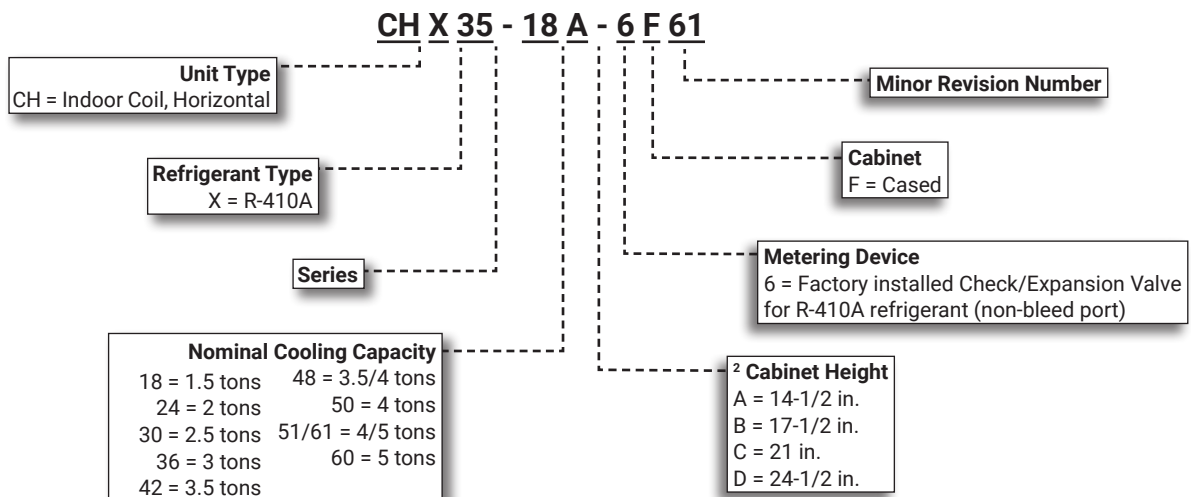


CHX35Horizontal | Cased | TXV | **R-410A****COMMERCIAL
PRODUCT SPECIFICATIONS (EHB)****1.5 to 5 Tons**

NOTE - These coils are sold in Canada for system installation and replacement!
These coils are sold in the US for repair/replacement

**MODEL NUMBER IDENTIFICATION**² Furnaces with the same letter designation physically match the indoor coil.

CONTENTS

Air Resistance	3
Approvals And Warranty	2
Contents	2
Dimensions	4
Dimensions - Furnace/Coil Combined Dimensions	5
Features	2
Model Number Identification.	1
Specifications	3

APPROVALS AND WARRANTY

APPROVALS

- Tested with matching air conditioners and heat pump units in the Lennox Research Laboratory environmental test room in accordance with AHRI Standard 210/240
- AHRI Certified system match-ups and expanded ratings, visit www.LennoxPros.com
- Air resistance tests from Lennox Laboratory air test chamber

WARRANTY

- All other covered components:
 - Limited five years in residential installations
 - Limited one year in non-residential installations

NOTE - Refer to Lennox® Basic Limited Warranty at www.Lennox.com for additional details.

FEATURES

APPLICATIONS

- 1.5 to 5 ton nominal sizes
- Lennox designed horizontal indoor coils can easily be installed with most Lennox horizontal furnaces
- Factory installed R-410A, check/expansion valve

COIL CONSTRUCTION

Quantum™ Coil

- Lennox designed and fabricated coil
- Aluminum tubing, hairpins, distributor and header tubes
- Ripple-edged aluminum fins
- Lanced fins provide maximum exposure of fin surface to air stream
- Rifled tubing provides superior refrigerant heat transfer
- Twin coil construction assembled in an "A" configuration for large surface area
- Non-corrosive, UV-resistant polymer drain pan with dual fpt drain connections
- High pressure testing insures leakproof construction

Check/Expansion Valve

- All models have a factory-installed, internal check/expansion valve
- For use with R-410A systems
- Wide range valve
- Chatleff style fitting
- Expansion valves are externally-equalized, non-bleed port type

CABINET

- Pre-painted heavy gauge steel
- Insulated with thick fiberglass insulation
- Flanges furnished for ease of duct connection
- Engaging holes furnished for alignment with furnace
- Removable panels provide access to coil
- Refrigerant lines extend outside of cabinet for easy connection

