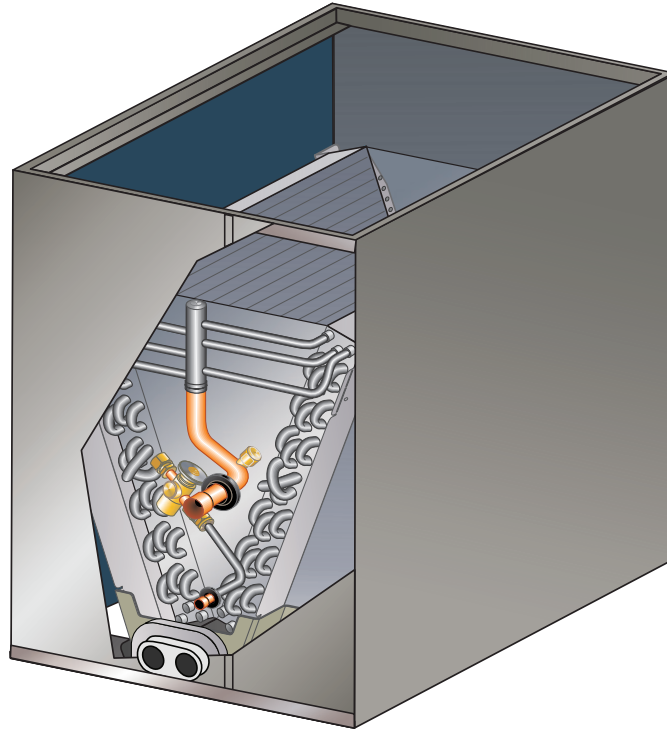




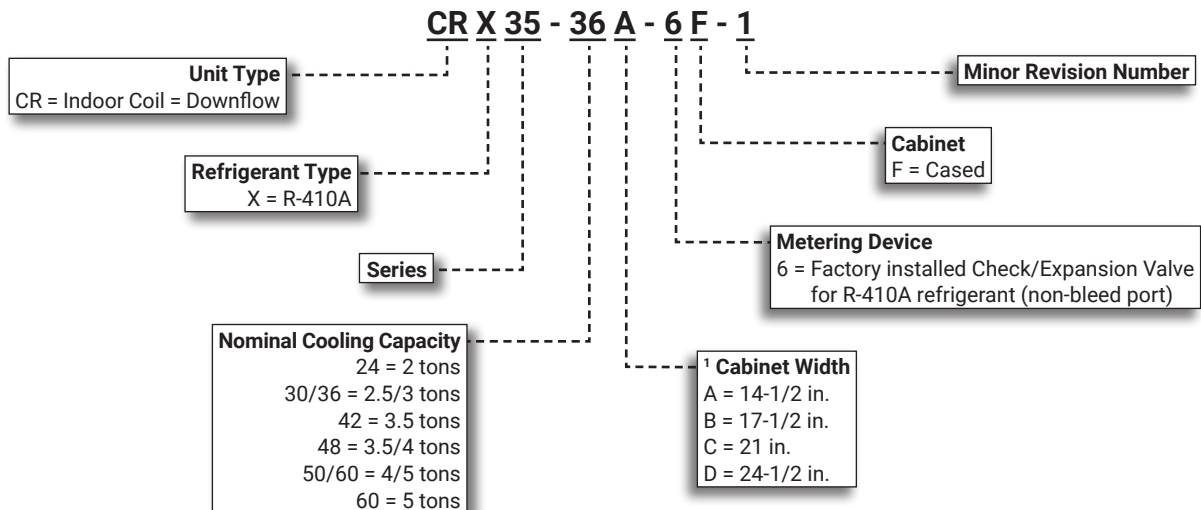
**RESIDENTIAL
PRODUCT SPECIFICATIONS**

Bulletin No. 210955
September 2023
Supersedes August 2023



2 to 5 Tons

MODEL NUMBER IDENTIFICATION



¹ Furnaces with the same letter designation physically match the indoor coil.

