

Specification Guide

HE Series Evaporator Coils



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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 2 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]

- 1 = Piston (R-410A)
- 2 = Piston (R-22)
- 6 = Non-bleed A/C TXV (R-410A)
- 7 = Bleed HP-A/C TXV (R-410A)
- 8 = Bleed A/C TXV (R-410A)
- 9 = Non-bleed HP-A/C TXV (R-410A)

Nominal MBTUH

Cabinet Depth ^[4]

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

Piston Size ^[3]

AP = TXV access port ^[4]

MBTUH	R-22	R-410A
12	41	41
18	53	49
24	59	53
30	67	59
36	73	67
42	80	73
48	84	76
60	93	93

Product Code ^[5]

- 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 ^[6]

- 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] 7 and 8 valve options available only for York family products.

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

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

[4] TXV access port standard on factory installed TXVs; optional on piston models.

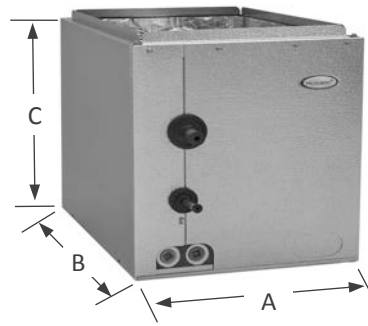
[5] Refrigerant connections and exposed drain connections are both on the left or right side as indicated.

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

HE Series – Cased Specifications

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")

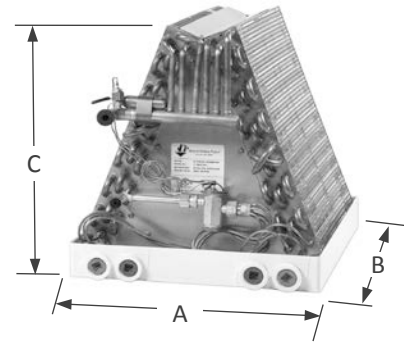


[1] E & A = Copper slab; G = Aluminum slab.

Cased Dimensions								
Slab ^[1] Number	Nominal MBTUH	Width [A]		Height [C]		Notes		
		Vertical	Multi-Position	Vert	Multi-Pos			
A08	18	14" - 17.5"	14" - 17.5"	12.5"	16.5"	--		
	24							
A09	18	14" - 21.0"	14" - 21.0"	16.5"	16.5"	--		
	24							
	30							
A10	24	14" - 21.0"	14" - 21.0"	16.5"	16.5"	--		
	30							
	36							
A11	36	14.5" - 24.5"	14.5" - 24.5"	18.5"	20.5"	--		
	42	17.5" - 24.5"	17.5" - 24.5"					
A12	36	14.5" - 24.5"	14.5" - 24.5"	20.5"	20.5"	--		
	42	17.5" - 24.5"	17.5" - 24.5"					
	48							
A13	36	14.25" - 24.5"	14.5" - 24.5"	** 25.5"	** 25.5"	** 22.5" height available in H, R & T colors.		
	42	17.5" - 24.5"	17.5" - 24.5"					
	48							
A14	36	14.25" - 24.5"	14.5" - 24.5"	25.5"	25.5"	--		
	42	17.5" - 24.5"	17.5" - 24.5"					
	48							
	60						21.0" - 24.5"	21.0" - 24.5"
A15	36	** 14.25" - 24.5"	** 14.5" - 24.5"	** 25.5"	** 25.5"	** If cabinet width is 17" or less for upflow or 17.25" for multi-position, cabinet height must be 27.5".		
	42	** 17.5" - 24.5"	** 17.5" - 24.5"					
	48	21.0" - 24.5"	21.0" - 24.5"					
	60							
A91	42	25.5" - 24.5"	--	25.5"	--	Not available in multi-position or "C" Depth (20.5")		
	48							
	60							
(E,G) 20	18	14.5" - 17.5"	14" - 21.0"	12.5"	16.5"	--		
	24							
(E,G) 21	18	14" - 17.5"	14" - 21.0"	** 16.5"	** 16.5"	** 16.5" height available in all colors. ** 14.5" height available in P color (D & E depths only).		
	24							
	30							
(E,G) 22	18	14" - 24.5"	14" - 24.5"	16.5"	16.5"	--		
	24							
	30						14" - 24.5"	14.5" - 24.5"
	36							
(E,G) 23	24	14" - 17.5"	14" - 24.5"	18.5"	20.5"	--		
	30							
	36						14.25" - 24.5"	14.5" - 24.5"
	42							
(E,G) 24	24	14.25" - 21.0"	14.5" - 21.0"	20.5"	20.5"	--		
	30							
	36							
	42							
	48							
(E,G) 25	36	14.25" - 21.0"	14.5" - 21.0"	** 25.5"	** 25.5"	** 25.5" height available in all colors. ** 22.5" height avail in H, R & T colors. ** 21.5" height available in P color (D & E depths only).		
	42	17.5" - 24.5"	17.5" - 24.5"					
	48							

