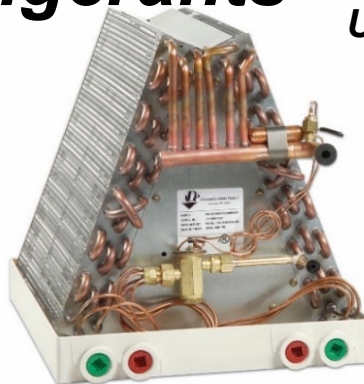


Specification Guide

Evaporator Coils for Lennox for A2L Refrigerants



*Upflow/Multi-position
Downflow
Horizontal
Plenum
Mobile Home*



Product improvement is a continuous process at Advanced Distributor Products. Therefore, product specifications are subject to change without notice and without obligation on our part. Please contact your ADP representative or distributor to verify details.

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Nomenclature

L	C	18/30	M	A	A	L	G
Series L = Lennox						Cabinet Color G = Painted (Lennox Gray) Blank = Embossed	
Configuration C = Cased vertical M = Cased multi-position U = Uncased						Refrigerant Detection System (Field Configurable) R = RDS Controller & Sensor (Factory Installed) L = Leak Detection Sensor only (Factory Installed) N = Not Included (Field Installed)	
MIN / MAX BTU TONNAGE						WIDTH* <u>Cased</u> <u>Uncased</u> A = 14.50" A = 14.00" B = 17.50" V = 15.50" C = 21.00" B = 17.00" D = 24.50" M = 18.00" ** X = 25.75" C = 20.00" D = 20.50" X = 25.12"	
Slab Letter K, M, N, P, S, T, Y = Copper slab L, U, V, Z = Aluminum slab						*Height not Selectable ** M Width denotes Mobile Home Coil	
Refrigerant Type & Metering Device (Field Configurable) 1 = Piston A = R454B Non-bleed HP-A/C TXV							

Piston factory installed to match the nominal BTU rating of the coil.

L	P	18/37	R	A	A	L	C
Series L = Lennox						Cabinet Length C = 35.00 Length (LP only) D = 40.00 Length (LP only) Blank = Not Selectable for LH models	
Configuration H = Dedicated Horizontal P = Plenum Coil						Refrigerant Detection System (Field Configurable) R = RDS Controller & Sensor (Factory Installed) L = Leak Detection Sensor only (Factory Installed) N = Not Included (Field Installed)	
MIN / MAX BTU TONNAGE						Cabinet Height A = 14.50 Width (LC/M) B = 17.50 Width (LC/M) C = 21.00 Width (LC/M) D = 24.50 Width (LC/M)	
Slab Designation Cu = C, D, E, F Al = Q, R, W, X							
Refrigerant Type & Metering Device (Field Configurable) 1 = Piston A = R454B Non-bleed HP-A/C TXV							

Notes:

1. Top refrigerant connections
2. Plenum coil available in Aluminum only
3. Piston factory installed to match the nominal BTU rating of the coil.

L	D	30/36	Y	A	B	L
Series L = Lennox						Refrigerant Detection System (Field Configurable) R = RDS Controller & Sensor (Factory Installed) L = Leak Detection Sensor only (Factory Installed) N = Not Included (Field Installed)
Configuration D = Dedicated Downflow						Cabinet Width A = 14.50 B = 17.50 C = 21.00 D = 24.50
MIN / MAX BTU TONNAGE						Refrigerant Type & Metering Device (Field Configurable) 1 = Piston A = R454B Non-bleed HP-A/C TXV
Slab Letter Y = Copper slan Z = Aluminum slab						

Product Features

General Features

- High efficiency lanced fin design.
- “No-hassle” 5-year warranty.
- R-454B, R-32, AC & Heat Pump compatible with Refrigerant Detection System
- Refrigerant detection sensor bracket factory installed
- Heavy gauge cabinets fully lined with 5/8" foil faced insulation.
- All coils have durable packaging with bar coded labels on the box.
- Coils are air pressure tested at 500 psi, leak tested with helium, sealed with rubber plugs, then charged with dry air.
- Threaded expansion valves available factory installed or as a field installed kit.
- UV resistant drain pans are molded of high temperature (450° F) engineered polymer.
- Microban® antimicrobial additive to inhibit the growth of mold and mildew in the drain pan.
- Patented HydroTEC™ low water retention drain pan.
- Liquid line refrigerant connections are 3/8" ODF.
- Copper refrigerant connections for easy brazing on aluminum slab models.