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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 210/240-2023
- 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

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

COIL CONSTRUCTION

Quantum™ Coil

- Lennox designed and fabricated coil
- Aluminum tubing, hairpins, distributor and header tubes
- Copper refrigerant sweat connections on both liquid and suction lines for easy brazing
- 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 "V" configuration for large surface area
- High pressure testing insures leak-proof construction

Anti-Microbial Drain Pan

- Non-corrosive, UV-resistant polymer drain pan with dual fpt drain connections
- Anti-Microbial additive resists growth of mold and mildew on drain pan which improves indoor air quality and reduces drain line blockage

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
- Coil slides out of cabinet for ease of servicing
- Removable panels provide access to coil
- Refrigerant lines extend outside of cabinet for easy installation

Furnace Match-Up

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

NOTE - "D" width coils do not match "C" width furnace width or openings. See Physical Matches drawing on page 5

SPECIFICATIONS

2 TO 3 TON

General Data		Model No.	CRX35-24A-F	CRX35-24B-F	CRX35-30/36B-F	CRX35-30/36C-F
	Nominal size - Tons		2	2	2.5 / 3	2.5 / 3
	Factory installed expansion valve		12J18	12J18	12J19	12J19
Line connections in.	Suction / vapor o.d. - sweat		7/8	7/8	7/8	7/8
	Liquid o.d. - sweat		3/8	3/8	3/8	3/8
	Condensate drain (fpt)		(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4
Indoor Coil	Net face area sq. ft.		4.08	4.08	4.67	4.67
	Tube diameter - in.		3/8	3/8	3/8	3/8
	Number of rows		3	3	3	3
	Fins per inch		14	14	14	14
Shipping weight	lbs.		44	51	52	60

SPECIFICATIONS

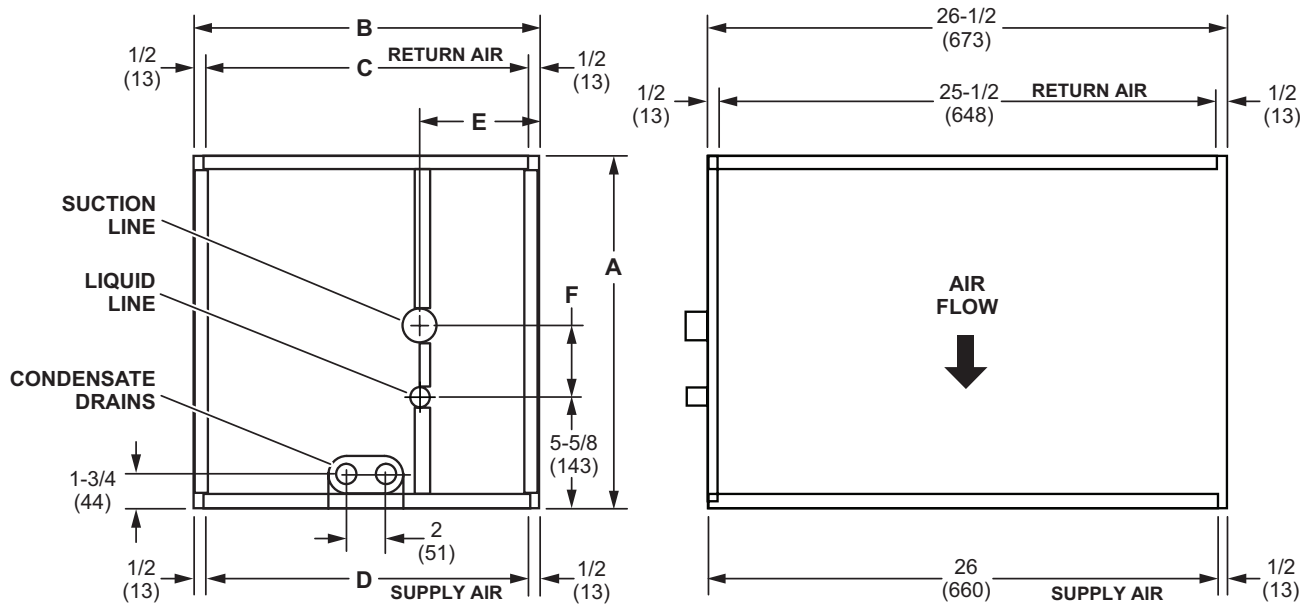
4 TO 5 TON

General Data		Model No.	CRX35-42B-F	CRX35-48C-F	CRX35-50/60C-F	CRX35-60D-F
	Nominal size - Tons		3.5	4	4 / 5	5
	Factory installed expansion valve		12J20	12J20	12J20	12J20
Line connections in.	Suction / vapor o.d. - sweat		7/8	7/8	7/8	7/8
	Liquid o.d. - sweat		3/8	3/8	3/8	3/8
	Condensate drain (fpt)		(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4
Indoor Coil	Net face area sq. ft.		5.83	6.42	7.00	7.00
	Tube diameter - in.		3/8	3/8	3/8	3/8
	Number of rows		3	3	3	3
	Fins per inch		14	14	14	14
Shipping weight	lbs.		65	69	71	75

