

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 ^[1]

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

AP = TXV access port ^[2]

MBTUH R-410A

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

Product Code ^[3]

- 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 ^[4]

- 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.

Uncased Dimensions and Airflow Data

Weights

Slab ^[1] Number	Nominal MBTUH	CFM	Face Vel. ^[2] (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) 41	42	1400	200	-	-	-	-	-	-	-	.28	20"	25"	58	75	81	46	60	65
	48	1600	229	-	-	-	-	-	-	-	.29								
	60	2000	286	-	-	-	-	-	-	-	.30								
(E,G) 43 **	** 36	1200	158	-	-	-	-	-	-	-	.14	20"	27"	62	78	84	50	62	67
	42	1400	185	-	-	-	-	-	-	-	.18								
	48	1600	211	-	-	-	-	-	-	-	.23								
	60	2000	264	-	-	-	-	-	-	-	.33								
(E,G) 46	42	1400	183	-	-	-	-	-	-	.19	19.5"	29"	65	80	--	52	64	--	
	48	1600	209	-	-	-	-	-	-	.24									
	60	2000	261	-	-	-	-	-	-	.34									
(E,G) 47	24	800	138	-	-	-	.10	-	.08	-	-	19.5"	27"	50	66	72	40	53	58
	30	1000	173	-	-	-	.13	-	.12	-	-								
	36	1200	208	-	-	-	.15	-	.16	-	-								
(E,G) 48	36	1200	208	-	.27	.25	.21	.13	-	-	-	19.5"	27"	44	60	66	35	48	53
	42	1400	242	-	-	.29	.27	.23	-	-	-								
	48	1600	277	-	-	-	.29	.26	-	-	-								
	60	2000	346	-	-	-	-	.28	-	-	-								
(E,G) 49	42	1400	263	-	-	-	-	-	.28	-	-	19.5"	25"	47	63	69	38	50	55
	48	1600	300	-	-	-	-	-	.29	-	-								
	60	2000	375	-	-	-	-	-	.32	-	-								
(E,G) 50	42	1400	242	-	-	-	-	-	.27	-	-	19.5"	27"	50	66	72	40	53	58
	48	1600	277	-	-	-	-	-	.28	-	-								
	60	2000	346	-	-	-	-	-	.30	-	-								
(E,G) 51	42	1400	225	-	-	-	-	-	.25	-	-	19.5"	29"	55	73	79	44	58	63
	48	1600	257	-	-	-	-	-	.27	-	-								
	60	2000	322	-	-	-	-	-	.29	-	-								
(E,G) 52	42	1400	210	-	-	-	-	-	.18	-	-	19.5"	31"	62	77	--	50	62	--
	48	1600	240	-	-	-	-	-	.22	-	-								
	60	2000	300	-	-	-	-	-	.32	-	-								
(E,G) 53	18	600	90	-	.07	-	.06	-	-	-	-	19.5"	31"	50	62	--	40	50	--
	24	800	120	-	.11	-	.10	-	-	-	-								
	30	1000	150	-	.15	-	.14	.14	-	-	-								
	36	1200	180	-	.20	-	.19	.18	-	-	-								
	42	1400	210	-	-	-	.22	.21	-	-	-								
	48	1600	240	-	-	-	.31	.29	-	-	-								
(E,G) 54	42	1400	225	-	-	-	-	.17	-	-	-	19.5"	29"	50	70	75	40	56	60
	48	1600	257	-	-	-	-	.21	-	-	-								
	60	2000	322	-	-	-	-	.30	-	-	-								
(E,G) 55	42	1400	210	-	-	-	-	.21	-	-	-	19.5"	31"	50	70	75	40	56	60
	48	1600	240	-	-	-	-	.29	-	-	-								
	60	2000	300	-	-	-	-	.35	-	-	-								
(E,G) 56	42	1400	197	-	-	-	-	-	.21	-	-	19.5"	27"	68	83	--	54	66	--
	48	1600	225	-	-	-	-	-	.26	-	-								
	60	2000	281	-	-	-	-	-	.38	-	-								
(E,G) 57	24	800	138	-	-	-	-	-	.08	-	-	19.5"	27"	50	66	72	40	53	58
	30	1000	173	-	-	-	-	-	.12	-	-								
	36	1200	208	-	-	-	-	-	.16	-	-								
(E,G) 65	42	1400	171	-	-	-	-	-	.13	-	-	19.5"	31"	77	92	--	62	74	--
	48	1600	195	-	-	-	-	-	.16	-	-								
	60	2000	244	-	-	-	-	-	.23	-	-								

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	-	-	

