

# HE Series – Product Features

- High efficiency lanced fin design
- “No-hassle” 5 year warranty.
- R-22, R-410A, AC & Heat Pump compatible.
- 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.
- Piston options include externally accessible body for easy piston change out and/or TXV installation.
- 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 deg. F) engineered polymer.
- Dual 3/4" FPT condensate drains on front-left and front-right side of drain pans.
- Patented HydroTEC™ low water retention drain pan.
- Copper refrigerant connections for easy brazing on both copper and aluminum slab models.
- Intertek lab tested 1% or less cabinet air leakage for better efficiency.
- Cased coil cabinets are fully lined with 5/8" foil faced insulation.
- Optional painted or embossed galvanized steel cabinets.
- Short cabinet with easy access.
- Non-captive refrigerant lines with long stubs make for easy installation.
- Enhanced refrigerant pipe grommets: secure, tight, and easy to install.
- Copper distributor tube assembly provides brass to brass threads for trouble-free service of TXV.
- Expansion valve with improved temperature sensing:
  - 1.) Mounted inside cabinet to prevent external sweating
  - 2.) Bulb clamped standard factory installed
- All multi-position coils are upflow, downflow, and left or right airflow capable.
- Cabinet insulation hold down tabs for easy drain pan removal.
- Interlocking doors reduce air leakage and allow for easy access.
- Foam drain seal for reduced air leakage.
- All multi-position coils are field convertible from horizontal right-to-left airflow and horizontal left-to-right airflow.
- Suction line refrigerant connections are 3/4" ODF (A-Coil 18-36 size models) or 7/8" ODF (A-Coil 42-60 size models)
- Suction line refrigerant connections are 1.125" on slab numbers E43, E46, E56, and E65 for size 42 models and higher.
- Corrosion resistant coil header plates.
- All A-Coils are upflow or downflow capable.

WARNING—Face velocity above 350 ft/min. is not recommended for downflow or counterflow applications due to potential water blow-off.

# HE Series – Nomenclature

**H G30 1 24 D 145 B 12 05 AP**

**Cabinet Color**

- H = Embossed
- A = Armstrong
- D = Ducane/Aire-Flo
- G = ICP
- J = Goodman/Amana
- L = Lennox
- N = Nordyne
- P = Carrier/Bryant/Payne
- R = Rheem/Ruud
- T = Trane/American Std.
- Y = York/Luxaire/Coleman

**Slab Number**

- E & A = Copper slab
- G = Aluminum slab

**Metering Device**

- 1 = Piston (R-410A)
- 6 = Non-bleed A/C TXV (R-410A)
- 9 = Non-bleed HP-A/C TXV (R-410A)

**Nominal MBTUH**

**Cabinet Depth** <sup>[1]</sup>

- A = Uncased                      D = 21.0"
- C = 20.5"                        E = 21.5"

AP = TXV access port <sup>[2]</sup>

**MBTUH R-410A**

- 12 = 41
- 18 = 49
- 24 = 53
- 30 = 59
- 36 = 67
- 42 = 73
- 48 = 76
- 60 = 93

**Product Code** <sup>[3]</sup>

- 00 = Right-hand uncased
- 01 = Right-hand cased
- 04 = Left-hand uncased
- 05 = Left-hand cased
- 20 = Right-hand cased multi-position
- 22 = Left-hand cased multi-position

**Cabinet Height** <sup>[4]</sup>

- 00 = Uncased
- 12 = 12.5"
- 16 = 16.5"
- 18 = 18.5" (up to 31.5")

**Cabinet Upper Notch**

- A = Uncased
- B = .75" (standard)

**Width**

<u>Cased</u>	<u>Uncased</u>
140 = 14"	130 = 13"
142 = 14.25"	140 = 14"
145 = 14.5"	155 = 15.5"
175 = 17.5"	170 = 17"
210 = 21"	200 = 20"
245 = 24.5"	205 = 20.5"
255 = 25.5"	235 = 23.5"
	251 = 25.1"

[1] C-depth not available for aluminum slabs.

[2] Piston will always be sized to match the nominal BTU rating of the coil.

