

**CEHX
SERIES™**

Air Handler
DX Cooling with Electric Heat
“Cased” Horizontal Ceiling Mounted Design

Description:

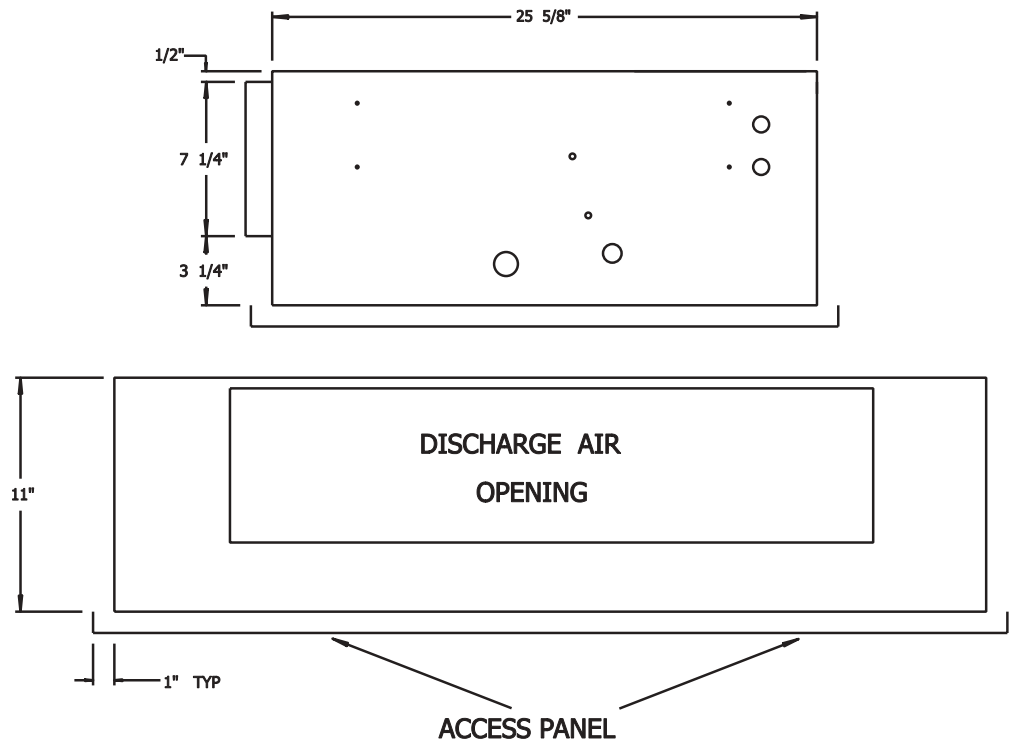
The CEHX Series horizontal fan coil series is designed for horizontal mounting into a furred down ceiling. This space saving CEHX series handles up to 1150 CFM of air movement, up to 3 tons of cooling, and up to 10 KW of electric heat. For cooling requirements, these units are designed to accept coils to match with most brands of AC condensing units. The CEHX Series are dual rated for 208/240 V and are U.L. listed.

- 208-240V / 1 Ph / 60 Hz.
- Space saving design.
- Galvanized steel blower wheels
- Prewired for cooling and heating.
- 208-240V / 40VA transformer.
- Primary and secondary condensation drains.
- Easy access for service and maintenance.
- High efficiency copper.

Options:

- Louvered access panel
- Non-louvered access panel
- Time delay relays

All Technical Specifications Subject to Change Without Notice.



Physical Dimensions:

Model Number	Liq. Line	Suct. Line	Evap. Rows	LENGTH A	DEPTH B	HEIGHT C	Ship Wt.
CEHX-12-XX-07-0C62	3/8	3/4	2	41	25.625	11	75
CEHX-18-XX-0A-0C64	3/8	3/4	3	41	25.625	11	80
CEHX-19-XX-0E-0C64	3/8	3/4	4	41	25.625	11	85
CEHX-24-XX-09-0C64	3/8	3/4	3	41	25.625	11	80
CEHX-25-XX-0H-0C65	3/8	3/4	4	47	25.625	11	95
CEHX-30-XX-0J-0C65	3/8	3/4	3	47	25.625	11	90
CEHX-31-XX-05-0C65	3/8	3/4	4	47	25.625	11	95
CEHX-34-XX-0K-0C65	3/8	3/4	3	53.5	25.625	11	94
CEHX-35-XX-01-0C65	3/8	3/4	4	53.5	25.625	11	100
CEHX-36-XX-0K-0C65	3/8	3/4	3	60.5	25.625	11	105
CEHX-37-XX-01-0C65	3/8	3/4	4	60.5	25.625	11	110