HE Series – Uncased Specifications

A = Width
 B = Depth
 C = Height (excluding 3/4" top flange)



[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
A08	18	600	270	.20	.18	.15	-	-	-	-	-	19.5"	11"	21	27	33	17	22	26
	24	800	360	.25	.20	.18	-	-	-	-	-								
A09	18	600	224	.19	.14	.11	.09	-	-	-	-	19.5"	13"	23	33	37	18	26	30
	24	800	299	.22	.17	.13	.12	-	-	-	-								
	30	1000	375	.25	.21	.17	.16	-	-	-	-								
A10	24	800	257	.17	.13	.11	.09	-	-	-	-	19.5"	15"	26	38	44	21	30	35
	30	1000	321	.23	.17	.15	.12	-	-	-	-								
	36	1200	386	-	.23	.21	.19	-	-	-	-								
A11	36	1200	337	-	.22	.20	.16	.15	-	-	-	19.5"	17"	30	42	48	24	34	38
	42	1400	393	-	-	.26	.20	.19	-	-	-								
A12	36	1200	300	-	.21	.19	.17	.09	-	-	-	19.5"	19"	33	46	52	26	37	42
	42	1400	350	-	-	.25	.20	.16	-	-	-								
	48	1600	400	-	-	-	.26	.22	-	-	-								
A13	36	1200	270	-	.19	.18	.16	.12	-	-	-	19.5"	21.0"	36	50	56	29	40	45
	42	1400	315	-	-	.24	.19	.17	-	-	-								
	48	1600	360	-	-	-	.24	.23	-	-	-								
A14	36	1200	245	-	.18	.18	.14	.06	-	-	-	19.5"	23"	38	54	60	30	43	48
	42	1400	286	-	-	.23	.20	.16	-	-	-								
	48	1600	327	-	-	-	.23	.19	-	-	-								
	60	2000	409	-	-	-	-	.24	-	-	-								
A15	36	1200	225	-	.16	.18	.14	.06	-	-	-	19.5"	25"	42	58	64	34	46	51
	42	1400	262	-	-	.23	.20	.16	-	-	-								
	48	1600	300	-	-	-	.23	.19	-	-	-								
	60	2000	375	-	-	-	-	.24	-	-	-								
A91	42	1400	200	-	-	-	-	-	-	-	0.22	20"	25"	54	70	76	43	56	61
	48	1600	229	-	-	-	-	-	-	-	0.26								
	60	2000	286	-	-	-	-	-	-	-	0.36								
(E,G) 20	18	600	270	.21	.19	.17	-	-	-	-	-	19.5"	11"	18	26	31	14	21	25
	24	800	360	.26	.24	.21	-	-	-	-	-								
(E,G) 21	18	600	224	.20	.18	.15	.14	-	-	-	-	19.5"	13"	20	30	35	16	24	28
	24	800	299	.23	.20	.18	.17	-	-	-	-								
	30	1000	375	.27	.25	.23	.22	-	-	-	-								
(E,G) 22	18	600	193	.18	.15	.12	.11	-	-	-	-	19.5"	15"	23	33	38	18	26	30
	24	800	257	.22	.18	.15	.14	-	-	-	-								
	30	1000	321	.28	.22	.20	.19	-	-	-	-								
	36	1200	386	-	.28	.25	.24	-	-	-	-								
(E,G) 23	24	800	225	.21	.16	.15	.12	.11	-	-	-	19.5"	17"	26	38	45	21	30	36
	30	1000	281	.26	.21	.19	.17	.15	-	-	-								
	36	1200	337	-	.27	.25	.22	.20	-	-	-								
	42	1400	393	-	-	.31	.27	.24	-	-	-								
(E,G) 24	24	800	200	.15	.13	.11	.10	-	-	-	-	19.5"	19"						
	30	1000	250	.22	.18	.16	.14	-	-	-	-								
	36	1200	300	.29	.25	.20	.19	-	-	-	-								
	42	1400	350	-	-	.30	.25	.25	-	-	-								
(E,G) 25	36	1200	270	.28	.26	.19	.18	-	-	-	-	19.5"	21.0"	32	46	54	26	37	43
	42	1400	315	-	-	.29	.24	.22	-	-	-								
	48	1600	360	-	-	-	.29	.28	-	-	-								

