

Cooling/Heating Units

DX AIR COOLED



EBU7 Unit Shown

Features

- Compact ductable cooling unit
- Rotatable, variable speed blower
- High-efficiency, internal PSC motor
- EHBU models with integrated electric heat
- Insulated condensate pan with includes anti-slosh, antifungal foam lining
- Air filter included
- Works with Cruisair ACA/ACH condensing units

EBU and EHBU Models

EBU and EHBU are draw-through, ductable cooling units with a rotatable, high efficiency PSC 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 of 7,000 and 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 squirrel cage blower can be rotated so the discharge air is easily ducted. The variable speed PSC (permanent split capacitor) motor is internal to the blower wheel and housing, which makes for a narrower unit, and quieter operation than a typical external motor blower. The PSC blower also provides improved static pressure performance.

EHBU 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 overheat protection, one auto-reset and the second a manual reset. The interior is also lined with high temperature insulation.

The condensate pan, blower housing and all metal surfaces over which air passes are covered with insulating foam, reducing noise and secondary condensation. The condensate pan has an anti-slosh, antifungal foam lining.

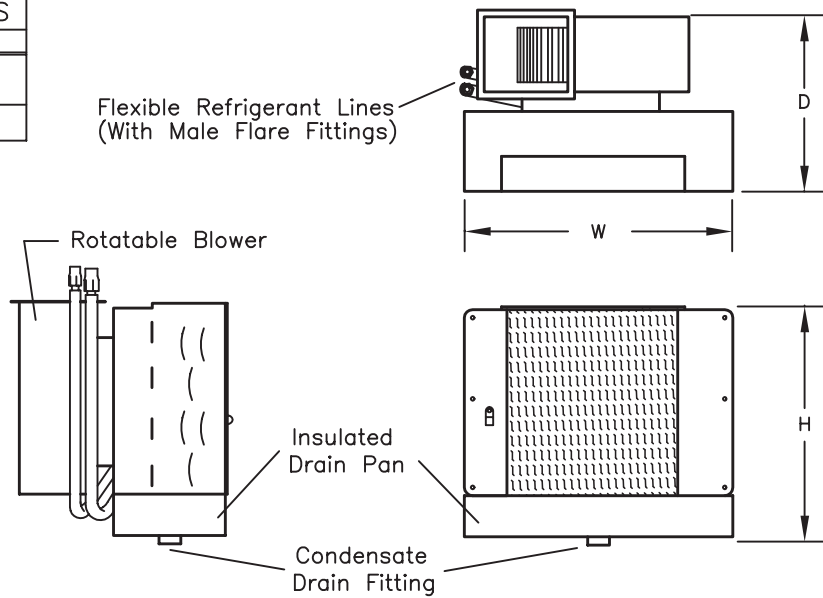
Cruisair cooling units can be used with an SMX Series computerized control, or a rotary-knob switch assembly. Models with electric heat must use SMX Online or the appropriate aux. heat switch assembly.

EBU and EHBU 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.

Optional mounting frames or leg kits are available to ease installation, and provide vibration isolation and the required blower support.

Cruisair[®]
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	Amps	Electric Heater		Dimensions (in/mm)			Weight (lb/kg)
				kW	Amps	H	W	D	
EBU7	7,000	115	1.2	-	-	10.0/25.4	11.3/28.6	10.0/25.4	19/8.6
EBU7C		230	0.6	-	-				
EHB7	7,000	115	1.2	1.0	8.4	10.0/25.4	11.3/28.6	12.6/32.0	22/10.0
EHB7C		230	0.6	1.0	4.2				
EBU16	16,000	115	1.8	-	-	12.5/31.8	15.5/39.4	13.0/33.0	35/15.9
EBU16C		230	0.9	-	-				
EHB16	16,000	115	1.8	2.0	18.0	12.5/31.8	15.5/39.4	15.6/39.6	37/16.8
EHB16C		230	0.9	2.0	8.3				

RECOMMENDED DUCT & MIN. GRILL SIZES

Btu/hr	Return Air (sq in/cm)	Discharge Air (sq in/cm)	Recommended Duct Size (in/mm)
7,000	80/520	50/325	5/125
16,000	144/936	80/520	7/175

INTERPRETING MODEL NUMBERS

