



EBD Unit Shown

Features

- 30,000 - 72,000 Btu/hr
- 230 Volt, 60 Hz models (50 Hz also available)
- Works with Cruisair Type F remote condensing units
- Variable speed blower
- Horizontal or vertical air discharge (field rotatable)
- Integral condensate pan, with anti-slosh, antifungal foam
- Foam insulated metal surfaces
- Replaceable air filter

EBD Models

EBD is a draw-through, ductable cooling/heating unit with a variable speed blower, enclosed in an insulated aluminum housing with integral condensate pan. The unit is designed to be installed in a cabinet or other enclosed space, with discharge air ducted to grills high in the cabin.

Models are available in capacities from 30,000 to 72,000 Btu/hr, and can be used with Cruisair Type F reverse-cycle condensing units.

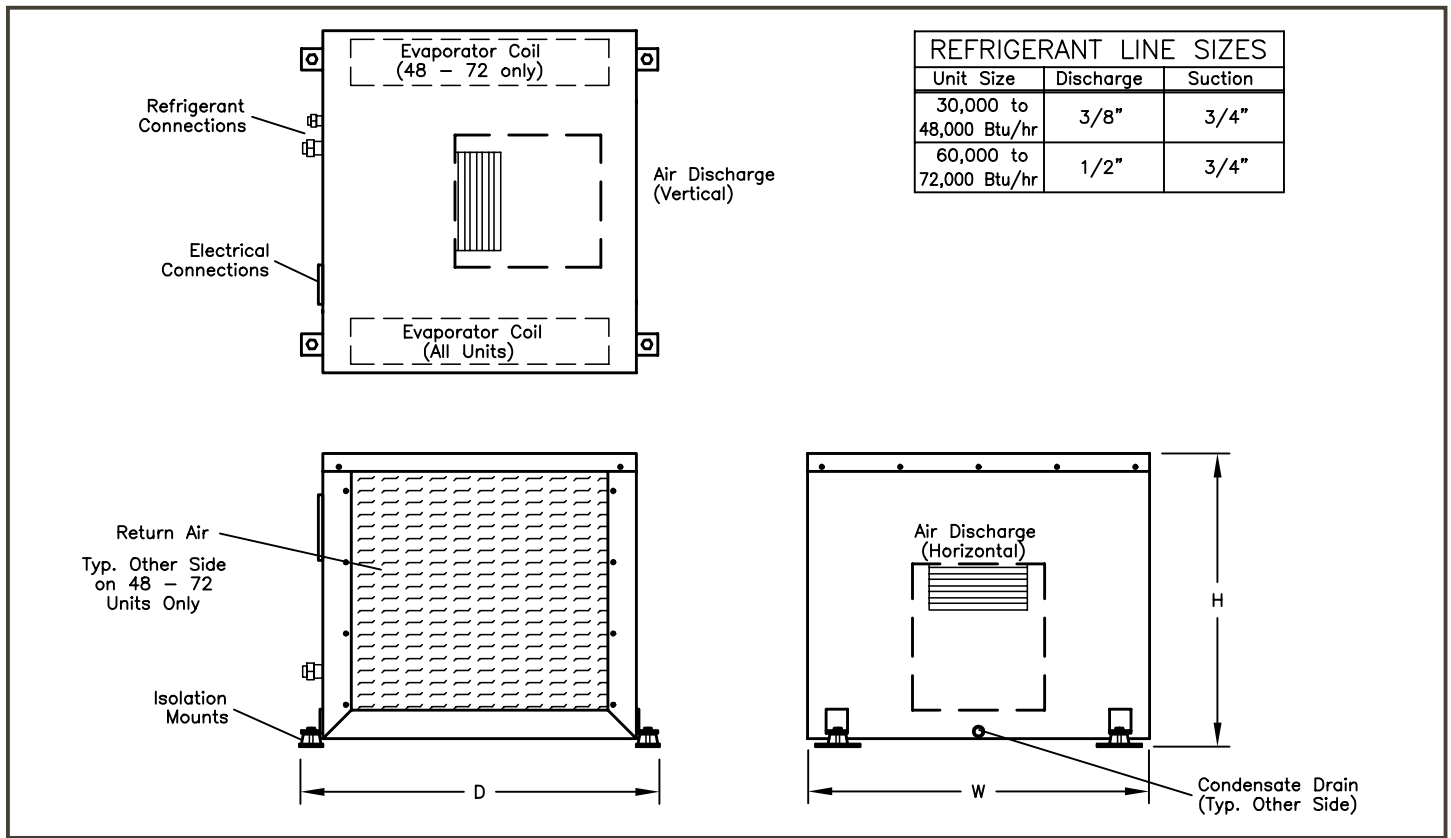
The 30,000 and 36,000 Btu/hr units have one evaporator coil with a single return air inlet. The 48,000 - 72,000 Btu/hr units are a dual return air design with two evaporator coils. Return air filters are also included.