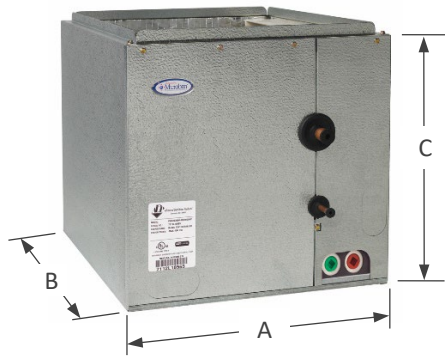
Upflow / Multi-position & Downflow A-Coil

- Corrosion resistant coil header plates.
- Cabinet insulation hold down tabs for easy drain pan removal.
- Interlocking doors reduce air leakage and allow for easy access.
- Enhanced refrigerant pipe grommets: secure, tight, and easy to install.
- Intertek lab tested 1% or less cabinet air leakage for better efficiency.
- Foam drain seal for reduced air leakage.
- Non-captive refrigerant lines with long stubs make for easy installation.
- Dual 3/4" FPT condensate drains on front-left and front-right side of drain pans.
- Suction line refrigerant connections are 3/4" ODF (18-36 size models) or 7/8"ODF (42-60 size models).
- Expansion valve with improved temperature sensing:
 1. Mounted inside cabinet to prevent external sweating
 2. Bulb clamped standard factory installed

Horizontal & Plenum Coil

- High efficiency lanced fin design.
- Dual 3/4" FPT condensate drains on front and back of coil allows flexibility of placement to accommodate left or right airflow furnaces.
- Non-captive panels allow access to inside of cabinet without the need to cut refrigerant lines.
- Easy to remove access panel for easy cleaning. (4) screws only.
- Dedicated cutouts for condensate drains reduce air leakage.
- Easy to use filler strip, if coil dimensions are larger than furnace.
- Refrigerant connections on top of coil.
- Refrigerant connections in center of coil away from airflow path.
- Refrigerant connections are 3/8" ODF liquid and 7/8" ODF suction.

Cased Dimensions



A = Width
B = Depth
C = Height (excluding 3/4" top flange)

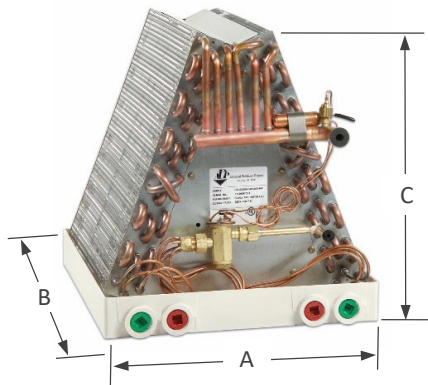
Supply Opening: (A - 1.5") x (B - 1.5")

Return Opening: (A - 1.0") x (B - 0.5")

* K, M, N, S, T, P, & Y = Copper slab; L, U, V, & Z = Aluminum slab.

