

EVAPORATOR COILS

PRODUCT SPECIFICATIONS

EVAPORATOR COILS FEATURES

- **Total Corrosion Protection** our advanced evaporator coil helps protect against leaks and corrosion for long term performance
- Microban® antimicrobial additive in the drain pan to resist mold and mildew growth
- Aluminum tubing, hairpins, distributors and header tubes. Copper refrigerant connections for easy brazing to both liquid and suction lines.
- Pre-formed flanges in outlet for quick and easy plenum connections
- One of the lowest water retention drain pans in the industry to minimize mold and mildew growth
- Interlocking door assemblies and snug line seal grommets to minimize air leakage
- Foil-face insulation for easy cleaning
- Tubing located at door split for easy coil service or cleaning
- All drain pans are compatible with UV lights
- All piston coils are compatible with R22 or R410a
- 10-year limited parts warranty available when applied with a system. See limited warranty document for details.

Upflow Coils

NCUCT4 (Cased)

- Dedicated upflow
- Factory installed TXV for quick installation in high efficiency applications
- Tightly sealed, painted steel cabinet with wall to wall insulation to ensure <2% air leakage
- Single protruding right side dual drain port for easy installation and service access

NCUUP4 (Uncased)

- Dedicated upflow
- Orifice assembly designed for easy changing of orifice sizes and fast TXV connections
- Single protruding right side dual drain port for easy installation and service access

Horizontal Coils

NCHCT4 (Cased)

- Dedicated horizontal
- Factory installed TXV for quick installation in high efficiency applications
- Insulated galvanized steel case with durable embossed finish
- Removable panels provide access to coil
- Refrigerant lines extend outside of the cabinet for easy connection

Downflow Coils

NCDCT4 (Cased)

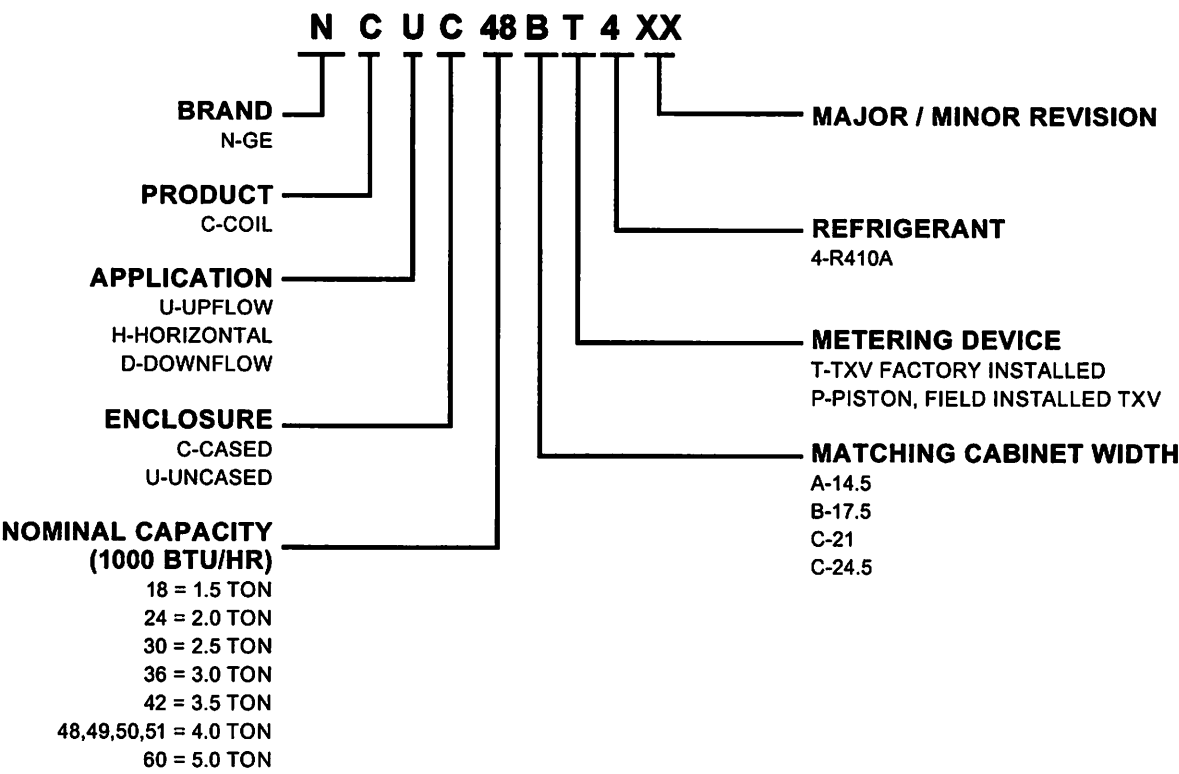
- Dedicated downflow
- Factory installed TXV for quick installation in high efficiency applications
- Heavy-gauge steel constructed cabinet for optimal support of the furnace, no need for additional bracing or structure
- Coils exactly match the corresponding furnaces with the same letter designation in the model number
- Coil slides out and cabinet panels are removable for ease of service
- Single protruding dual drain port for easy installation and service access

