

# Cooling/Heating Units

DX AIR COOLED



EBS Cooling Unit Shown

## Features

- 14,000 and 16,000 Btu
- 115 and 230 VAC, 50/60 Hz models
- UL listed models available
- Works with Cruisair ACA/ACH condensing units
- Entire unit enclosed in aluminum housing
- Variable-speed blower for fixed vertical discharge
- Integral condensate drain pan with anti-slosh, antifungal foam
- Removable lint screen for easy cleaning

## Type C EBS Models

EBS is a pull-through ductable cooling/heating unit with a variable-speed blower, enclosed in an aluminum housing. The EBS unit is designed to be installed low in a closet or cabinet, with air ducted upward to discharge grills high in the room.

EBS models are available in 14,000 and 16,000 Btu capacities. They are used with Cruisair ACA or ACH remote condensing units.

The EBS unit consists of an evaporator coil, refrigerant line connections, condensate drain pan and a high efficiency squirrel-cage blower, which pulls air across the evaporator coil. The blower provides fixed upward discharge. A removable lint screen is installed across the front of the evaporator coil. A plastic clamp is provided for attaching the thermostat bulb or temperature sensor in the return air path.

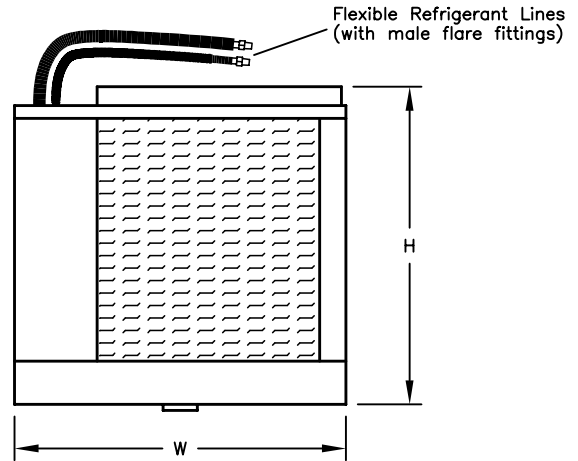
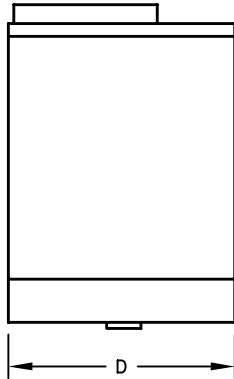
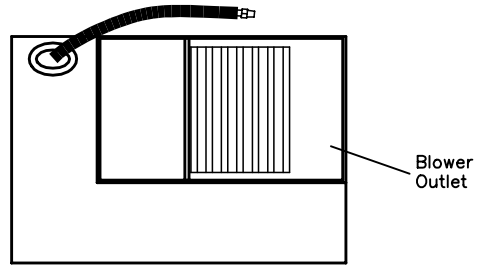
The entire lower section of the cabinet serves as a condensate drain pan. The pan is filled with anti-slosh, antifungal foam, which also acts as a noise dampening material. A mounting frame (MFC-1416S) should be used with the EBS unit.

The EBS unit can work with a combination of plenums and flexible or built-in ductwork to convey discharge air to one or more locations. When used with built-in ducts, there should be a flexible transition between the duct and the blower.

All EBS models can be used with either rotary-knob switches or with the SMX series computerized controls.

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Chill Out In Style

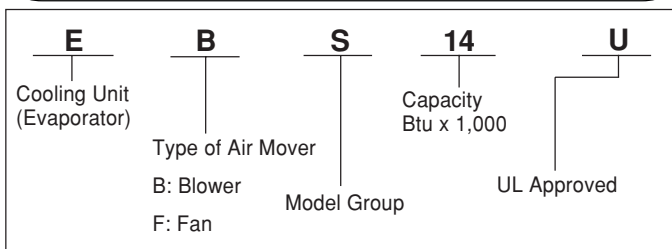
REFRIGERANT LINE SIZES		
Unit Size	Discharge	Suction
4,000 to 12,000 Btu/hr	1/4"	3/8"
16,000 Btu/hr	1/4"	1/2"



### TECHNICAL SPECIFICATIONS

Model	Capacity Btu/hr	Voltage VAC	Freq. Hz	Amps	Width		Depth		Height		Weight		Nom. Airflow		UL Listed
					in	mm	in	mm	in	mm	lb	kg	CFM	CMH	
EBS14U	14,000	115	50/60	3.0	16.0	406.4	11.5	292	14.0	356	32	14.4	530	890	Yes
EBS16S	16,000	115	50/60	3.0	16.0	406.4	11.5	292	14.0	356	32	14.4	530	890	No
EBS16SC	16,000	230	50/60	1.5	16.0	406.4	11.5	292	14.0	356	32	14.4	530	890	No

### INTERPRETING MODEL NUMBERS



### RECOMMENDED GRILL & DUCT SIZES

Btu/hr	Return Air (sq in/cm)	Discharge Air (sq in/cm)	Duct (in/mm)
14,000	144/936	80/520	7/175
16,000	144/936	80/520	7/175



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Revised: 01-03-01 L-0773