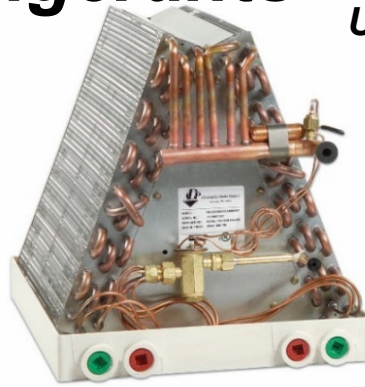


## Specification Guide

# Evaporator Coils for Lennox for A1 Refrigerants



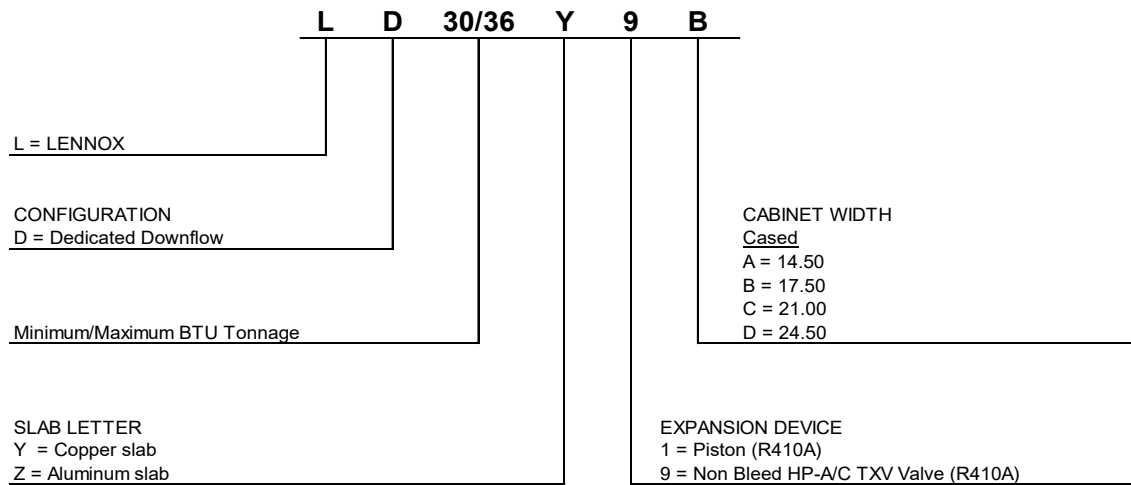
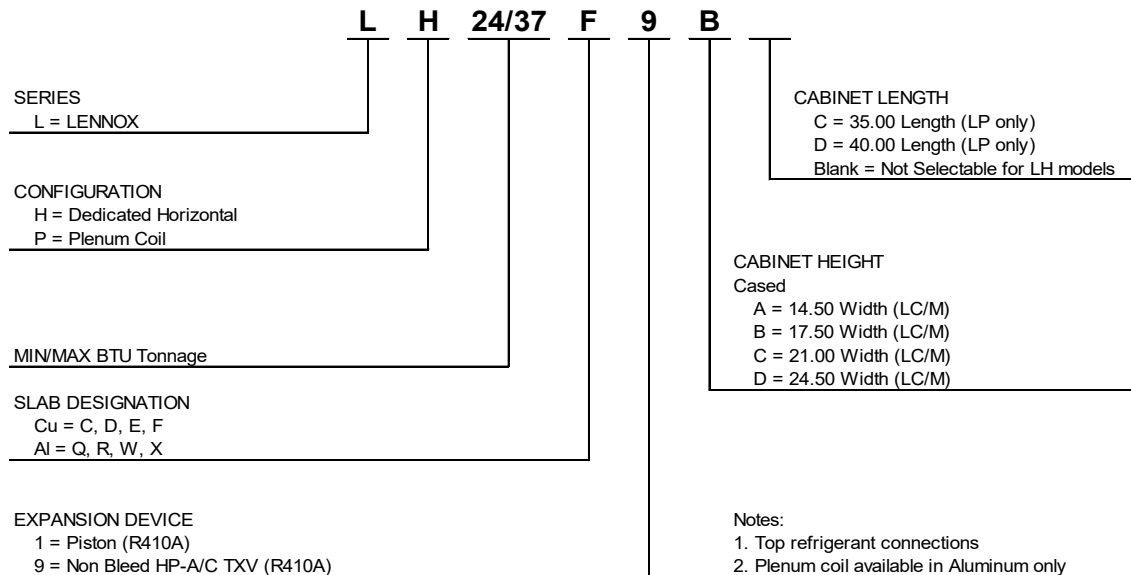
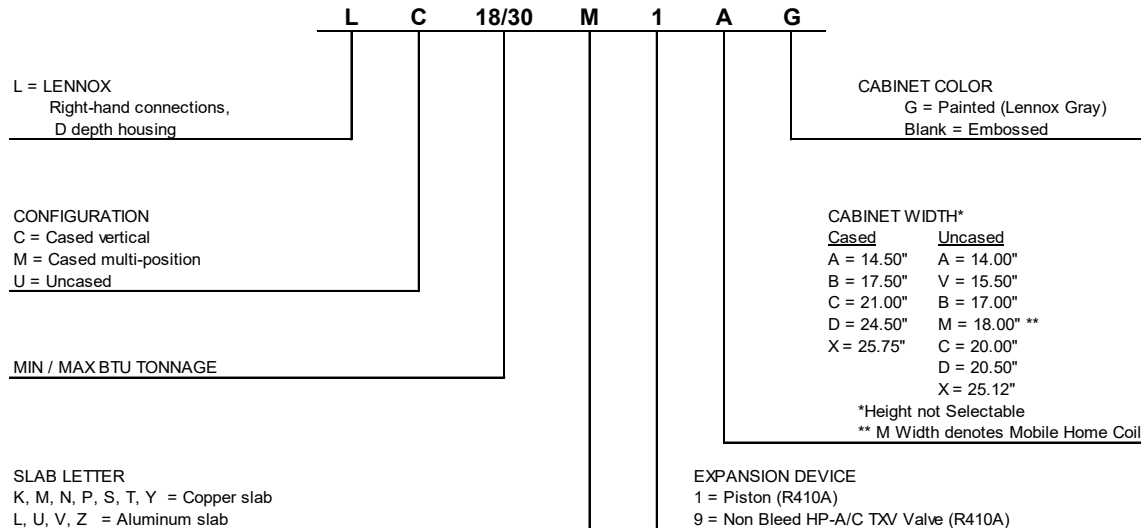
*Upflow/Multi-position  
Downflow  
Horizontal  
Plenum  
Mobile Home*