[3] Refrigerant connections and exposed drain connections are both on the left or right side as indicated.

[4] Cabinet height not a selectable option, see cased dimensions.

[1] E & A = Copper slab; G = Aluminum slab.

Cased Dimensions						
Slab <sup>[1]</sup> Number	Nominal MBTUH	Width [A]		Height [C]		Notes
		Vertical	Multi-Position	Vert	Multi-Pos	
(E,G) 41	42	25.5"	--	25.5"	--	Not available in multi-position.
	48					
	60					
(E,G) 43 **	** 36	25.5"	--	27.5"	--	Not available in multi-position. ** E43 3-ton not available with HP TXV.
	42					
	48					
	60					
(E,G) 46	42	24.5"	--	29.5"	--	Not available in multi-position.
	48					
	60					
(E,G) 47	24	17.5" - 21.0"	17.5" - 21.0"	29.5"	29.5"	--
	30					
	36					
(E,G) 48	36	** 14.25" - 24.5"	** 14.75" - 24.5"	** 27.5"	** 27.5"	** If cabinet width is 17" or less for upflow or 17.25" for multi-position, cabinet height must be 29.5".
	42	17.5" - 24.5"	17.5" - 24.5"			
	48					
	60					
(E,G) 49	42	21.0" - 24.5"	21.0" - 24.5"	27.5"	27.5"	--
	48					
	60					
(E,G) 50	42	21.0" - 24.5"	21.0" - 24.5"	27.5"	27.5"	--
	48					
	60					
(E,G) 51	42	21.0" - 24.5"	21.0" - 24.5"	31.5"	31.5"	--
	48					
	60					
(E,G) 52	42	21.0" - 24.5"	--	31.5"	--	Not available in multi-position.
	48					
	60					
(E,G) 53	18	14.25" - 17.5"	--	31.5"	--	Not available in multi-position.
	24	14.25" - 21.0"	--			
	30					
	36					
	42					
48	17.5" - 24.5"	--				
(E,G) 54	42	21.0" - 24.5"	21.0" - 24.5"	** 31.5"	** 31.5"	** 31.5" height available in all colors. ** 29.5" height available in P color (D & E depths only).
	48					
	60					
(E,G) 55	42	21.0" - 24.5"	21" - 24.5"	31.5"	31.5"	--
	48					
	60					
(E,G) 56	42	24.5"	--	27.5"	--	Not available in multi-position.
	48					
	60					
(E,G) 57	24	21.0" - 24.5"	21.0" - 24.5"	27.5"	27.5"	--
	30					
	36					
(E,G) 65	42	24.5"	--	31.5"	--	Not available in multi-position.
	48					
	60					

# HE Series – Pallet Quantities

Cased												
Cabinet Width	Pallet Qty by Cabinet Height (in)											
	12.5	14.5	16.5	18.5	20.5	21.5	22.5	24.5	25.5	27.5	29.5	31.5
14.00"	18	12	12	12	6	6	6	6	6	-	-	-
14.25"	18	12	12	12	6	6	6	6	6	-	-	-
14.50"	18	12	12	12	6	6	6	6	6	4	-	-
17.50"	8	8	8	8	4	4	4	4	4	4	4	-
21.00"	-	8	8	8	4	4	4	4	4	4	4	4
24.50"	-	8	8	8	4	4	4	4	4	4	4	4
25.50"	-	4	4	4	4	4	4	4	4	4	4	4

Uncased												
Drain Pan Width	Pallet Qty by Coil Height (in)											
	11	13	15	17	19	21	23	25	27	29	31	
13.00"	18	18	12	12	12	6	6	6	6	-	-	
14.00"	18	18	12	12	12	6	6	6	6	-	-	
15.50"	18	18	12	12	12	4	4	4	4	-	4	
17.00"	8	8	8	8	8	4	4	4	4	-	-	
20.00"	-	-	-	8	8	4	4	4	4	4	4	
20.50"	-	-	-	-	-	-	4	4	4	4	4	
23.50"	-	-	-	-	8	4	4	4	4	4	4	
25.12"	-	-	-	-	-	-	-	4	4	-	-	