Furnace Match-Up

- Coils exactly match corresponding furnaces with same letter designation in model number
- No adaptor required
- Engaging holes furnished for alignment

Refrigerant Line Connections

- Copper refrigerant sweat connections on both liquid and suction lines for easy brazing
- Lines extend outside of the cabinet for ease of connection
- See dimension drawings for locations

Braze-Free/Press Fitting Flexibility

- Units can accommodate braze-free or press fittings for installation versatility

SPECIFICATIONS

1.5 TO 3 TON

General Data		Model No.	CHX35 -18A-6F	CHX35 -24A-6F	CHX35 -24B-6F	CHX35 -30A-6F	CHX35 -30B-6F	CHX35 -36A-6F	CHX35 -36B-6F
Nominal size - tons			1.5	2	2	2.5	2.5	3	3
Factory installed expansion valve			12J18	12J18	12J18	12J18	12J18	12J19	12J19
Line connections in.	Suction o.d. - sweat		7/8	7/8	7/8	7/8	7/8	7/8	7/8
	Liquid o.d. - sweat		3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Condensate drain (fpt)		(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4
Indoor Coil	Net face area sq. ft.		3.5	3.5	4.67	4.33	4.67	3.5	4.67
	Tube diameter - in.		3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Number of rows		2	3	2	3	3	3	2
	Fins per inch		19	13	19	16	13	13	18
Matching Lennox Furnace - Cabinet Width Designation			A	A	B	A	B	A	B
Coil & Furnace Cabinet Height - in.			14-1/2	14-1/2	17-1/2	14-1/2	17-1/2	14-1/2	17-1/2
Shipping Data - lbs.			44	46	50	56	54	48	49

SPECIFICATIONS

3 TO 5 TON

General Data		Model No.	CHX35 -36C-6F	CHX35 -42B-6F	CHX35 -42C-6F	CHX35 -48B-6F	CHX35 -48C-6F	CHX35 -51/61C-6F	CHX35 -60D-6F
Nominal size - Tons			3	3.5	3.5	3.5/4	3.5/4	4/5	5
Factory installed expansion valve			12J19	12J20	12J20	12J20	12J20	12J20	12J20
Line connections in.	Suction o.d. - sweat		7/8	7/8	7/8	7/8	7/8	7/8	7/8
	Liquid o.d. - sweat		3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Condensate drain (fpt)		(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4
Indoor Coil	Net face area sq. ft.		5.83	5.78	5.83	5.78	5.83	7.22	7.94
	Tube diameter - in.		3/8	3/8	3/8	3/8	3/8	3/8	3/8
	Number of rows		2	4	3	3	3	3	3
	Fins per inch		18	13	13	13	13	13	13
Matching Lennox Furnace - Cabinet Width Designation			C	B	C	B	C	C	D
Coil & Furnace Cabinet Height - in.			21	17-1/2	21	17-1/2	21	21	24-1/2
Shipping Data - lbs.			56	67	67	61	60	70	79

AIR RESISTANCE

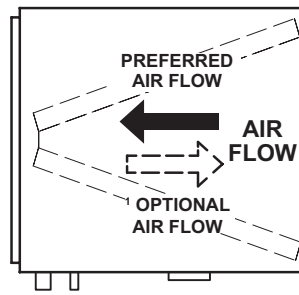
Air Volume cfm	Total Air Resistance - in. w.g.													
	CHX35-18A-6F		CHX35-24A-6F		CHX35-24B-6F		CHX35-30A-6F		CHX35-30B-6F		CHX35-36A-6F		CHX35-36B-6F	
	Dry Coil	Wet Coil	Dry Coil	Wet Coil	Dry Coil	Wet Coil	Dry Coil	Wet Coil	Dry Coil	Wet Coil	Dry Coil	Wet Coil	Dry Coil	Wet Coil
200	0.02	0.02	---	---	---	---	---	---	---	---	---	---	---	---
400	0.05	0.06	0.04	0.05	0.03	0.04	0.04	0.05	0.02	0.02	---	---	---	---
600	0.09	0.11	0.09	0.11	0.05	0.07	0.09	0.10	0.05	0.06	---	---	---	---
800	0.15	0.17	0.15	0.19	0.09	0.11	0.15	0.17	0.09	0.11	0.15	0.18	0.08	0.10
1000	0.22	0.25	0.23	0.29	0.15	0.17	0.24	0.27	0.14	0.16	0.22	0.27	0.11	0.16
1200	---	---	0.32	0.40	0.21	0.23	0.34	0.38	0.19	0.23	0.30	0.39	0.16	0.21
1400	---	---	0.43	0.50	0.28	0.30	0.45	0.51	0.26	0.30	0.41	0.48	0.21	0.27
1600	---	---	---	---	---	---	---	---	---	---	0.53	0.63	0.27	0.35