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# Nomenclature



# Product Features

## General Features

- High efficiency lanced fin design.
- "No-hassle" 5-year warranty.
- 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)

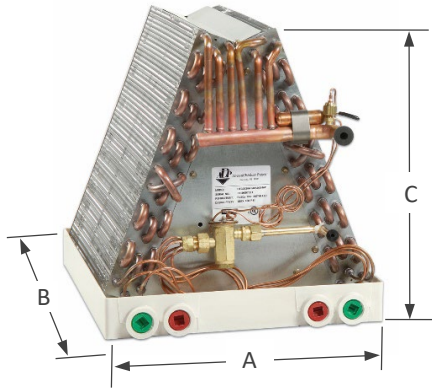
Supply Opening: (A - 1.5") x (B - 1.5")

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<br>BTU | Slab<br>Letter * | Cabinet /<br>Drain Pan<br>Dimension Code | Width<br>[A] | Depth<br>[B] | Height [C] |                | Suction<br>Line | Liquid<br>Line | Weight (CU / AL) (lbs) |                | Pallet<br>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             |
| LC19/36          | S, U             | A  | 14.5"        | 21"          | 20.5"      | n/a            | 3/4"            | 3/8"           | 48 / 38                | n/a            | 6             |
|                  |                  | B  | 17.5"        | 21"          | 20.5"      | n/a            | 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             |
| 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             |
| 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             |

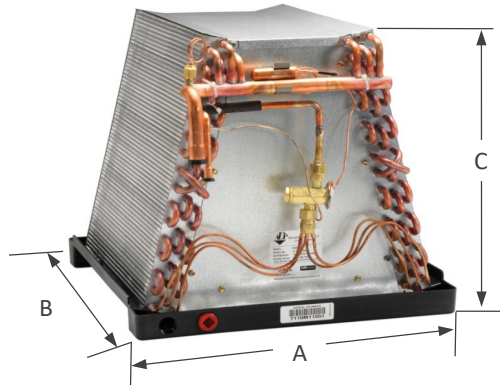
# Uncased Dimensions



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 |
|---------------|---------------|------------------------------------|---------------------|---------------------|-----------------|--------------|-------------|------------------------|------------|
| LU19/36S1M    | S             | M*                                 | 18"                 | 19.5"               | 19"             | 7/8"         | 3/8"        | 35                     | 8          |
| LU23/36Y1M    | Y             | M*                                 | 18"                 | 19.5"               | 19"             | 7/8"         | 3/8"        | 45                     | 8          |
| LU49/62Y1M    | Y             | M*                                 | 18"                 | 19.5"               | 25"             | 7/8"         | 3/8"        | 46                     | 8          |
| LU39/61Y1M    | Y             | M*                                 | 18"                 | 19.5"               | 21"             | 7/8"         | 3/8"        | 48                     | 8          |