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

Cased Dimensions						
Slab ^[1] Number	Nominal MBTUH	Width [A]		Height [C]		Notes
		Vertical	Multi-Position	Vert	Multi-Pos	
(E,G) 26	42	17.5" - 24.5"	17.5" - 24.5"	** 25.5"	** 25.5"	** 25.5" height available in all colors. ** 24.5" height available in P color (D & E depths only).
	48					
	60	21.0" - 24.5"	20.5" - 24.5"			
(E,G) 27	42	** 17.5" - 24.5"	** 17.5" - 24.5"	** 25.5"	** 25.5"	** If cabinet width is 17" or less for upflow or 17.25" for multi-position, cabinet height must be 27.5".
	48					
	60	21.0" - 24.5"	21.0" - 24.5"			
(E,G) 30	18	14" - 17.5"	14" - 17.75"	12.5"	16.5"	--
	24					
(E,G) 31	18	14" - 21.0"	14" - 21.0"	** 16.5"	** 16.5"	** 16.5" height available in all colors. ** 14.5" height available in P color (D & E depths only).
	24					
	30					
(E,G) 32	24	14" - 21.0"	14" - 21.0"	16.5"	16.5"	--
	30					
	36	14" - 21.0"	14.5" - 21.0"			
(E,G) 7J	18	14" - 21.0"	14.5" - 21.0"	16.5"	16.5"	--
	24					
	30	14.25" - 21.0"	14.5" - 24.5"			
	36					
(E,G) 33	18	14" - 24.5"	14" - 24.5"	18.5"	20.5"	--
	24					
	30	14.25" - 24.5"	14.25" - 24.5"			
	36					
(E,G) 8J	24	14.25" - 24.5"	14.5" - 24.5"	18.5"	20.5"	--
	30					
	36					
(E,G) 34	30	14.25" - 24.5"	14.5" - 24.5"	20.5"	20.5"	--
	36					
	42	17.5" - 24.5"	17.5" - 24.5"			
(E,G) 9J	24	14" - 24.5"	14" - 24.5"	20.5"	20.5"	--
	30					
	36	14.25" - 24.5"	14.5" - 24.5"			
	42			17.5" - 24.5"	17.5" - 24.5"	
(E,G) 35	36	14.25" - 24.5"	14.5" - 24.5"	** 25.5"	** 25.5"	** 25.5" height available in all colors. ** 22.5" height avail in H, R, & T colors. ** 21.5" height available in P color (D & E depths only).
	42					
	48	17.5" - 24.5"	17.5" - 24.5"			
(E,G) 1K	30	14.25" - 24.5"	14.5" - 24.5"	**25.5"	**25.5"	** 25.5" height available in all colors. 22.5" height available in H, R, & T 21.5" height available in P color (D & E depth only).
	36					
	42	17.5" - 24.5"	17.5" - 24.5"			
	48					
(E,G) 36	36	14.25" - 24.5"	14.5" - 24.5"	** 25.5"	** 25.5"	** 25.5" height available in all colors. ** 24.5" height available in P color (D & E depths only).
	42					
	48	17.5" - 24.5"	17.5" - 24.5"			
	60			21.0" - 24.5"	21.0" - 24.5"	
(E,G) 2K	36	14.25" - 24.5"	14.5" - 24.5"	**25.5"	**25.5"	**25.5" height available in all colors. 24.5" height available in P color (D& E depths only)
	42					
	48	17.5" - 24.5"	17.5" - 24.5"			
	60			21.0" - 24.5"	21.0" - 24.5"	
(E,G) 37	36	** 14" - 24.5"	** 14.5" - 24.5"	** 25.5"	** 25.5"	**If cabinet width is less than 17.5", cabinet height will be 27.5".
	42	** 17.5" - 24.5"	** 17.5" - 24.5"			
	48					
	60	21.0" - 24.5"	21.0" - 24.5"			
(E,G) 3K	36	14.25" - 24.5"	14.5" - 24.5"	**25.5"	**25.5"	**If cabinet width is less than 17.5", cabinet height will be 27.5".
	42					
	48	17.5" - 24.5"	17.5" - 24.5"	25.5"	25.5"	
	60			21.0" - 24.5"	21.0" - 24.5"	

