

# 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.

[2] Face velocity **above 350 ft/min** not recommended for downflow applications due to potential water blow-off.

		<b>Uncased Dimensions and Airflow Data</b>										<b>Weights</b>							
Slab <sup>[1]</sup> Number	Nominal MBTUH	CFM	Face Vel. <sup>[2]</sup> (fpm)	Wet Coil Air Pressure Drop (inches W.C.) by Drain Pan Width [A]								Pan Depth [B]	Coil Height [C]	Copper Slab			Alum Slab		
				13"	14"	15.5"	17"	20"	20.5"	23.5"	25.12"			Unc	Csd Vert	Csd MP	Unc	Csd Vert	Csd MP
(E,G) 26	42	1400	286	-	-	.29	.26	.22	-	-	-	19.5"	23"	33	47	54	26	38	43
	48	1600	327	-	-	-	.29	.25	-	-	-								
	60	2000	409	-	-	-	-	.29	-	-	-								
(E,G) 27	42	1400	263	-	-	.28	.25	.21	-	-	-	19.5"	25"	36	52	57	29	42	46
	48	1600	300	-	-	-	.28	.24	-	-	-								
	60	2000	375	-	-	-	-	.29	-	-	-								
(E,G) 30	18	600	270	.28	.26	.23	-	-	-	-	-	19.5"	11"	22	29	36	18	23	29
	24	800	360	.30	.28	.26	-	-	-	-	-								
(E,G) 31	18	600	224	.27	.22	.19	.18	-	-	-	-	19.5"	13"	24	34	38	19	27	30
	24	800	299	.30	.25	.21	.20	-	-	-	-								
	30	1000	375	.30	.29	.25	.24	-	-	-	-								
(E,G) 32	24	800	257	.25	.21	.19	.17	-	-	-	-	19.5"	15"	28	40	46	22	32	37
	30	1000	321	.30	.25	.23	.20	-	-	-	-								
	36	1200	386	-	.30	.29	.27	-	-	-	-								
(E,G) 7J	18	600	193	.21	.18	.17	.14	-	-	-	-	19.5"	15"	28	40	46	22	32	37
	24	800	257	.29	.24	.22	.19	-	-	-	-								
	30	1000	321	.34	.29	.26	.23	-	-	-	-								
	36	1200	386	-	.34	.33	.31	-	-	-	-								
(E,G) 33	18	600	169	.14	.11	.10	.09	.08	-	-	-	19.5"	17"	32	44	50	26	35	40
	24	800	225	.24	.19	.18	.17	.14	-	-	-								
	30	1000	281	.29	.24	.22	.19	.15	-	-	-								
	36	1200	337	-	.30	.28	.24	.20	-	-	-								
(E,G) 8J	24	800	225	.27	.22	.21	.19	.16	-	-	-	19.5"	17"	32	44	50	26	35	40
	30	1000	281	.33	.27	.25	.22	.17	-	-	-								
	36	1200	337	-	.34	.32	.27	.23	-	-	-								
(E,G) 34	30	1000	250	.27	.22	.21	.18	.13	-	-	-	19.5"	19"	35	48	56	28	38	45
	36	1200	300	-	.29	.27	.25	.17	-	-	-								
	42	1400	350	-	-	.30	.28	.26	-	-	-								
(E,G) 9J	24	800	200	.25	.20	.18	.15	.10	-	-	-	19.5"	19"	35	48	56	28	38	45
	30	1000	250	.31	.25	.24	.21	.15	-	-	-								
	36	1200	300	-	.33	.31	.29	.19	-	-	-								
	42	1400	350	-	-	.34	.32	.30	-	-	-								
(E,G) 35	36	1200	270	-	.27	.26	.24	.20	-	-	-	19.5"	21.0"	39	53	60	31	42	48
	42	1400	315	-	-	.30	.27	.25	-	-	-								
	48	1600	360	-	-	-	.30	.30	-	-	-								
(E,G) 1K	30	1000	225	.25	.23	.21	.10	.17	-	-	-	19.5"	21.0"	39	53	60	31	42	48
	36	1200	270	-	.31	.30	.27	.23	-	-	-								
	42	1400	315	-	-	.34	.31	.29	-	-	-								
	48	1600	360	-	-	-	.34	.34	-	-	-								
(E,G) 36	36	1200	245	-	.26	.26	.22	.14	-	-	-	19.5"	23"	41	57	64	33	46	51
	42	1400	286	-	-	.30	.25	.24	-	-	-								
	48	1600	327	-	-	-	.28	.27	-	-	-								
	60	2000	409	-	-	-	-	.30	-	-	-								
(E,G) 2K	36	1200	245	-	.28	.28	.24	.15	-	-	-	19.5"	23"	41	57	64	33	46	51
	42	1400	286	-	-	.32	.27	.26	-	-	-								
	48	1600	327	-	-	-	.30	.29	-	-	-								
	60	2000	409	-	-	-	-	.32	-	-	-								
(E,G) 37	36	1200	225	-	.24	.26	.22	.14	-	-	-	19.5"	25"	45	61	65	36	49	52
	42	1400	262	-	-	.30	.28	.24	-	-	-								
	48	1600	300	-	-	-	.30	.27	-	-	-								
	60	2000	375	-	-	-	-	.29	-	-	-								
(E,G) 3K	36	1200	225	-	.26	.28	.24	.15	-	-	-	19.5"	25"	45	61	65	36	49	52
	42	1400	262	-	-	.32	.30	.26	-	-	-								
	48	1600	300	-	-	-	.32	.29	-	-	-								
	60	2000	375	-	-	-	-	.31	-	-	-								

# 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	-	-	