\*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<br>BTU | Slab<br>Letter * | Cabinet /<br>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                                      |
| 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<br>BTU | Slab<br>Letter * | Cabinet /<br>Drain Pan<br>Dimension Code | CFM  | Wet Coil<br>Air Pressure Drop<br>(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<br>BTU | Slab<br>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   | --   | --   | --   | --   | --   |
| LC19/36          | 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    | --   |
| LC42/48          | N              | --                 | --  | --   | --   | --   | --   | --   |
| 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           | --                 | --  | --   | --   | --   | --   | --   |

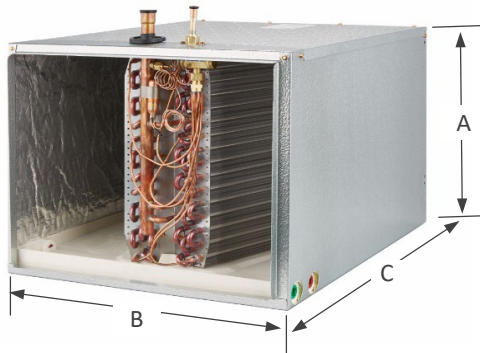
Y = Downflow capable.

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<br>(Height x Width) | Return opening<br>(Height x Width) | Pallet Quantity | Coil Weight<br>(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                   |
| LH49/62 E*T  | 25.25"     | 21"       | 31.5"      | 23.75" x 19.5"                     | 24.25" x 20"                       | 4               | 75                   |
| LH49/62 R*T  | 25.25"     | 21"       | 31.5"      | 23.75" x 19.5"                     | 24.25" x 20"                       | 4               | 60                   |
| LH49/62 W*T  | 25.25"     | 21"       | 31.5"      | 23.75" x 19.5"                     | 24.25" x 20"                       | 4               | 60                   |
| 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.

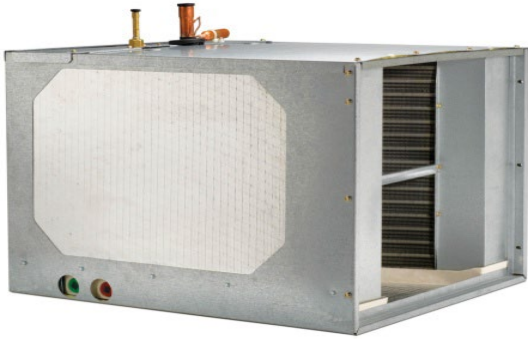
# Airflow Data

| 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 |
| LH49/62 E*T  | -                                  | -    | -    | -    | 0.16 | 0.20 | 0.25 | 0.30 |
| LH49/62 R*T  | -                                  | -    | -    | -    | 0.16 | 0.20 | 0.25 | 0.30 |
| LH49/62 W*T  | -                                  | -    | -    | -    | 0.16 | 0.20 | 0.25 | 0.30 |
| 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 |
|-------------|----------------|---------------|----------------|-----------------------------|-----------------|
| LP18/37R9AC | 14.5           | 21            | 35             | 13.5 x 20                   | 8               |
| LP36/37R9CC | 21             | 21            | 35             | 20 x 20                     | 4               |
| LP25/36R9CC | 21             | 21            | 35             | 20 x 20                     | 4               |
| LP29/36X9CC | 21             | 21            | 35             | 20 x 20                     | 4               |
| LP40/42R9CC | 21             | 21            | 35             | 20 x 20                     | 4               |
| LP41/49X9BC | 17.5           | 21            | 35             | 16.5 x 20                   | 6               |
| LP41/61R9CC | 21             | 21            | 35             | 20 x 20                     | 4               |
| LP41/61R9CD | 21             | 21            | 40             | 20 x 20                     | 4               |
| LP42/62W9CC | 21             | 21            | 35             | 20 x 20                     | 4               |
| LP43/60X9CC | 21             | 21            | 35             | 20 x 20                     | 4               |
| LP60/61W9CD | 21             | 21            | 40             | 20 x 20                     | 4               |
| LP40/60R9DC | 24.5           | 21            | 35             | 23.5 x 20                   | 2               |

