated electric heat
- Insulated condensate drain pan with anti-slosh, antifungal foam lining
- Foam insulated metal surfaces
- Air filter included

Type O

EBO and EHBO Models

EBO and EHBO are draw-through, ductable cooling units with a rotatable, variable speed blower and an integral condensate pan. They are typically installed low in a closet, cabinet, or other enclosed space, with discharge air ducted to one or more grills high in the room.

Models are available in capacities from 4,000 to 16,000 Btu/hr, and are used with Cruisair ACA or ACH remote condensing units. Multiple cooling units can be used with a single condensing unit of matched capacity.

The condensate pan and blower housing are covered with insulating foam, reducing noise and secondary condensation. The condensate pan has an anti-slosh, antifungal foam lining. The squirrel cage blower can be rotated so the discharge air is easily ducted.

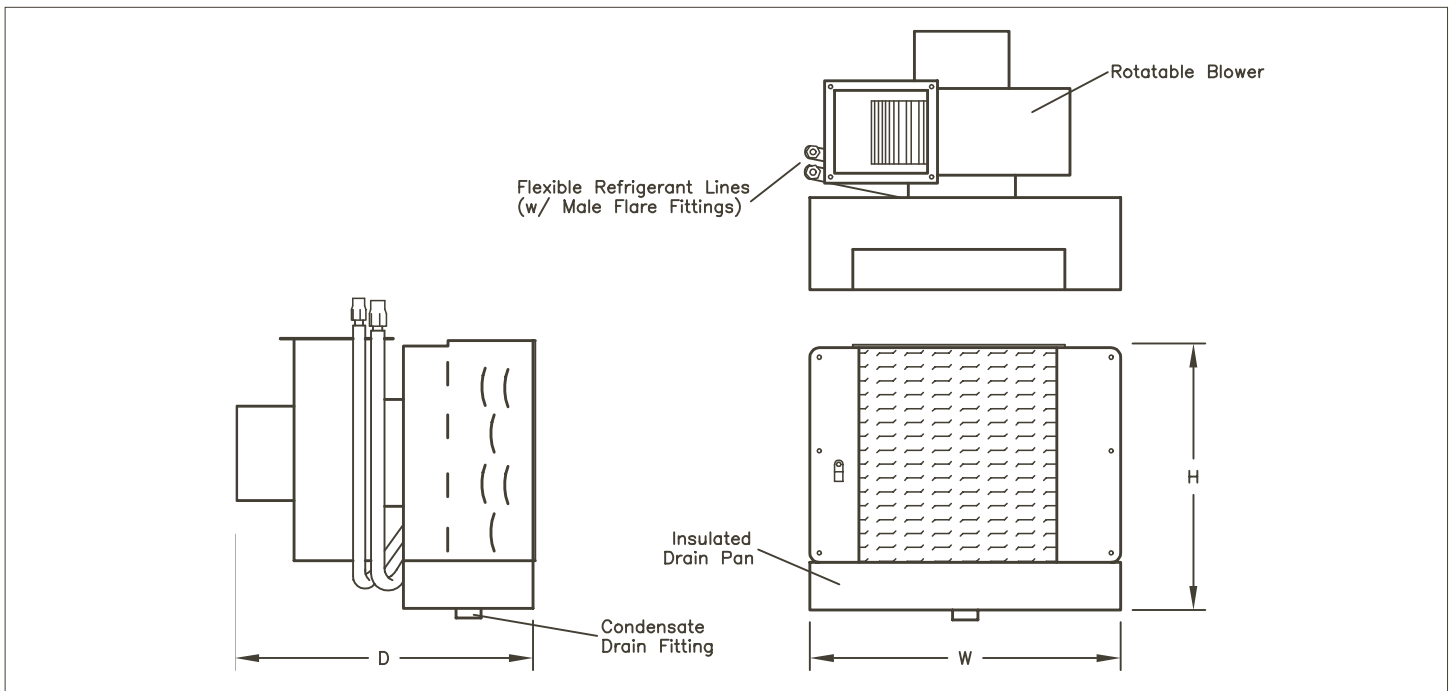
EHBO models have an electric heat element, which can supply heat when outside temperatures are too cold for reverse cycle heat. The unit has two-stage overhear protection, one auto-reset and the second a manual reset. The interior is also lined with high temperature insulation.