AIR RESISTANCE

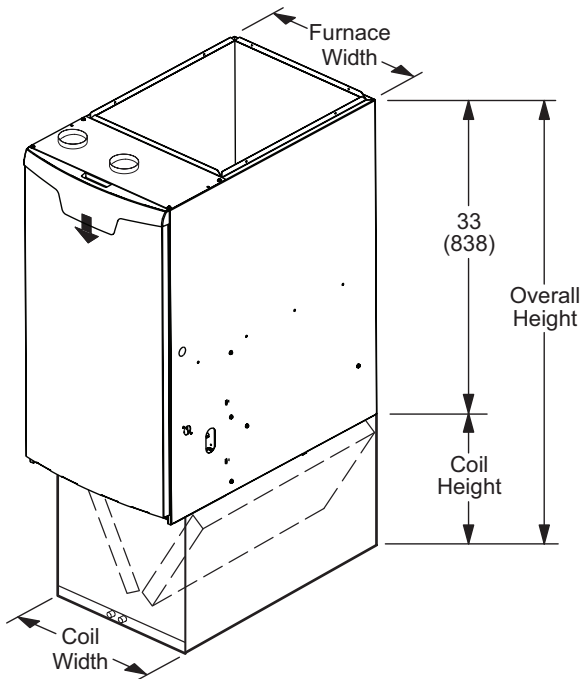
Model No.	Air Volume cfm	Total Resistance		Model No.	Air Volume cfm	Total Resistance	
		Dry Coil in. w.g.	Wet Coil in. w.g.			Dry Coil in. w.g.	Wet Coil in. w.g.
CRX35-24A-F	400	0.08	0.09	CRX35-48C-F	800	0.09	0.10
	600	0.16	0.18		1000	0.11	0.13
	800	0.29	0.33		1200	0.15	0.18
	1000	0.45	0.49		1400	0.21	0.23
CRX35-24B-F	600	0.11	0.13		1600	0.26	0.30
	800	0.18	0.19		1800	0.34	0.37
	1000	0.27	0.29	2000	0.4	0.44	
	1200	0.35	0.39	CRX35-50/60C-F	800	0.09	0.11
	1400	0.47	0.51		1000	0.12	0.14
CRX35-30/36B-F	600	0.1	0.12		1200	0.16	0.20
	800	0.15	0.18		1400	0.22	0.24
	1000	0.24	0.27		1600	0.27	0.32
	1200	0.32	0.36	1800	0.33	0.38	
	1400	0.43	0.47	2000	0.4	0.46	
CRX35-30/36C-F	600	0.05	0.08	CRX35-60D-F	800	0.09	0.08
	800	0.09	0.12		1000	0.13	0.13
	1000	0.13	0.17		1200	0.18	0.16
	1200	0.17	0.23		1400	0.16	0.21
	1400	0.24	0.30		1600	0.2	0.26
CRX35-42B-F	600	0.08	0.10		1800	0.24	0.32
	800	0.12	0.14	2000	0.29	0.39	
	1000	0.18	0.22				
	1200	0.25	0.30				
	1400	0.34	0.39				
	1600	0.43	0.49				

DIMENSIONS



Model Number	A (Height)		B (Width)		C		D		E		F	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
CRX35-24A-F	18	457	14 -1/2	368	13-1/2	343	13-1/2	343	4-5/8	117	3-5/8	92
CRX35-24B-F	18	457	17-1/2	445	16-1/2	419	16-1/2	419	6-1/8	155	3-5/8	92
CRX35-30/36B-F	23-1/2	597	17-1/2	445	16-1/2	419	16-1/2	419	6-1/8	155	4-3/4	121
CRX35-30/36C-F	23-1/2	597	21	533	20	508	20	508	7-7/8	200	4-3/4	121
CRX35-42B-F	23-1/2	597	17-1/2	445	16-1/2	419	16-1/2	419	6-1/8	155	6-3/8	162
CRX35-48C-F	27-1/2	699	21	533	20	508	20	508	7-7/8	200	8-5/8	219
CRX35-50/60C-F	27-1/2	699	21	533	20	508	20	508	7-7/8	200	10	254
CRX35-60D-F	27-1/2	699	24-1/2	622	23-1/2	597	23-1/2	597	9-5/8	244	10-1/2	267