[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) 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	-	-	-	-	-								

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

Cased Dimensions						
Slab ^[1] 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	17.5" - 24.5"	--			
48						
(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					

[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"
	48	1600	229	-	-	-	-	-	-	-	.29								
	60	2000	286	-	-	-	-	-	-	-	.30								
(E,G) 43 **	** 36	1200	158	-	-	-	-	-	-	-	.14	20"	27"						
	42	1400	185	-	-	-	-	-	-	-	.18								
	48	1600	211	-	-	-	-	-	-	-	.23								
	60	2000	264	-	-	-	-	-	-	-	.33								
(E,G) 46	42	1400	183	-	-	-	-	-	-	-	.19	19.5"	29"						
	48	1600	209	-	-	-	-	-	-	-	.24								
	60	2000	261	-	-	-	-	-	-	-	.34								
(E,G) 47	24	800	138	-	-	-	.10	-	.08	-	-	19.5"	27"						
	30	1000	173	-	-	-	.13	-	.12	-	-								
	36	1200	208	-	-	-	.15	-	.16	-	-								
(E,G) 48	36	1200	208	-	.27	.25	.21	.13	-	-	-	19.5"	27"						
	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"						
	48	1600	300	-	-	-	-	-	.29	-	-								
	60	2000	375	-	-	-	-	-	.32	-	-								
(E,G) 50	42	1400	242	-	-	-	-	-	.27	-	-	19.5"	27"						
	48	1600	277	-	-	-	-	-	.28	-	-								
	60	2000	346	-	-	-	-	-	.30	-	-								
(E,G) 51	42	1400	225	-	-	-	-	-	.25	-	-	19.5"	29"						
	48	1600	257	-	-	-	-	-	.27	-	-								
	60	2000	322	-	-	-	-	-	.29	-	-								
(E,G) 52	42	1400	210	-	-	-	-	-	.18	-	-	19.5"	31"						
	48	1600	240	-	-	-	-	-	.22	-	-								
	60	2000	300	-	-	-	-	-	.32	-	-								
(E,G) 53	18	600	90	-	.07	-	.06	-	-	-	-	19.5"	31"						
	24	800	120	-	.11	-	.10	-	-	-	-								
	30	1000	150	-	.15	-	.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"						
	48	1600	257	-	-	-	-	.21	-	-	-								
	60	2000	322	-	-	-	-	.30	-	-	-								
(E,G) 55	42	1400	210	-	-	-	-	.21	-	-	-	19.5"	31"						
	48	1600	240	-	-	-	-	.29	-	-	-								
	60	2000	300	-	-	-	-	.35	-	-	-								
(E,G) 56	42	1400	197	-	-	-	-	-	.21	-	-	19.5"	27"						
	48	1600	225	-	-	-	-	-	.26	-	-								
	60	2000	281	-	-	-	-	-	.38	-	-								
(E,G) 57	24	800	138	-	-	-	-	-	.08	-	-	19.5"	27"						
	30	1000	173	-	-	-	-	-	.12	-	-								
	36	1200	208	-	-	-	-	-	.16	-	-								
(E,G) 65	42	1400	171	-	-	-	-	-	-	.13	-	19.5"	31"						
	48	1600	195	-	-	-	-	-	-	.16	-								
	60	2000	244	-	-	-	-	-	-	.23	-								