WARRANTY

See warranty document for details.



MODEL NUMBER GUIDE



NCDCT4

SPECIFICATIONS		1.5 TO 3 TON			
		NCDC24A	NCDC24B	NCDC3036B	NCDC3036C
General Data	Nominal size - tons	2	2	2.5 / 3	2.5 / 3
Line Connections in. (mm)	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. (m ²)	4.08	4.08	4.67	4.67
	Tube diameter - in. (mm)	3/8	3/8	3/8	3/8
	Number of rows	3	3	3	3
	Fins per in. (m)	14	14	14	14
Shipping Weight	lbs. (kg) 1 package	44	51	52	60

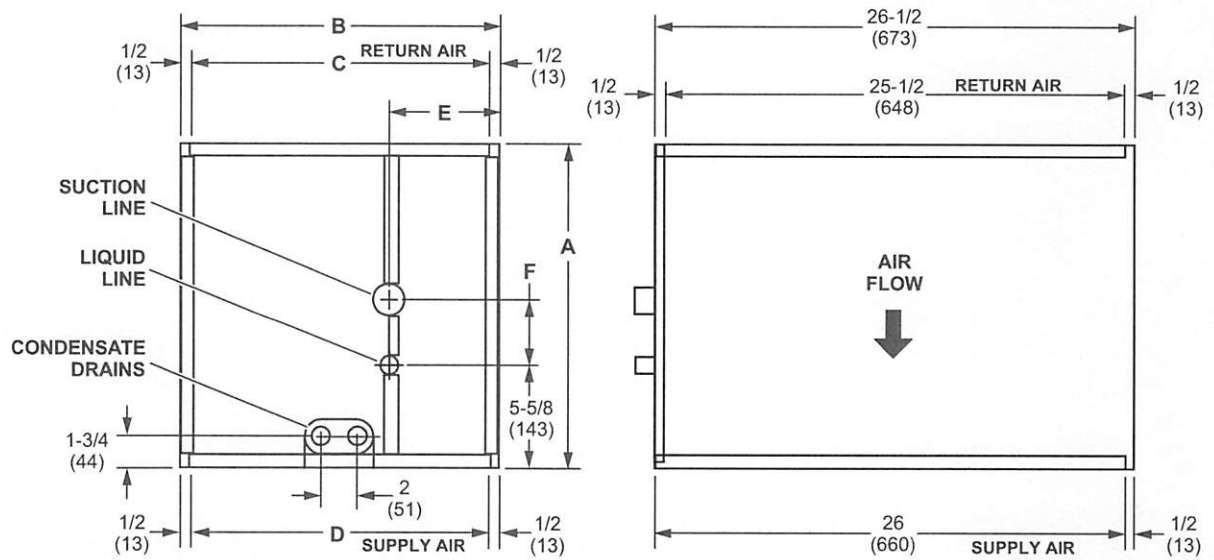
SPECIFICATIONS		2.5 TO 5 TON			
		NCDC42B	NCDC48C	NCDC5060C	NCDC60D
General Data	Nominal size - tons	3.5	4	4 / 5	5
Line Connections in. (mm)	Suction / vapor o.d. - sweat	7/8	7/8	7/8	7/8
	Liquid o.d. - sweat	3/8	3/8	3/8	3/8
	Condensate drain (fpt)	(2) 3/4	(2) 3/4	(2) 3/4	(2) 3/4
Indoor Coil	Net face area sq. ft. (m ²)	5.83	6.42	7.00	7.00
	Tube diameter - in. (mm)	3/8	3/8	3/8	3/8
	Number of rows	3	3	3	3
	Fins per in. (m)	14	14	14	14
Shipping Weight	lbs. (kg) 1 package	65	69	71	75