## Airflow Data

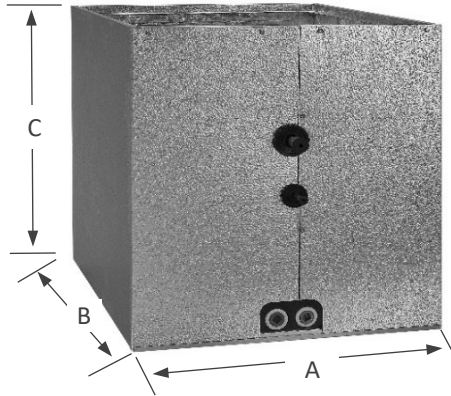
| Model       | ^ Air Pressure Drop (in WC) by CFM |      |      |      |      |      |      |      |
|-------------|------------------------------------|------|------|------|------|------|------|------|
|             | 600                                | 800  | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| LP18/37R9AC | 0.06                               | 0.10 | 0.14 | 0.20 | -    | -    | -    | -    |
| LP36/37R9CC | 0.04                               | 0.06 | 0.10 | 0.10 | -    | -    | -    | -    |
| LP25/36R9CC | -                                  | 0.15 | 0.19 | 0.25 | -    | -    | -    | -    |
| LP29/36X9CC | 0.08                               | 0.12 | 0.16 | 0.20 | -    | -    | -    | -    |
| LP40/42R9CC | -                                  | -    | -    | -    | 0.33 | -    | -    | -    |
| LP41/49X9BC | -                                  | -    | -    | -    | 0.23 | 0.30 | -    | -    |
| LP41/61R9CC | -                                  | -    | -    | -    | 0.19 | 0.24 | 0.25 | 0.36 |
| LP41/61R9CD | -                                  | -    | -    | -    | 0.19 | 0.24 | 0.25 | 0.36 |
| LP42/62W9CC | -                                  | -    | -    | -    | 0.22 | 0.33 | 0.41 | 0.48 |
| LP43/60X9CC | -                                  | -    | -    | -    | 0.12 | 0.15 | 0.19 | 0.23 |
| LP60/61W9CD | -                                  | -    | -    | -    | 0.15 | 0.19 | 0.24 | 0.29 |
| LP40/60R9DC | -                                  | -    | -    | -    | 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 |               |           |           |            |         |                     |  |     |       |
|---------------------------|---------------|-----------|-----------|------------|---------|---------------------|--|-----|-------|
| 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] |     |       |
| 19/24 (Y,Z)               | 18            | 14.5"     | 26.5"     | 18"        | 600     | 171                 | .06  |     |       |
|                           | 24            |           |           |            | 800     | 229                 | .14  |     |       |
| 19/25 (Y,Z)               | 18            | 14.5"     |           |            | 18"     | 600                 | 171  | .02 |       |
|                           | 24            |           |           |            |         | 800                 | 229  | .10 |       |
| 19/36 (Y,Z)               | 18            | 17.5"     |           |            | 26.5"   | 18"                 | 600  | 171 | .02   |
|                           | 24            |           |           |            |         |                     | 800  | 229 | .10   |
|                           | 30            |           |           | 1000       |         |                     | 286  | .18 |       |
|                           | 24/35 (Y,Z)   |           |           | 24         |         | 17.5"               | 23.5"  | 800 | 196   |
| 30                        |               | 1000      |           | 245        |         |                     |  | .19 |       |
| 36                        |               | 1200      |           | 294        |         |                     |  | .27 |       |
| 40/41 (Y,Z)               |               |           |           | 26.5"      | 27.5"   |                     |  |     |       |
|                           |               |           |           |            |         |                     |  |     | 21.0" |
| 1600                      | 229           | .26       |           |            |         |                     |  |     |       |
| 1900                      | 271           | .32       |           |            |         |                     |  |     |       |
| 42/61 (Y,Z)               | 42            | 24.5"     | 27.5"     |            |         | 1400                | 200  | .06 |       |
|                           | 48            |           |           |            |         | 1600                | 229  | .11 |       |
|                           | 60            |           |           |            | 2000    | 286                 | .17  |     |       |
|                           | 60            |           |           |            |         |                     |  |     |       |

| Weights |          |
|---------|----------|
| Copper  | Aluminum |
| 29      | 28       |
| 31      | 30       |
| 42      | 40       |
| 50      | 48       |
|         |          |
|         |          |
|         |          |
|         |          |
| 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     |