AIR RESISTANCE

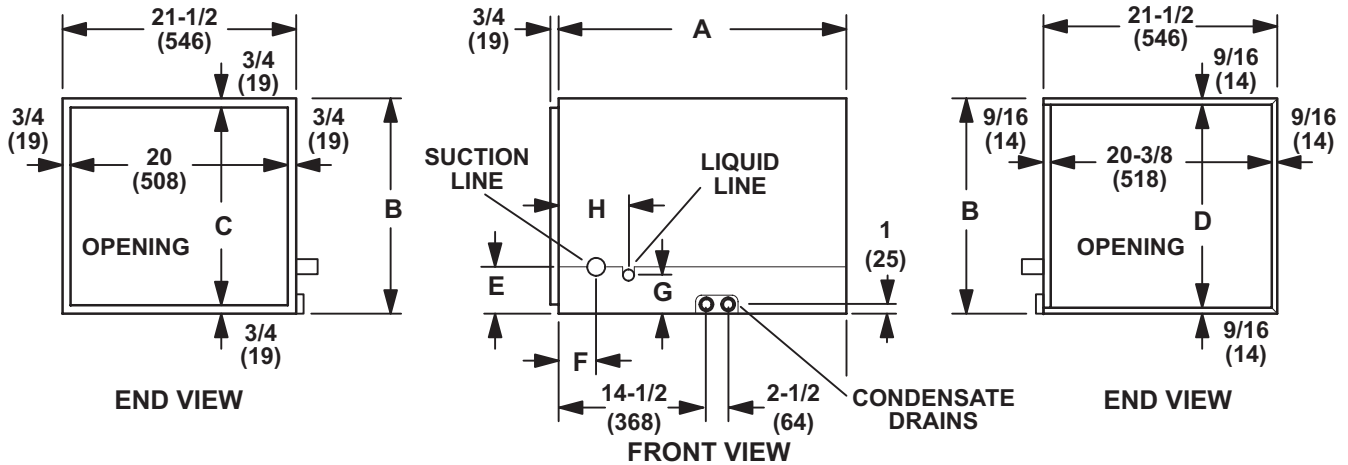
Air Volume cfm	CHX35-36C-6F		CHX35-42B-6F		CHX35-42C-6F		CHX35-48B-6F		CHX35-48C-6F		CHX35-51/61C-6F		CHX35-60D-6F	
	Dry Coil	Wet Coil	Dry Coil	Wet Coil	Dry Coil	Wet Coil	Dry Coil	Wet Coil	Dry Coil	Wet Coil	Dry Coil	Wet Coil	Dry Coil	Wet Coil
800	0.06	0.08	0.10	0.10	0.06	0.06	---	---	---	---	---	---	---	---
1000	0.10	0.13	0.14	0.18	0.09	0.10	0.14	0.16	---	---	---	---	---	---
1200	0.15	0.18	0.20	0.25	0.15	0.16	0.19	0.23	0.16	0.19	0.15	0.16	---	---
1400	0.19	0.23	0.26	0.31	0.18	0.21	0.25	0.29	0.21	0.26	0.20	0.23	0.12	0.16
1600	0.24	0.31	0.34	0.36	0.26	0.28	0.30	0.38	0.27	0.30	0.25	0.29	0.16	0.20
1800	---	---	0.42	0.47	0.31	0.38	0.38	0.42	0.33	0.39	0.31	0.36	0.20	0.24
2000	---	---	---	---	---	---	---	---	0.39	0.49	0.40	0.44	0.24	0.30
2200	---	---	---	---	---	---	---	---	---	---	0.48	0.54	0.29	0.36
2400	---	---	---	---	---	---	---	---	---	---	---	---	0.34	0.42

DIMENSIONS

¹ Optional right-hand airflow requires a field fabricated 6 in. (152 mm) spacer in-between the furnace and coil.