Min / Max BTU	Slab Letter *	Cabinet / Drain Pan Dimension Code	Width [A]	Depth [B]	Height [C]		Suction Line	Liquid Line	Weight (CU / AL) (lbs)		Pallet Qty
					Vertical	Multi-Position			Vertical	Multi-Position	
LC18/30	S	A	14.5"	21"	16.5"	n/a	3/4"	3/8"	34 / 27	n/a	12
		B	17.5"	21"	16.5"	n/a	3/4"	3/8"	34 / 27	n/a	8
LC(M)18/36	S	A	14.5"	21"	16.5"	16.5"	3/4"	3/8"	38 / 30	46 / 37	12
		B	17.5"	21"	16.5"	n/a	3/4"	3/8"	38 / 30	n/a	8
LC(M)18/36	T, V	A	14.5"	21"	18.5"	n/a	3/4"	3/8"	44 / 35	n/a	12
		B	17.5"	21"	18.5"	20.5"	3/4"	3/8"	44 / 35	50 / 40	8
		C	21.0"	21"	18.5"	20.5"	3/4"	3/8"	44 / 35	50 / 40	8
LC(M)19/36	S, U	A	14.5"	21"	20.5"	20.5"	3/4"	3/8"	48 / 38	n/a	6
		B	17.5"	21"	20.5"	20.5"	3/4"	3/8"	48 / 38	n/a	4
LC23/37	Y, Z	B	17.5"	21"	29.5"	n/a	3/4"	3/8"	66 / 53	n/a	4
		C	21.0"	21"	29.5"	n/a	3/4"	3/8"	66 / 53	n/a	4
LC(M)24/42	S, U	B	17.5"	21"	20.5"	20.5"	7/8"	3/8"	48 / 38	56 / 45	4
		C	21.0"	21"	20.5"	n/a	7/8"	3/8"	48 / 38	n/a	4
LC30/36	S, U	A	14.5"	21"	25.5"	n/a	3/4"	3/8"	57 / 46	n/a	6
		B	17.5"	21"	25.5"	n/a	3/4"	3/8"	57 / 46	n/a	4
LC(M)31/37	S, U	A	14.5"	21"	22.5"	22.5"	3/4"	3/8"	53 / 42	60 / 48	6
		B	17.5"	21"	22.5"	22.5"	3/4"	3/8"	53 / 42	60 / 48	4
LC35/36	S, U	A	14.5"	21"	25.5"	n/a	3/4"	3/8"	61 / 49	n/a	6
		B	17.5"	21"	25.5"	n/a	3/4"	3/8"	61 / 49	n/a	4
		C	21.0"	21"	25.5"	n/a	3/4"	3/8"	61 / 49	n/a	4
LC42/48	N	B	17.5"	21"	25.5"	n/a	7/8"	3/8"	50 / 40	n/a	4
		C	21.0"	21"	25.5"	n/a	7/8"	3/8"	50 / 40	n/a	4
LC41/42	S	C	21.0"	20.5"	22.5"	n/a	7/8"	3/8"	39 / 31	n/a	4
LC42/49	K, L	B	17.5"	21"	25.5"	n/a	7/8"	3/8"	61 / 49	n/a	4
LC(M)41/60	Y, Z	C	21.0"	21"	25.5"	25.5"	7/8"	3/8"	59 / 47	65 / 52	4
		D	24.5"	21"	25.5"	25.5"	7/8"	3/8"	59 / 47	65 / 52	4
LC42/60	S, U	B	17.5"	21"	25.5"	n/a	7/8"	3/8"	57 / 46	n/a	4
		C	21.0"	21"	25.5"	n/a	7/8"	3/8"	57 / 46	n/a	4
		D	24.5"	21"	25.5"	n/a	7/8"	3/8"	57 / 46	n/a	4
LC42/60	T, V	C	21.0"	21"	27.5"	n/a	7/8"	3/8"	60 / 48	n/a	4
LC(M)42/60	Y, Z	C	21.0"	21"	27.5"	27.5"	7/8"	3/8"	66 / 53	72 / 58	4
		D	24.5"	21"	27.5"	n/a	7/8"	3/8"	66 / 53	n/a	4
LC42/61	K, L	B	17.5"	21"	25.5"	n/a	7/8"	3/8"	61 / 49	n/a	4
		C	21.0"	21"	25.5"	25.5"	7/8"	3/8"	57 / 46	64 / 51	4
LC43/61	Y, Z	C	21.0"	21"	31.5"	n/a	7/8"	3/8"	73 / 58	n/a	4
LC48/60	Y, Z	X	25.75"	21"	25.5"	n/a	7/8"	3/8"	75 / 60	n/a	4
LC49/63	Y, Z	D	24.5"	21"	29.5"	n/a	7/8"	3/8"	65 / 50	n/a	4
LC49/62	Y, Z	C	21.0"	21"	27.5"	n/a	7/8"	3/8"	63 / 50	n/a	4
		D	24.5"	21"	27.5"	n/a	7/8"	3/8"	63 / 50	n/a	4

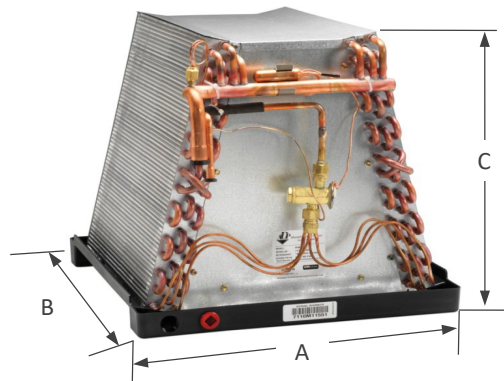
Uncased Dimensions



A = Width
B = Depth
C = Height

* K, M, N, S, T, P, & Y = Copper slab; L, U, V, & Z = Aluminum slab.