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

Cased Dimensions						
Slab ^[1] Number	Nominal MBTUH	Width [A]		Height [C]		Notes
		Vertical	Multi-Position	Vert	Multi-Pos	
(E,G) 70	42	24.5"	--	18.5"	--	Not available in multi-position.
	48					
	60					
(E,G) 71	42	24.5"	--	** 25.5"	--	Not available in multi-position. ** 25.5" height available in all colors. ** 22.5" height avail in H, R, & T colors.
	48					
	60					
(E,G) 72	42	24.5"	--	** 25.5"	--	Not available in multi-position. ** 25.5" height available in all colors. ** 24.5" height available in P color (D &
	48					
	60					
(E,G) 73	42	24.5"	--	25.5"	--	Not available in multi-position.
	48					
	60					
(E,G) 74	42	24.5"	--	18.5"	--	Not available in multi-position.
	48					
	60					
(E,G) 75	42	24.5"	--	** 25.5"	--	Not available in multi-position. ** 25.5" height available in all colors. ** 22.5" height avail in H, R, & T colors.
	48					
	60					
(E,G) 76	42	24.5"	--	** 25.5"	--	Not available in multi-position. ** 25.5" height available in all colors. ** 24.5" height available in P color (D & E depths only).
	48					
	60					
(E,G) 77	42	24.5"	--	25.5"	--	Not available in multi-position.
	48					
	60					
(E,G) 80	18	14.25" - 21.0"	14.5" - 21.0"	20.5"	20.5"	--
	24	14.25" - 24.5"	14.5" - 24.5"			
	30					
	36					
(E,G) 81	24	14.25" - 24.5"	14.5" - 24.5"	20.5"	20.5"	--
	30					
	36					
(E,G) 82	24	14.25" - 24.5"	14.5" - 24.5"	** 25.5"	** 25.5"	** 25.5" height available in all colors. ** 22.5" height available in H, R, & T colors.
	30					
	36					
(E,G) 83	24	14.25" - 24.5"	14.5" - 24.5"	25.5"	25.5"	--
	30					
	36					
(E,G) 84	42	17.5" - 24.5"	17.5" - 24.5"	25.5"	25.5"	--
	48	21.0" - 24.5"	21.0" - 24.5"			
	60					
(E,G) 85	24	14.25" - 24.5"	14.5" - 24.5"	27.5"	27.5"	--
	30					
	36					
(E,G) 86	42	17.5" - 24.5"	17.5" - 24.5"	27.5"	27.5"	--
	48	21.0" - 24.5"	21.0" - 24.5"			
	60					
(E,G) 87	24	** 17.5" - 21.0"	17.5" - 21.0"	** 27.5"	** 27.5"	** If cabinet width is 20.75" or less for upflow or multi-position, cabinet height must be 29.5".
	30					
	36					
(E,G) 88	42	** 17.5" - 24.5"	17.5" - 24.5"	** 27.5"	** 27.5"	** If cabinet width is 20.75" or less for upflow or multi-position, cabinet height must be 29.5".
	48	** 21.0" - 24.5"	21.0" - 24.5"			
	60					

