



CEHX Series DX Cooling with Electric Heat

Cased 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 slab AC 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
- 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.

CEHX Series DX Cooling with Electric Heat

Cased Horizontal Ceiling Mounted Air Handler

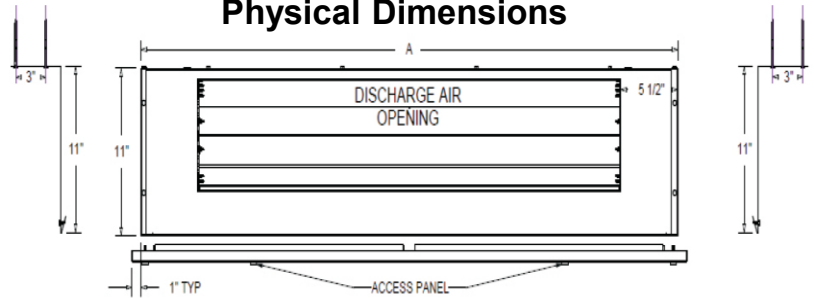
Description:

The High Efficiency Series air handlers are engineered to achieve or exceed today's demanding The CEHX Series horizontal fan coil series is designed for horizontal mounting into a furred down ceiling. This space saving CEHX series handles up to 1150 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 CEHX Series are dual rated for 208/240/1/60. These units are ETL listed..

Unit Information Table

Model No.	Nominal Tons	KW	Blower Code	Voltage/ PH/ HZ	Thermostat Voltage/ PH/ HZ	Max. External Duct Pressure (inwc)
CEHX - 18	1.5 - 3.0	0-10	-1C80	208/240/1/60	24/1/60	0.3
CEHX - 19	1.5 - 3.0	0-10	-1C80	208/240/1/60	24/1/60	0.3
CEHX - 24	1.5 - 3.0	0-10	-1C80	208/240/1/60	24/1/60	0.3
CEHX - 25	1.5 - 3.0	0-10	-1C80	208/240/1/60	24/1/60	0.3
CEHX - 31	1.5 - 3.0	0-10	-1C80	208/240/1/60	24/1/60	0.3
CEHX - 35	1.5 - 3.0	0-10	-1C80	208/240/1/60	24/1/60	0.3
CEHX - 37	1.5 - 3.0	0-10	-1C80	208/240/1/60	24/1/60	0.3

Physical Dimensions



Dimensional Data

Model Number	A	B	C	D	E	F	G
CEHX - 18	41	2.75	7.875	4	3	4.375	2.875
CEHX - 19	41	2.75	7.875	4	3	4.375	2.875
CEHX - 24	41	2.75	7.875	4	3	4.375	2.875
CEHX - 25	47	1.875	6	3	2	3.375	1.875
CEHX - 31	47	1.875	6	3	2	3.375	1.875
CEHX - 35	53.5	3	8.5	4.25	3.25	4.5	3
CEHX - 37	60.5	2	12	4.25	3.25	4.5	3

Clearance to Combustibles

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

Air Filter Sizes

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

Factory Installed Options

- Louvered access panel.
- Non-louvered access panel
- Thermostatic expansion valves are suitable for both AC and Heat Pump applications.

Field Installed Options

- Louvered or non-louvered ceiling access panels.

Discharge Opening

Model	Opening (in)
18/24	30 x 7.25
30	38 x 7.25
34/35	42 x 7.25
36/37	49 x 7.25

Rear Return Knock Out Opening

Model	Opening (in)
18/24	30 x 6.50
30	38 x 6.50
34/35	42 x 6.50
36/37	49 x 6.50

Louvered Ceiling Panels



Louvered Ceiling Panel Information

Part No.	Overall frame Dimension	Type	SunTherm Horizontal Air Handler Models	Ship Wt.
CPL1	27.5 x 43	Louvered	SEHX-18, SEHX-19, SEHX-24	18
CPNL1	27.5 x 43	Non-Louvered	SEHX-24	18
CPL2	27.5 x 49	Louvered	SEHX-25, SEHX-30, SEHX-31	20
CPNL2	27.5 x 49	Non-Louvered	SEHX-31	20
CPL3	27.5 x 55.5	Louvered	SEHX-34, SEHX-35	21
CPNL3	27.5 x 55.5	Non-Louvered	SEHX-34, SEHX-35	21
CPL4	27.5 x 62.5	Louvered	SEHX-36, SEHX-37	22
CPNL4	27.5 x 62.5	Non-Louvered	SEHX-36, SEHX-37	22