Min / Max BTU	Slab Letter *	Cabinet / Drain Pan Dimension Code	Drain Pan Width [A]	Drain Pan Depth [B]	Coil Height [C]	Suction Line	Liquid Line	Weight (CU / AL) (lbs)	Pallet Qty
LU18/30	S, U	A	14"	19.5"	13"	3/4"	3/8"	24 / 19	18
		B	17"	19.5"	13"	3/4"	3/8"	24 / 19	8
		V	15.5"	19.5"	13"	3/4"	3/8"	24 / 19	18
LU18/36	T, L	A	14"	19.5"	17"	3/4"	3/8"	32 / 26	12
		B	17"	19.5"	17"	3/4"	3/8"	32 / 26	8
		V	15.5"	19.5"	17"	3/4"	3/8"	32 / 26	12
LU18/36	S,U	A	14"	19.5"	15"	3/4"	3/8"	32 / 26	12
		B	17"	19.5"	15"	3/4"	3/8"	32 / 26	8
		V	15.5"	19.5"	15"	3/4"	3/8"	32 / 26	12
LU19/36	S, U	A	14"	19.5"	19"	3/4"	3/8"	35 / 28	12
		B	17"	19.5"	19"	3/4"	3/8"	35 / 28	8
		V	15.5"	19.5"	19"	3/4"	3/8"	35 / 28	12
LU23/37	Y, Z	B	17"	19.5"	27"	3/4"	3/8"	50 / 40	4
LU24/36	Y, Z	A	14"	19.5"	21"	3/4"	3/8"	48 / 38	6
LU25/37	Y	A	14"	19.5"	23"	3/4"	3/8"	46 / 37	6
LU35/36	S, U	A	14"	19.5"	25"	3/4"	3/8"	45 / 36	6
		B	17"	19.5"	25"	3/4"	3/8"	45 / 36	4
		C	20"	19.5"	25"	3/4"	3/8"	45 / 36	4
		V	15.5"	19.5"	25"	3/4"	3/8"	45 / 36	4
LU41/42	S, U	C	20"	19.5"	21"	7/8"	3/8"	39 / 31	4
LU42/60	Y, Z	D	20.5"	19.5"	27"	7/8"	3/8"	50 / 40	4
LU48/60	Y, Z	X	25.12"	20"	25"	7/8"	3/8"	58 / 46	4



A = Width
B = Depth
C = Height

Min / Max BTU	Slab Letter *	Cabinet / Drain Pan Dimension Code	Drain Pan Width [A]	Drain Pan Depth [B]	Coil Height [C]	Suction Line	Liquid Line	Weight (CU / AL) (lbs)	Pallet Qty
LU19/36SAM	S	M*	18"	19.5"	19"	7/8"	3/8"	35	8
LU18/36SAM	Y	M*	18"	19.5"	15"	7/8"	3/8"	28	8
LU48/61UAM	Y	M*	18"	19.5"	25"	7/8"	3/8"	62	4
LU39/61YAM	Y	M*	18"	19.5"	21"	7/8"	3/8"	48	4

*M width denotes mobile home coil

Airflow Data

* K, M, N, S, T, P, & Y = Copper slab; L, U, V, & Z = Aluminum slab.

Min / Max BTU	Slab Letter *	Cabinet / Drain Pan Dimension Code	CFM	Wet Coil Air Pressure Drop (Inches W.C.)
LC18/30	S	A	600	.22
			800	.25
			1000	.29
LC18/30	S	B	600	.18
			800	.20
			1000	.24
LC18/36	S, U	A	600	.19
			800	.21
			1000	.25
			1200	.30
LC18/36	S, U	B	600	.16
			800	.17
			1000	.20
			1200	.27
LC18/36	T, V	A	600	.17
			800	.19
			1000	.24
			1200	.30
LC18/36	T, V	B	600	.16
			800	.17
			1000	.19
			1200	.24
LC18/36	T, V	C	600	.13
			800	.14
			1000	.15
			1200	.20
LC19/36	S, U	A	600	.16
			800	.18
			1000	.22
			1200	.29
LC19/36	S, U	B	600	.13
			800	.14
			1000	.18
			1200	.25
LC23/37	Y, Z	B, C	800	.10
			1000	.13
			1200	.15
LC24/42	S, U	B	800	.14
			1000	.18
			1200	.25
			1400	.28
LC24/42	S, U	C	800	.11
			1000	.13
			1200	.17
			1400	.26
LC30/36	S, U	A	1000	.20
			1200	.26
LC30/36	S, U	B	1000	.16
			1200	.22
LC31/37	S, U	A	1200	.31
LC31/37	S, U	B	1200	.27
LC35/36	S, U	A	1200	.24
LC35/36	S, U	B	1200	.22
LC35/36	S, U	C	1200	.14