DIMENSIONS - FURNACE/COIL COMBINED DIMENSIONS



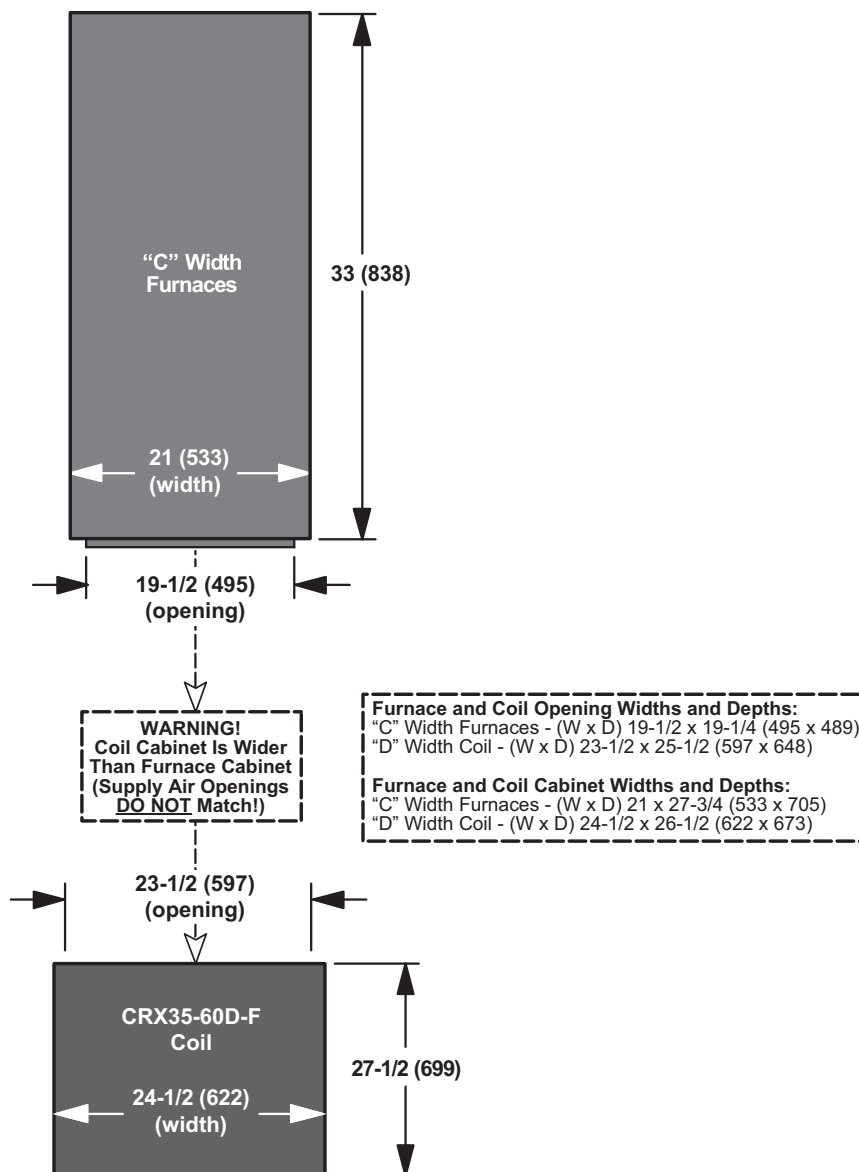
Model Number	Coil Width		Furnace Width		Coil Height		Overall Height	
	in.	mm	in.	mm	in.	mm	in.	mm
CRX35-24A-F	14-1/2	368	14-1/2	368	18	457	51	1295
CRX35-24B-F	17-1/2	445	17-1/2	445	18	457	51	1295
CRX35-30/36B-F	17-1/2	445	17-1/2	445	23-1/2	597	56-1/2	1435
CRX35-30/36C-F	21	533	21	533	23-1/2	597	56-1/2	1435
CRX35-42B-F	17-1/2	445	17-1/2	445	23-1/2	597	56-1/2	1435
CRX35-48C-F	21	533	21	533	27-1/2	699	60-1/2	1537
CRX35-50/60C-F	21	533	21	533	27-1/2	699	60-1/2	1537
CRX35-60D-F	24-1/2	622	24-1/2	622	27-1/2	699	60-1/2	1537

DIMENSIONS

PHYSICAL MATCHES

DOWNFLOW GAS FURNACES – “C” WIDTH FURNACES WITH “D” WIDTH COIL

(NOTE – Coil DOES NOT match furnace cabinet width and depth or supply air opening width and depth!)



REVISIONS

Sections	Description of Change
Dimensions	Added Physical Match-Up for "C" width furnaces with "D" width coil.



Visit us at www.Lennox.com

For the latest technical information, www.LennoxPros.com

Contact us at 1-800-9-LENNOX

NOTE - Due to Lennox' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.

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