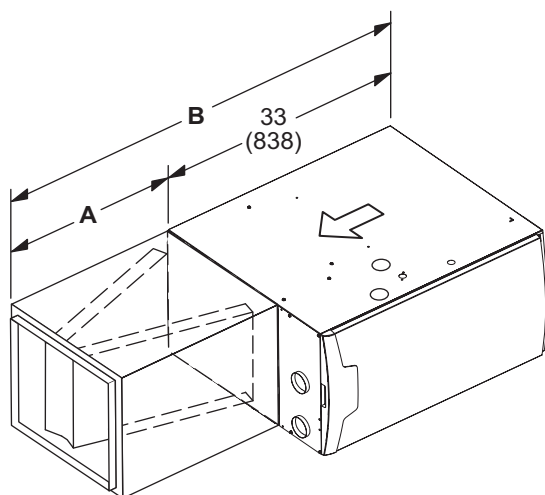


TOP VIEW



Model No.	A		B		C		D		E		F		G		H	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
CHX35-18A-6F	26-1/2	673	14-1/2	368	13	330	13-3/8	340	3-1/4	83	1-3/4	44	3-3/8	86	4-3/8	111
CHX35-24A-6F	26-1/2	673	14-1/2	368	13	330	13-3/8	340	3-1/4	83	1-3/4	44	3-3/8	86	4-3/8	111
CHX35-24B-6F	26-1/2	673	17-1/2	444	16	406	16-3/8	416	3-1/4	83	1-3/4	44	3-3/8	86	4-3/8	111
CHX35-30A-6F	31-1/2	800	14-1/2	368	13	330	13-3/8	340	3-1/4	83	1-3/4	44	3-3/8	86	4-3/8	111
CHX35-30B-6F	26-1/2	673	17-1/2	444	16	406	16-3/8	416	3-1/4	83	1-3/4	44	3-3/8	86	4-3/8	111
CHX35-36A-6F	26-1/2	673	14-1/2	368	13	330	13-3/8	340	3-1/4	83	1-3/4	44	3-3/8	86	4-3/8	111
CHX35-36B-6F	26-1/2	673	17-1/2	444	16	406	16-3/8	416	3-1/4	83	1-3/4	44	3-3/8	86	4-3/8	111
CHX35-36C-6F	26-1/2	673	21	533	19-1/2	495	19-7/8	505	3-1/4	83	1-3/4	44	3-3/8	86	4-3/8	111
CHX35-42B-6F	31-1/2	800	17-1/2	444	16	406	16-3/8	416	3-1/4	83	1-3/4	44	3-3/8	86	4-3/8	111
CHX35-42C-6F	26-1/2	673	21	533	19-1/2	495	19-7/8	505	3-1/4	83	1-3/4	44	3-3/8	86	4-3/8	111
CHX35-48B-6F	31-1/2	800	17-1/2	444	16	406	16-3/8	416	3-1/4	83	1-3/4	44	3-3/8	86	4-3/8	111
CHX35-48C-6F	26-1/2	673	21	533	19-1/2	495	19-7/8	505	3-1/4	83	1-3/4	44	3-3/8	86	4-3/8	111
CHX35-51/61C-6F	31-1/2	800	21	533	19-1/2	495	19-7/8	505	3-1/4	83	1-3/4	44	3-3/8	86	4-3/8	111
CHX35-60D-6F	31-1/2	800	24-1/2	622	23	584	23-3/8	594	3-1/4	83	1-3/4	44	3-1/4	83	4-3/8	111

DIMENSIONS - FURNACE/COIL COMBINED DIMENSIONS



HORIZONTAL POSITION

Model No.		A		B	
		in.	mm	in.	mm
CHX35					
CHX35-18A, CHX35-24A, CHX35-24B, CHX35-30B,	CHX35-36A, CHX35-36B, CHX35-36C, CHX35-42C, CHX35-48C	26-1/2	673	59-1/2	1511
CHX35-30A, CHX35-42B, CHX35-48B,	CHX35-51/61C, CHX35-60D	31-1/2	880	64-1/2	1638



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Contact us at 1-800-9-LENNOX

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