Airflow Data

* K, M, N, S, T, P, & Y = Copper slab; L, U, V, & Z = Aluminum slab.

Min / Max BTU	Slab Letter *	Cabinet / Drain Pan Dimension Code	CFM	Wet Coil Air Pressure Drop (Inches W.C.)
LC41/42	S, U	C	1200	.20
			1400	.25
			1600	.30
LC42/48	N	B	1400	.19
			1600	.24
LC42/48	N	C	1400	.17
			1600	.23
LC42/49	K, L	B	1400	.28
			1600	.30
LC42/60	S, U	B	1400	.25
			1600	.28
			2000	.34
LC42/60	S, U	C, D	1400	.24
			1600	.27
			2000	.30
LC42/60	T, V	C	1400	.23
			1600	.26
			2000	.28
LC42/60	Y, Z	C, D	1400	.27
			1600	.28
			2000	.30
LC42/61	K, L	B	1400	.28
			1600	.30
			2000	.38
LC42/61	K, L	C	1400	.24
			1600	.27
			2000	.29
LC43/48	S, U	B	1400	.25
			1600	.28
LC43/48	S, U	C	1400	.24
			1600	.27
LC43/61	Y, Z	C	1400	.25
			1600	.27
			2000	.29
LC48/60	Y, Z	X	1600	.29
			2000	.30
LC49/62	Y, Z	C, D	1600	.29
			2000	.32
LC49/63	Y, Z	D	1400	.19
			1600	.24
			2000	.34

Downflow Chart

- The below chart lists downflow capable coils with approved air flow settings.
- Some applications require a field installed kit.

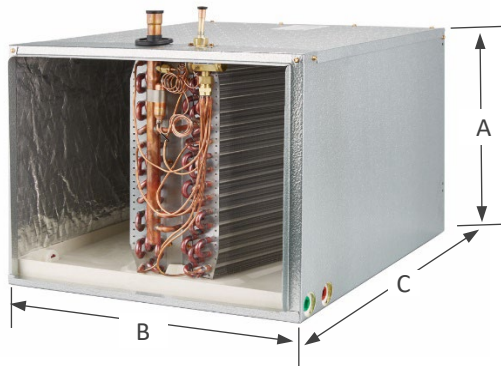
Min / Max BTU	Slab Letter	Downflow Available						
		600	800	1000	1200	1400	1600	2000
LC18/30	S, U	Y	Y	--	--	--	--	--
LC(M)18/36	S, U	Y	Kit	--	--	--	--	--
LC(M)18/36	T, V	Y	Y	--	--	--	--	--
LC(M)19/36	S, U	--	--	--	Kit	--	--	--
LC23/37	Y, Z	--	--	--	Kit	--	--	--
LC(M)24/42	S, U	--	--	--	Kit	--	--	--
LC30/36	S, U	--	--	--	Y	Y	Kit	--
LC35/36	S, U	--	--	--	Y	Y	Y	--
LC(M)31/37	S, U	--	--	--	Y	--	--	--
LC42/48	N	--	--	--	--	--	--	--
LC(M)41/60	Y, Z	--	--	--	--	--	--	--
LC41/42	S	--	--	--	Y	Kit	--	--
LC42/49	K, L	--	--	--	Y	Y	Y	--
LC42/60	S, U	--	--	--	Y	Y	Kit	--
LC42/60	T, V	--	--	--	--	--	--	--
LC(M)42/60	Y, Z	--	--	--	--	--	--	--
LC42/61	K, L	--	--	--	Y	Y	Y	--
LC43/61	Y, Z	--	--	--	--	--	--	--
LC48/60	Y, Z	--	--	--	--	--	--	--
LC49/63	Y, Z	--	--	--	--	--	--	--
LC49/62	Y, Z	--	--	--	--	--	--	--

Y = Downflow capable.