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Performance Data:

Model Number	Nom. CFM	Nom. Cool BTUH	Heat (1)		Total Amps	Min. Circuit Ampacity	(2) Max. Fuse
			KW	BTUH			
CEHX-12	400	12,000	0	0	1	15	15
			3	10,200	14	18	20
			5	17,000	22	28	30
			6	20,500	26	33	40
			8	27,300	34	43	45
CEHX-18/19	600	18,000	0	0	2	15	15
			3	10,200	14	18	20
			5	17,000	22	28	30
			6	20,500	27	34	40
			8	27,300	35	44	45
			10	34,000	44	55	60
CEHX-24	800	24,000	0	0	2	15	15
			3	10,200	14	18	20
			5	17,000	22	28	30
			6	20,500	27	34	40
			8	27,300	35	44	45
			10	34,000	44	55	60
CEHX-25/30/31	1000	30,000	0	0	2	15	15
			3	10,200	15	19	20
			5	17,000	23	29	30
			6	20,500	28	35	40
			8	27,300	36	45	45
			10	34,000	44	55	60
CEHX-34/35	1100	35,000	0	0	3	15	15
			3	10,200	15	19	20
			5	17,000	23	29	30
			6	20,500	28	35	40
			8	27,300	36	45	45
			10	34,000	44	55	60
CEHX-36/37	1200	36,000	0	0	3	15	15
			3	10,200	15	19	20
			5	17,000	23	29	30
			6	20,500	28	35	40
			8	27,300	36	45	45
			10	34,000	44	55	60

Notes: (1) All BTUH heating ratings at 240V - derate heating capacities by 25% for 208V.
(2) Maximum fuse or HACR-type circuit breaker.

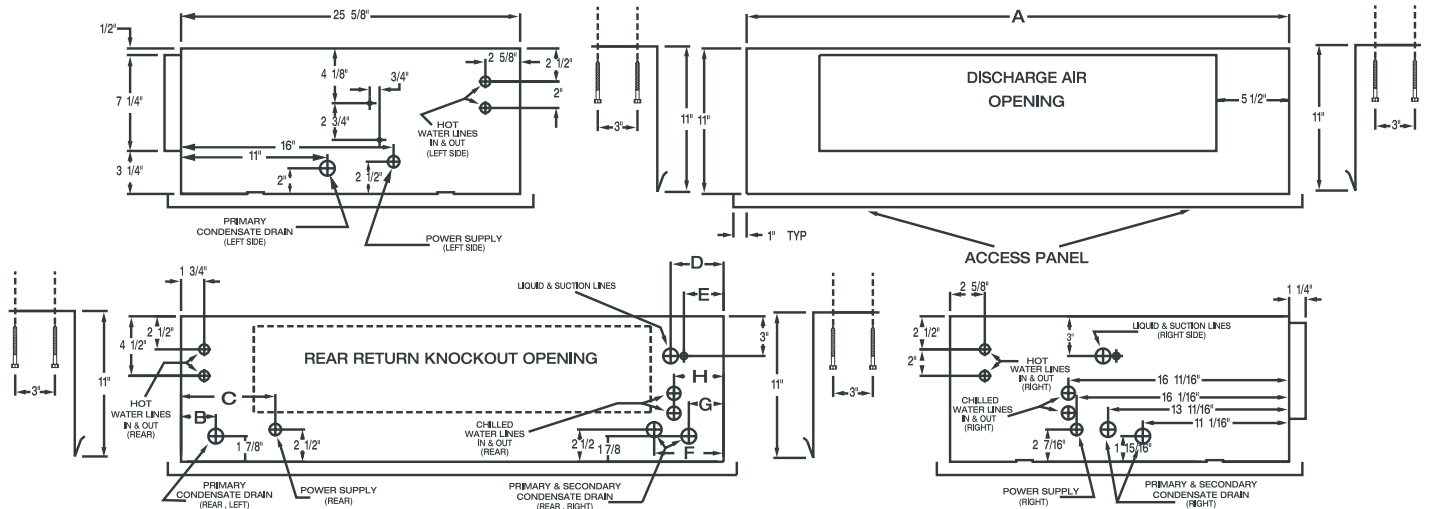
Blower Data:

