

# HH Series A2L Refrigerants

## Evaporator Coils

## Specification Guide



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## ***HH Series – Product Features***

- High efficiency lanced fin design.
- “No-hassle” 5-year warranty. 10 year Limited Warranty available.
- R-454B, R-32, AC & Heat Pump compatible with Refrigerant Detection System.
- All coils have durable packaging with bar coded labels on the box.
- Threaded expansion valves available factory installed or as a field installed kit.
- Coils are air pressure tested at 500 psi, leak tested with helium, sealed with rubber plugs, then charged with dry air.
- Liquid line refrigerant connections are 3/8” ODF.
- Suction line refrigerant connections are 7/8” ODF.
- Microban® antimicrobial additive to inhibit the growth of mold and mildew in the drain pan.
- UV resistant drain pans are molded of high temperature (450° F) engineered polymer.
- Coil cabinets are fully lined with 5/8” foil faced insulation.
- Non-captive refrigerant lines with long stubs make for easy installation.
- Copper distributor tube assembly provides brass to brass threads for trouble-free service of TXV.
- Corrosion resistant coil header plates.
- Refrigerant Detection System Options:
  - Field Installed Sensor and board with factory installed bracket.
  - Factory installed sensor and mitigation board in box.
  - Factory installed sensor only without board for compatible furnaces.

# HH Series – Nomenclature

H	H57	A	24	A	185	A	21	02	R
<b>Cabinet Color</b> H = Embossed								<b>Refrigerant Detection System (Field Configurable)</b> R = RDS Controller & Sensor (Factory Installed) L = Leak Detection Sensor (Factory Installed) N = Not Included (Field Installed)	
<b>Slab Number</b>								<b>Product Code</b> 02 = Cased "H"	
<b>Refrigerant Type &amp; Metering Device (Field Configurable)</b> 1 = Piston (R-454B & R-32) <sup>[1]</sup> A = R-454B Non-bleed HP-A/C TXV B = R-32 Non-bleed HP-A/C TXV C = R-454B Bleed HP-A/C TXV								<b>Cabinet Opening Height</b> 21 = 21 1/4"	
<b>Nominal MBTUH</b>								<b>Airflow</b> A = Bi-directional airflow	
<b>Cabinet Depth<sup>[1]</sup></b> A = 10								<b>Cabinet Opening Width<sup>[2]</sup></b> 185 = 18 5/8" 225 = 22 5/8" 265 = 26 5/8" 305 = 30 5/8" 365 = 36 5/8" 425 = 42 5/8"	

<sup>[1]</sup> Depth is fixed, 10" is the only selectable option.

<sup>[2]</sup> Cabinet opening width is not a selectable option; see dimensions.

<sup>[3]</sup> R-454B Piston factory installed to match the nominal BTU rating of the coil.

R-454B Pistons		
MBTUH		Size
18	=	46
24	=	53
30	=	59
36	=	65
42	=	70
48	=	76
60	=	84

R-32 Pistons		
MBTUH		Size
18	=	41
24	=	46
30	=	53
36	=	57
42	=	62
48	=	65
60	=	76

# HH Series – Specifications

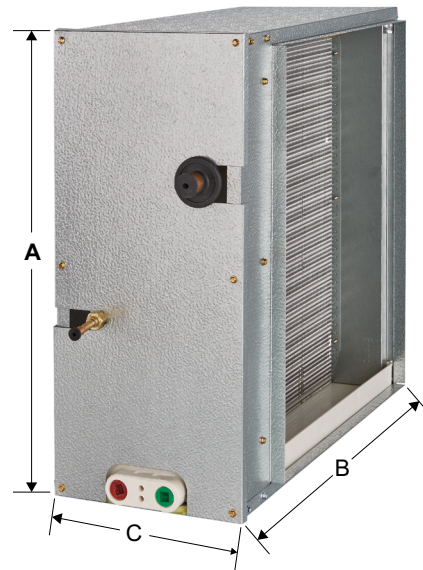
A = Height

B = Width

C = Depth (excluding flange)

Supply Opening: (A - 1.50") x (B - 4 3/8")

Return Opening: (A - 1.50") x (B - 4 3/8")



## Weight / Pallet Qty

Slab Number	Weight (lbs)	Pallet Quantity
H57	36	6
H58	41	4
H59	44	4
H60	50	4
H61	57	3
H62	61	3
H66	75	3

## Dimensions

Slab Number	Nominal Tonnage	Overall			Supply/Return Opening	
		Height [A]	Width [B]	Depth [C]	Height	Width
H57	1.5 - 3	22 3/4"	23"	10"	21 1/4"	18 5/8"
H58	2 - 4	22 3/4"	27"	10"	21 1/4"	22 5/8"
H59	2.5 - 4	22 3/4"	31"	10"	21 1/4"	26 5/8"
H60	3 - 5	22 3/4"	35"	10"	21 1/4"	30 5/8"
H61	3.5 - 5	22 3/4"	41"	10"	21 1/4"	36 5/8"
H62, H66	3 - 5	22 3/4"	47"	10"	21 1/4"	42 5/8"

## Airflow Data

Slab Number	Wet Coil Air Pressure Drop (Inches W.C.) by CFM							
	600	800	1000	1200	1400	1600	2000	2400
H57	.17	.19	.22	.25	-	-	-	-
H58	-	.18	.20	.22	.24	.26	-	-
H59	.05	.08	.11	.15	.19	.23	-	-
H60	-	-	-	.17	.18	.23	.27	-
H61	-	-	-	-	.19	.21	.25	-
H62	-	-	-	.15	.17	.19	.23	.27
H66	-	-	.08	.11	.14	.17	.23	.31



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