Kit = Downflow capable with field installed kit Part #76701323.

Dash (--) Downflow not approved at this air flow.

Horizontal A-Coil Dimensions



A = Height
B = Width
C = Depth

Model Number	Height [A]	Width [B]	Length [C]	Supply opening (Height x Width)	Return opening (Height x Width)	Pallet Quantity	Coil Weight (lbs)
LH18/36 D*A	14.5"	21"	26.0"	13" x 19.5"	13.5" x 20"	8	50
LH18/36 D*B	17.5"	21"	21.5"	16" x 19.5"	16.5" x 20"	16	50
LH18/36 R*A	14.5"	21"	26.0"	13" x 19.5"	13.5" x 20"	8	50
LH18/37 R*A	14.5"	21"	31.5"	13" x 19.5"	13.5" x 20"	8	54
LH23/25 F*A	14.5"	21"	26.0"	13" x 19.5"	13.5" x 20"	8	37
LH23/37 E*C	21"	21"	26.5"	19.5" x 19.5"	20" x 20"	6	60
LH23/37 W*C	21"	21"	26.5"	19.5" x 19.5"	20" x 20"	6	48
LH24/37 F*B	17.5"	21"	21.5"	16" x 19.5"	16.5" x 20"	16	50
LH24/37 F*C	21"	21"	21.5"	19.5" x 19.5"	20" x 20"	12	37
LH24/37 X*B	17.5"	21"	21.5"	16" x 19.5"	16.5" x 20"	16	40
LH29/36 F*B	17.5"	21"	26.5"	16" x 19.5"	16.5" x 20"	4	53
LH29/36 F*C	21"	21"	21.5"	19.5" x 19.5"	20" x 20"	12	53
LH29/36 X*B	17.5"	21"	26.5"	16" x 19.5"	16.5" x 20"	4	40
LH35/36 F*B	17.5"	21"	26.5"	16" x 19.5"	16.5" x 20"	4	57
LH35/36 W*B	17.5"	21"	26.5"	16" x 19.5"	16.5" x 20"	4	45
LH35/36 X*B	17.5"	21"	26.5"	16" x 19.5"	16.5" x 20"	4	50
LH35/38 F*C	21"	21"	26.5"	19.5" x 19.5"	20" x 20"	6	66
LH35/38 X*C	21"	21"	26.5"	19.5" x 19.5"	20" x 20"	6	52
LH35/38 F*D	24.5"	21"	26.5"	23" x 19.5"	23.5" x 20"	2	66
LH40/61 W*C	21"	21"	31.5"	19.5" x 19.5"	20" x 20"	4	41
LH40/62 W*D	24.5"	21"	31.5"	23" x 19.5"	23.5" x 20"	4	58
LH41/49 X*B	17.5"	21"	31.5"	16" x 19.5"	16.5" x 20"	4	56
LH41/61 D*C	21"	21"	26.5"	19.5" x 19.5"	20" x 20"	6	66
LH41/61 R*C	21"	21"	26.5"	19.5" x 19.5"	20" x 20"	6	48
LH42/49 F*B	17.5"	21"	26.5"	16" x 19.5"	16.5" x 20"	4	57
LH42/49 F*C	21"	21"	26.5"	19.5" x 19.5"	20" x 20"	6	57
LH42/49 X*B	17.5"	21"	26.5"	16" x 19.5"	16.5" x 20"	4	53
LH42/60 D*C	21"	21"	26.5"	19.5" x 19.5"	20" x 20"	6	61
LH42/60 R*C	21"	21"	26.5"	19.5" x 19.5"	20" x 20"	6	49
LH42/62 E*C	21"	21"	26.5"	19.5" x 19.5"	20" x 20"	6	60
LH42/62 E*D	24.5"	21"	26.5"	23" x 19.5"	23.5" x 20"	2	60
LH42/62 W*C	21"	21"	26.5"	19.5" x 19.5"	20" x 20"	6	48
LH48/60 E*D	24.5"	21"	26.5"	23" x 19.5"	23.5" x 20"	2	60
LH49/61 E*C	21"	21"	31.5"	19.5" x 19.5"	20" x 20"	4	63
LH49/61 W*C	21"	21"	31.5"	19.5" x 19.5"	20" x 20"	4	51
LH60/61 E*C	21"	21"	36"	19.5" x 19.5"	20" x 20"	6	64

* Indicates metering device – see nomenclature.

