



HEU1 Series DX Cooling with Electric Heat Uncased Horizontal Ceiling Mounted Air Handler

Standard Features

- High performance dual constant torque blower design.
- Electric heat models supply voltage is 208/240/1/60.
- High efficiency AC “A” coil design.
- Space saving ceiling mount design.
- Galvanized steel blower wheels and housings.
- Pre-wired for cooling, heating and heat pump operation.
- Standard control transformer is 208/240 VAC primary/ 24 VAC secondary/ 40 VA.
- Secondary circuit of the transformer is grounded per UL60335-2-40 requirements.
- Meets UL60335-2-40; A2L RDS requirements with R-32 or R-454B TXV's
- Refrigerant leak detection and mitigation system
- Meets ASHRAE standard 193 low leak requirements
- Primary and secondary condensate pan drain connections.
- Easy access for service and maintenance.
- High efficiency copper tube and aluminum fin coils.

HEU1 Series DX Cooling with Electric Heat

Description: Uncased Horizontal Ceiling Mounted Air Handler

The HEU1 Series horizontal fan coil series is designed for horizontal mounting into a furred down ceiling. This space saving HEU1 series handles up to 1,290 CFM of air movement, up to 3 tons of cooling, and up to 10 kW of electric heat. For cooling requirements, these units are designed to accept coils to match with most brands of AC condensing units. The HEU1 Series are dual rated for 208/240/1/60. These units are ETL listed..

Dimensional Data

Model Number	Liquid Line	Suction Line	A	B	C
HEU118*AC	3/8	3/4	37	34.25	30
HEU124*BC	3/8	3/4	45	42.25	38
HEU130*CC	3/8	3/4	49	46.25	42
HEU136*DC	3/8	3/4	56	53.25	49

Unit Information Table

Model No.	Nominal Tons	KW	Blower Code	Voltage/ PH/ HZ	Thermostat Voltage/ PH/ HZ	Max. External Duct Pressure (inwc)
HEU118*AC	1.5 - 3.0	0-10	J	208/240/1/60	24/1/60	0.3
HEU124*BC	1.5 - 3.0	0-10	K	208/240/1/60	24/1/60	0.3
HEU130*CC	1.5 - 3.0	0-10	M	208/240/1/60	24/1/60	0.3
HEU136*DC	1.5 - 3.0	0-10	M	208/240/1/60	24/1/60	0.3

Factory Installed Options

- Louvered access panel.
- Non-louvered access panel
- Thermostatic expansion valves are suitable for both AC and Heat Pump applications.
- Heat Pump applications with electric heat require an electric heat lockout switch – 24V.

Field Installed Options

- Louvered or non-louvered ceiling access panels.

Field Connections

3/4" Male Drain Connection – Primary
 3/4" Male Drain Connection – Secondary
 9/16" Thermostat Cable Connection

Clearance to Combustibles

Top (in)	Back (in)	Sides (in)	Supply Duct (in)
0	0	0	0

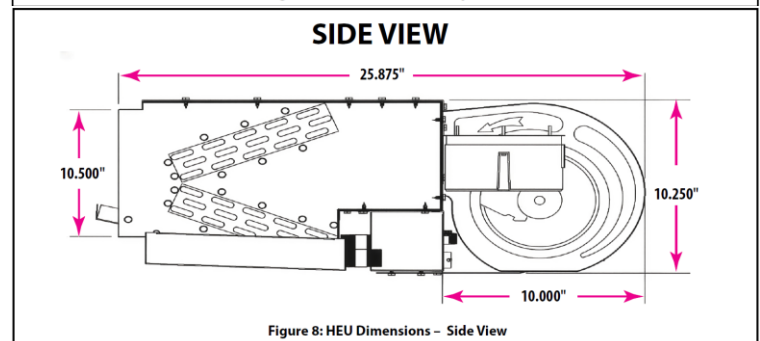
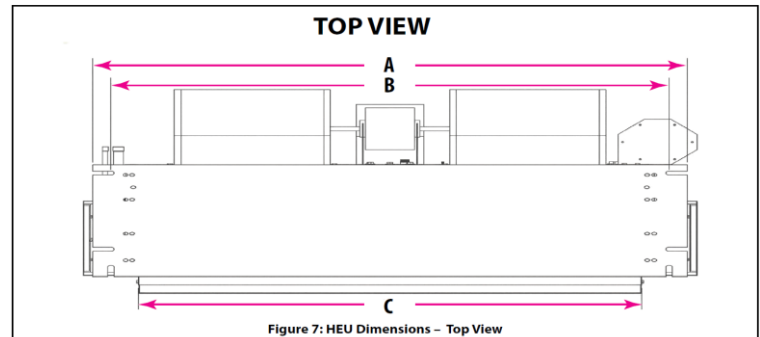
Discharge Opening

Air Filter Sizes

Model	Opening (in)
HEU118*AC	30.25 x 7.50
HEU124*BC	38.25 x 7.50
HEU130*CC	42.25 x 7.50
HEU136*DC	49 x 7.50

Model	Filters
HCPL-1	(2) 16x16x1
HCPL-2	(2) 16x20x1
HCPL-3	(2) 16x25x1
HCPL-4	(2) 16x25x1

Physical Dimensions



Louvered Ceiling Panels



Louvered Ceiling Panel Information

Part No.	Overall frame Dimension	Type	SunTherm Horizontal Fan Coil Models
HCPL-1	27.5 x 43	Louvered	HEU118*AC
HCPL-2	27.5 x 49	Louvered	HEU124*BC
HCPL-3	27.5 x 55.5	Louvered	HEU130*CC
HCPL-4	27.5 x 62.5	Louvered	HEU136*DC
CPNL-1	27.5 x 43	Non-Louvered	HEU118*AC
CPNL-2	27.5 x 49	Non-Louvered	HEU124*BC
CPNL-3	27.5 x 55.5	Non-Louvered	HEU130*CC
CPNL-4	27.5 x 62.5	Non-Louvered	HEU136*DC