NCDCT4**AIR RESISTANCE**

Model No.	Air Volume	Total Resistance	
		Dry Coil	Wet Coil
	cfm	in. w.g.	in. w.g.
NCD24A	400	0.08	0.09
	600	0.16	0.18
	800	0.29	0.33
	1000	0.45	0.49
NCD24B	600	0.11	0.13
	800	0.18	0.19
	1000	0.27	0.29
	1200	0.35	0.39
	1400	0.47	0.51
NCD3036B	600	0.1	0.12
	800	0.15	0.18
	1000	0.24	0.27
	1200	0.32	0.36
	1400	0.43	0.47
NCD3036C	600	0.05	0.08
	800	0.09	0.12
	1000	0.13	0.17
	1200	0.17	0.23
	1400	0.24	0.30
NCD42B	600	0.08	0.10
	800	0.12	0.14
	1000	0.18	0.22
	1200	0.25	0.30
	1400	0.34	0.39
	1600	0.43	0.49

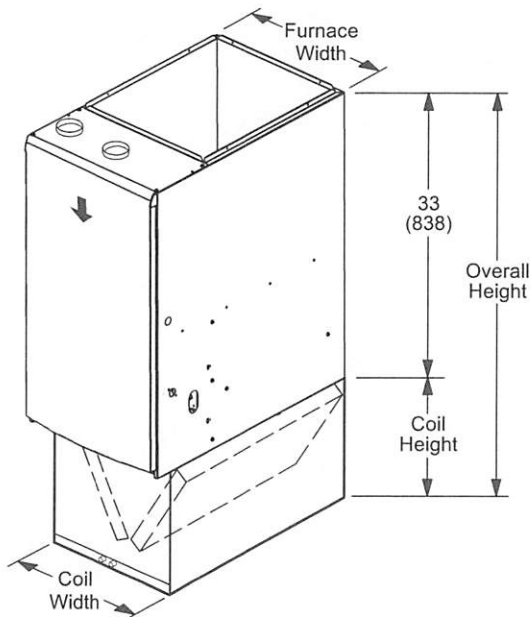
Model No.	Air Volume	Total Resistance	
		Dry Coil	Wet Coil
	cfm	in. w.g.	in. w.g.
NCD48C	800	0.09	0.10
	1000	0.11	0.13
	1200	0.15	0.18
	1400	0.21	0.23
	1600	0.26	0.30
	1800	0.34	0.37
NCD5060C	2000	0.4	0.44
	800	0.09	0.11
	1000	0.12	0.14
	1200	0.16	0.20
	1400	0.22	0.24
	1600	0.27	0.32
NCD60D	1800	0.33	0.38
	2000	0.4	0.46
	800	0.09	0.08
	1000	0.13	0.13
	1200	0.18	0.16
	1400	0.16	0.21
	1600	0.2	0.26
	1800	0.24	0.32
	2000	0.29	0.39

NCDCT4



Model Number	A (Height)		B (Width)		C		D		E		F	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
NCDC24A	18	457	14 -1/2	368	13-1/2	343	13-1/2	343	4-5/8	117	3-5/8	92
NCDC24B	18	457	17-1/2	445	16-1/2	419	16-1/2	419	6-1/8	155	3-5/8	92
NCDC3036B	23-1/2	597	17-1/2	445	16-1/2	419	16-1/2	419	6-1/8	155	4-3/4	121
NCDC3036C	23-1/2	597	21	533	20	508	20	508	7-7/8	200	4-3/4	121
NCDC42B	23-1/2	597	17-1/2	445	16-1/2	419	16-1/2	419	6-1/8	155	6-3/8	162
NCDC48C	27-1/2	699	21	533	20	508	20	508	7-7/8	200	8-5/8	219
NCDC5060C	27-1/2	699	21	533	20	508	20	508	7-7/8	200	10	254
NCDC60D	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
NCDC24A	14-1/2	368	14-1/2	368	18	457	51	1295
NCDC24B	17-1/2	445	17-1/2	445	18	457	51	1295
NCDC3036B	17-1/2	445	17-1/2	445	23-1/2	597	56-1/2	1435
NCDC3036C	21	533	21	533	23-1/2	597	56-1/2	1435
NCDC42B	17-1/2	445	17-1/2	445	23-1/2	597	56-1/2	1435
NCDC48C	21	533	21	533	27-1/2	699	60-1/2	1537
NCDC5060C	21	533	21	533	27-1/2	699	60-1/2	1537
NCDC60D	24-1/2	622	24-1/2	622	27-1/2	699	60-1/2	1537