Refrigerant Connections
Liquid Line - 3/8" ODF
Suction Line - 7/8" ODF

Drain Connections - 3/4" FPT Condensate drain connections on both the front and back sides of cabinet.

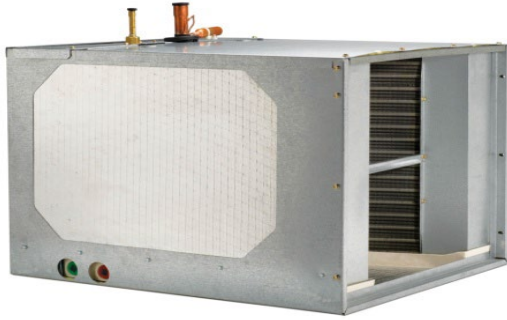
Airflow Data

Model Number	^ Air Pressure Drop (in WC) by CFM							
	600	800	1000	1200	1400	1600	1800	2000
LH18/36 D*A	0.11	0.17	0.25	0.35	-	-	-	-
LH18/36 D*B	-	0.19	0.27	0.37	-	-	-	-
LH18/36 R*A	0.11	0.17	0.25	0.35	-	-	-	-
LH18/37 R*A	0.06	0.10	0.14	0.20	-	-	-	-
LH23/25 F*A	0.11	0.17	0.25	0.35	-	-	-	-
LH23/37 E*C	-	0.11	0.16	0.17	-	-	-	-
LH23/37 W*C	-	0.11	0.16	0.17	-	-	-	-
LH24/37 F*B	-	0.14	0.20	0.27	-	-	-	-
LH24/37 F*C	-	0.15	0.21	0.29	-	-	-	-
LH24/37 X*B	-	0.14	0.20	0.27	-	-	-	-
LH29/36 F*B	-	-	0.17	0.24	-	-	-	-
LH29/36 F*C	-	-	0.18	0.20	-	-	-	-
LH29/36 X*B	-	-	0.17	0.24	-	-	-	-
LH35/36 F*B	-	-	0.14	0.20	-	-	-	-
LH35/36 W*B	-	-	0.13	0.18	-	-	-	-
LH35/36 X*B	-	-	0.14	0.20	-	-	-	-
LH35/38 F*C	-	-	0.10	0.14	-	-	-	-
LH35/38 X*C	-	-	-	0.14	0.19	0.24	0.25	0.36
LH35/38 F*D	-	-	0.11	0.14	0.19	0.21	0.27	0.34
LH40/61 W*C	-	-	-	-	0.16	0.21	0.27	0.33
LH40/62 W*D	-	-	-	-	0.12	0.15	0.19	0.23
LH41/49 X*B	-	-	-	-	0.23	0.30	-	-
LH41/61 D*C	-	-	-	0.14	0.19	0.24	0.25	0.36
LH41/61 R*C	-	-	-	0.14	0.19	0.24	0.25	0.36
LH42/49 F*B	-	-	-	0.20	0.28	0.35	-	-
LH42/49 F*C	-	-	-	0.17	0.23	0.29	0.36	-
LH42/49 X*B	-	-	-	0.20	0.28	0.35	-	-
LH42/60 D*C	-	-	-	0.17	0.23	0.29	0.36	0.43
LH42/60 R*C	-	-	-	0.17	0.23	0.29	0.36	0.43
LH42/62 E*C	-	-	-	-	0.22	0.33	0.41	0.48
LH42/62 E*D	-	-	-	-	0.22	0.28	0.34	0.40
LH42/62 W*C	-	-	-	-	0.22	0.33	0.41	0.48
LH48/60 E*D	-	-	-	-	0.19	0.24	0.29	0.34
LH49/61 E*C	-	-	-	-	0.20	0.26	0.32	0.39
LH49/61 W*C	-	-	-	-	0.20	0.26	0.32	0.39
LH60/61 E*C	-	-	-	-	0.15	0.19	0.24	0.29

^ Air pressure drop data is under dry coil conditions. For wet coil conversion at standard AHRI conditions, use 1.3 multiplier.

* Indicates metering device – see nomenclature.