Vertical or horizontal air discharge is specified when ordering the unit (by the model designation), but the blower can be rotated in the field if necessary.

The deep condensate pan is filled with anti-slosh, antifungal foam and has two drain fittings. The pan also includes rubber, isolating mounting feet.

The EBD unit can be ducted with flexible or built-in ducts to deliver air to one or more cabins. The maximum external static pressure is .25 inches water. A hose adapter will be needed to connect to flexible duct. If using built-in ducting, a flexible transition should be installed between the unit and the duct. Return air should not be ducted.

EBD models can be used with Cruisair SMX microprocessor controls, or with 3-knob switch assemblies (2 speed type).



TECHNICAL SPECIFICATIONS

Model	Capacity (Btu/hr)	Voltage	Freq. (Hz)*	Max. Amps	H in/cm	W in/cm	D in/cm	Weight lb/kg	Air Flow (cfm/cmh)
EBD30HC	30,000	230	60	3.5	19.9/50	24.5/62	18.6/47	70/31.8	1,200/2,040
EBD30VC	30,000	230	60	3.5	19.9/50	24.5/62	18.6/47	70/31.8	1,200/2,040
EBD36HC	36,000	230	60	3.5	19.9/50	24.5/62	18.6/47	70/31.8	1,200/2,040
EBD36VC	36,000	230	60	3.5	19.9/50	24.5/62	18.6/47	70/31.8	1,200/2,040
EBD48HC	48,000	230	60	3.5	20.4/52	24.5/62	23.3/59	78/35.4	1,600/2,720
EBD48VC	48,000	230	60	3.5	20.4/52	24.5/62	23.3/59	78/35.4	1,600/2,720
EBD60HC	60,000	230	60	4.8	20.4/52	24.5/62	23.3/59	82/37.2	2,000/3,400
EBD60VC	60,000	230	60	4.8	20.4/52	24.5/62	23.3/59	82/37.2	2,000/3,400
EBD72HC	72,000	230	60	4.8	20.4/52	24.5/62	23.3/59	82/37.2	2,400/4,080
EBD72VC	72,000	230	60	4.8	20.4/52	24.5/62	23.3/59	82/37.2	2,400/4,080

*50 Hz models are available on special order.

TECHNICAL SPECIFICATIONS

Model Capacity (Btu/hr)	Suggested Duct Size (in/mm)	Minimum Grill Sizes		Refrig. Liquid Line	Refrig. Suction Line
		Return Air (sq in/cm)	Supply Air (sq in/cm)		
30,000	10	280/1810	150/970	3/8"	3/4"
36,000	10	320/2060	170/1100	3/8"	3/4"
48,000	12	440/2840	230/1480	3/8"	3/4"
60,000	12	570/3680	290/1870	1/2"	3/4"
72,000	14	690/4450	350/2260	1/2"	3/4"

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