[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]	
				13"	14"	15.5"	17"	20"	20.5"	23.5"			25.12"
				(E,G) 70	42	1400	282	-	-	-			-
	48	1600	322	-	-	-	-	-	-	.28	-		
	60	2000	402	-	-	-	-	-	-	.43	-		
(E,G) 71	42	1400	252	-	-	-	-	-	-	.19	-	19.5"	21.0"
	48	1600	288	-	-	-	-	-	-	.25	-		
	60	2000	360	-	-	-	-	-	-	.36	-		
(E,G) 72	42	1400	229	-	-	-	-	-	-	.17	-	19.5"	23"
	48	1600	262	-	-	-	-	-	-	.21	-		
	60	2000	329	-	-	-	-	-	-	.29	-		
(E,G) 73	42	1400	211	-	-	-	-	-	-	.14	-	19.5"	25"
	48	1600	240	-	-	-	-	-	-	.18	-		
	60	2000	300	-	-	-	-	-	-	.26	-		
(E,G) 74	42	1400	280	-	-	-	-	-	-	.27	-	19.5"	19"
	48	1600	320	-	-	-	-	-	-	.34	-		
	60	2000	400	-	-	-	-	-	-	.51	-		
(E,G) 75	42	1400	254	-	-	-	-	-	-	.23	-	19.5"	21.0"
	48	1600	288	-	-	-	-	-	-	.28	-		
	60	2000	362	-	-	-	-	-	-	.41	-		
(E,G) 76	42	1400	229	-	-	-	-	-	-	.20	-	19.5"	23"
	48	1600	262	-	-	-	-	-	-	.24	-		
	60	2000	329	-	-	-	-	-	-	.35	-		
(E,G) 77	42	1400	211	-	-	-	-	-	-	.17	-	19.5"	25"
	48	1600	241	-	-	-	-	-	-	.21	-		
	60	2000	302	-	-	-	-	-	-	.30	-		
(E,G) 80	18	600	169	-	.20	-	.19	-	-	-	-	19.5"	17"
	24	800	225	-	.28	-	.27	-	-	-	-		
	30	1000	281	-	.40	-	.37	-	-	-	-		
	36	1200	338	-	.53	-	.50	-	-	-	-		
(E,G) 81	24	800	200	-	.23	-	.22	-	-	-	-	19.5"	19"
	30	1000	250	-	.35	-	.31	-	-	-	-		
	36	1200	300	-	.48	-	.41	-	-	-	-		
(E,G) 82	24	800	181	-	.22	-	.19	-	-	-	-	19.5"	21.0"
	30	1000	226	-	.32	-	.28	-	-	-	-		
	36	1200	271	-	.45	-	.37	-	-	-	-		
(E,G) 83	24	800	164	-	.19	-	.16	-	-	-	-	19.5"	23"
	30	1000	205	-	.28	-	.23	-	-	-	-		
	36	1200	246	-	.40	-	.31	-	-	-	-		
(E,G) 84	42	1400	287	-	-	-	.40	-	.37	-	-	19.5"	23"
	48	1600	328	-	-	-	.49	-	.39	-	-		
	60	2000	409	-	-	-	.42	-	-	-	-		
(E,G) 85	24	800	151	-	.16	-	.14	-	.13	-	-	19.5"	25"
	30	1000	188	-	.26	-	.20	-	.18	-	-		
	36	1200	226	-	.37	-	.28	-	.24	-	-		
(E,G) 86	42	1400	263	-	-	-	.37	-	.36	-	-	19.5"	25"
	48	1600	301	-	-	-	.46	-	.37	-	-		
	60	2000	376	-	-	-	.41	-	-	-	-		
(E,G) 87	24	800	139	-	-	-	.13	-	.10	-	-	19.5"	27"
	30	1000	174	-	-	-	.19	-	.15	-	-		
	36	1200	208	-	-	-	.27	-	.20	-	-		
(E,G) 88	42	1400	243	-	-	-	.36	-	.35	-	-	19.5"	27"
	48	1600	277	-	-	-	.45	-	.36	-	-		
	60	2000	347	-	-	-	.39	-	-	-	-		

Copper Slab			Alum Slab		
Unc	Csd Vert	Csd MP	Unc	Csd Vert	Csd MP
44	55	--	35	44	--
46	58	--	37	46	--
48	60	--	38	48	--
50	62	--	40	50	--
47	59	--	38	47	--
50	62	--	40	50	--
52	65	--	42	52	--
55	69	--	44	55	--
40	48	53	32	38	42
42	51	56	34	41	45
44	54	59	35	43	47
46	57	63	37	46	50
48	59	65	38	47	52
59	61	68	47	49	54
61	63	70	49	50	56
52	66	72	42	53	58
54	66	74	43	53	59

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	-	-	