Plenum Coil Dimensions



Model	Cabinet Height	Cabinet Width	Cabinet Length	Return Opening (in) [H x W]	Pallet Quantity
LP18/37RAA*C	14.5	21	35	13.5 x 20	8
LP36/37RAC*C	21	21	35	20 x 20	4
LP25/36RAC*C	21	21	35	20 x 20	4
LP29/36XAC*C	21	21	35	20 x 20	4
LP40/42RAC*C	21	21	35	20 x 20	4
LP41/49XAB*C	17.5	21	35	16.5 x 20	6
LP41/61RAC*C	21	21	35	20 x 20	4
LP41/61RAC*D	21	21	40	20 x 20	4
LP42/62WAC*C	21	21	35	20 x 20	4
LP43/60XAC*C	21	21	35	20 x 20	4
LP60/61WAC*D	21	21	40	20 x 20	4
LP40/60RAD*C	24.5	21	35	23.5 x 20	2

Airflow Data

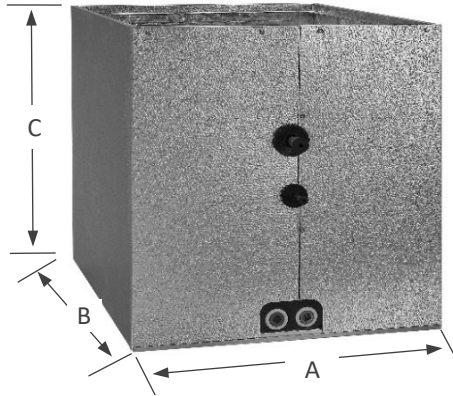
Model	^ Air Pressure Drop (in WC) by CFM							
	600	800	1000	1200	1400	1600	1800	2000
LP18/37RAA*C	0.06	0.10	0.14	0.20	-	-	-	-
LP36/37RAC*C	0.04	0.06	0.10	0.10	-	-	-	-
LP25/36RAC*C	-	0.15	0.19	0.25	-	-	-	-
LP29/36XAC*C	0.08	0.12	0.16	0.20	-	-	-	-
LP40/42RAC*C	-	-	-	-	0.33	-	-	-
LP41/49XAB*C	-	-	-	-	0.23	0.30	-	-
LP41/61RAC*C	-	-	-	-	0.19	0.24	0.25	0.36
LP41/61RAC*D	-	-	-	-	0.19	0.24	0.25	0.36
LP42/62WAC*C	-	-	-	-	0.22	0.33	0.41	0.48
LP43/60XAC*C	-	-	-	-	0.12	0.15	0.19	0.23
LP60/61WAC*D	-	-	-	-	0.15	0.19	0.24	0.29
LP40/60RAD*C	-	-	-	-	0.19	0.21	0.27	0.34

^ Air pressure drop data is under dry coil conditions. For wet coil conversion at standard AHRI conditions, use 1.3 multiplier.

Downflow Coil –Cased Specifications

A = Width
B = Depth
C = Height

Supply Opening: (A - 1.5") x (B - 1.5")
Return Opening: (A - 1.0") x (B - 0.5")



C = Copper slab; A = Aluminum slab.

		Dimensions / Airflow Data							Weights		
Slab Number	Nominal MBTUH	Width [A]	Depth [B]	Height [C]		Max CFM	Face Vel. ^[2] (fpm)	DRY Coil Air Pressure Drop (inches W.C.) by Coil Width [A]		Copper	Aluminum
19/24 (Y,Z)	18	14.5"	26.5"	18"		600	171	.06		29	28
	24					800	229	.14			
19/25 (Y,Z)	18	14.5"				600	171	.02		31	30
	24					800	229	.10			
19/36 (Y,Z)	18	17.5"				600	171	.02		42	40
	24					800	229	.10			
	30					1000	286	.18			
	36					1200	343	.26			
24/35 (Y,Z)	24	17.5"		23.5"		800	196	.11		50	48
	30					1000	245	.19			
	36				1200	294	.27				
40/41 (Y,Z)		21.0"		27.5"							
42/61 (Y,Z)	42										
	48										
	60										
	42				24.5"						
	48										
	60										
										75	72
									79	76	

Downflow Coil – Pallet Quantities

Cabinet Width	Pallet Qty by Cabinet Height (in)		
	18"	23.5"	27.5"
14.50"	8	8	4
17.50"	4	4	4
21.00"	2	2	2
24.50"	2	2	2