Model Number	Motor H.P.	CFM vs. External Static Pressure						
		0.0	0.05	0.10	0.15	0.20	0.25	0.30
CEHX-12-XX-07-0C62	1/10	800	775	750	730	704	680	655
CEHX-18-XX-0A-0C64	1/6	810	785	765	740	720	700	680
CEHX-19-XX-0E-0C64	1/6	910	880	855	830	805	785	765
CEHX-24-XX-09-0C64	1/6	950	920	890	875	850	825	805
CEHX-25-XX-0H-0C65	1/4	1160	1130	1100	1070	1040	1020	985
CEHX-30-XX-0J-0C65	1/4	1180	1145	1115	1085	1055	1025	1000
CEHX-31-XX-05-0C65	1/4	1160	1130	1100	1070	1040	1020	985
CEHX-34-XX-0K-0C65	1/4	1256	1212	1172	1133	1084	1059	1029
CEHX-35-XX-01-0C65	1/4	1216	1172	1138	1108	1049	1024	995
CEHX-36-XX-0K-0C65	1/4	1275	1230	1190	1150	1100	1075	1045
CEHX-37-XX-01-0C65	1/4	1235	1190	1155	1125	1065	1040	1010

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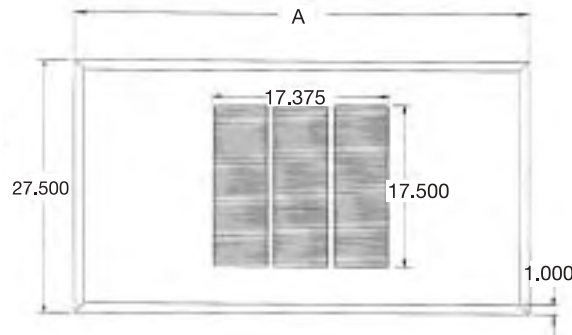
Dimensional Data:



PHYSICAL DIMENSIONS								
MODEL	A	B	C	D	E	F	G	H
18 / 24	41"	2 5/8"	7 1/8"	4"	3"	5 1/4"	2 5/8"	3 3/4"
30	47"	2"	10 1/2"	2 1/2"	1 1/2"	4 5/8"	2"	2 11/16"
34 / 35	53 1/2"	3 1/4"	13 3/4"	3 1/4"	2 3/4"	5 7/8"	3 1/4"	3 15/16"
36 / 37	60 1/2"	3 1/4"	17 1/2"	3 1/4"	2 3/4"	5 7/8"	3 1/4"	3 15/16"

DISCHARGE AIR	
18/24	30" X 7 1/4"
30	38" X 7 1/4"
34/35	42" X 7 1/4"
36/37	49" X 7 1/4"

REAR RETURN KNOCKOUT OPENING	
18/24	30" X 6 1/2"
30	38" X 6 1/2"
34/35	42" X 6 1/2"
36/37	49" X 6 1/2"



All Technical Specifications Subject to Change Without Notice.

Ceiling Access Panels

Part No.	Overall Frame Dimension	Type	SunTherm Horizontal Air Handler Models	Ship Wt.
CPL1	27-1/2x43 (A)	Louvered	CEHX-12, CEHX-18, CEHX-19	18
CPNL1	27-1/2x43 (A)	Non-Louvered	CEHX-24	18
CPL2	27-1/2x49 (A)	Louvered	CEHX-25, CEHX-30, CEHX-31	20
CPNL2	27-1/2x49 (A)	Non-Louvered		20
CPL3	27-1/2x55-1/2 (A)	Louvered	CEHX-34, CEHX-35	21
CPLN3	27-1/2x55-1/2 (A)	Non-Louvered		21
CPL4	27-1/2 X 62-1/2 (A)	Louvered	CEHX-36, CEHX-37	22
CPNL4	27-1/2 x 62-1/2 (A)	Non-Louvered		22