Cruisair cooling units can be used with an SMX Series computerized control, or a rotary-knob switch assembly. Models with electric heat must use SMX Online or the appropriate aux. heat switch assembly.

EBO and EHBO units can be installed with a combination of plenums and flexible duct, or built-in ductwork to convey discharge air to one or more outlet grills. When using built-in ducts, a flexible transition between the blower and duct should be installed.

Mounting Frames

The unit must be mounted with one of the optional mounting feet or frames, to provide vibration isolation. Support must be provided for the blower/motor assembly.



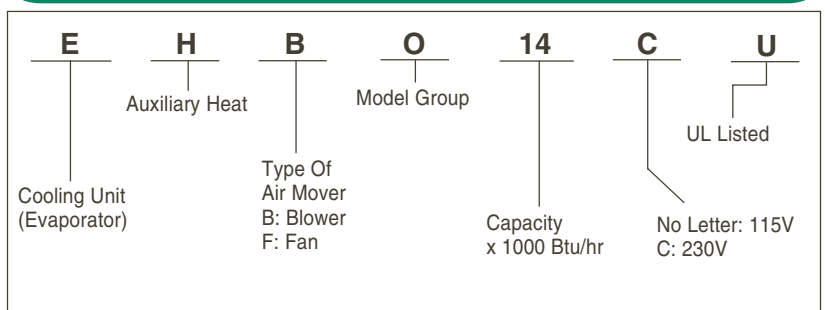
TECHNICAL SPECIFICATIONS

Model	Capacity (Btu/hr)	Voltage	Amps	Electric Heater		Dimensions (in/mm)			Air Flow (cfm/cmh)	Weight (lb/kg)
				kW	Amps	H	W	D		
EB04 EB04C	4,000	115 230	1.9 0.9	- -	- -	9.5/240	12.5/320	13.0/330	165/280	14/6.4
EB07 EB07C	7,000	115 230	1.9 0.9	- -	- -	10.0/255	12.0/305	14.0/355	270/460	14/6.4
EBO7/10 EBO7/10C	7,000	115 230	2.9 1.5	- -	- -	10.0/255	12.0/305	14.0/355	300/510	16/7.3
EBO10 EBO10C	10,000	115 230	2.9 1.5	- -	- -	11.5/290	13.5/345	14.8/375	330/560	21/9.5
EBO14U	14,000	115	3.3	-	-	13.0/330	15.5/395	18.0/455	530/900	26/11.8
EBO16 EBO16C	14,000	115 230	3.3 1.6	- -	- -	13.0/330	15.5/395	18.0/455	530/900	26/11.8
EHBO7 EHBO7C	7,000	115 230	1.9 .9	1.0 1.0	8.4 4.2	10.0/255	11.3/287	16.6/421	270/460	16/7.3
EHBO10 EHBO10C	10,000	115 230	2.9 1.5	1.5 1.5	12.4 6.2	12.0/305	12.5/320	16.8/427	330/560	23/10.4
EHBO16 EHBO16C	14,000	115 230	3.3 1.6	2.0 2.0	18.0 8.3	12.5/320	18.0/455	20.6/523	530/900	29/132

RECOMMENDED DUCT & MIN. GRILL SIZES

Btu/hr	Return Air (sq in/cm)	Discharge Air (sq in/cm)	Recommended Duct Size (in/mm)
4,000	60/390	30/195	4/100
7,000	80/520	50/325	5/125
10,000	100/650	60/390	6/150
14,000	144/936	80/520	7/175
16,000	144/936	80/520	7/175

INTERPRETING MODEL NUMBERS



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Revised: 12-17-04 L-0250