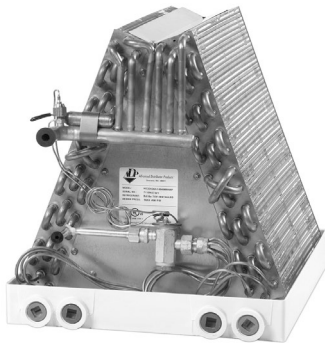


Specification Guide

HE Series Evaporator Coils



Contents	Page
HE Series A-Coils	
Features	2
Nomenclature	3
Specifications.....	4
Pallet Quantities.....	12



Product improvement is a continuous process at Advanced Distributor Products. Therefore, product specifications are subject to change without notice and without obligation on our part. Please contact your ADP representative or distributor to verify details.
© by Advanced Distributor Products. All rights reserved.

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.

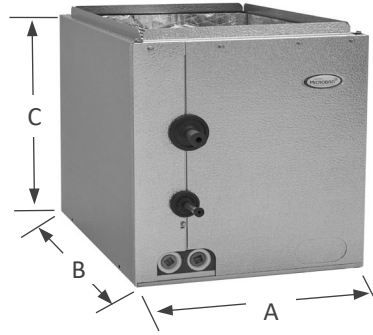
[3] Refrigerant connections and exposed drain connections are both on the left or right side as indicated.

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

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")

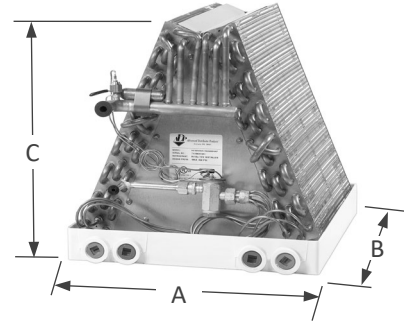


[1] E & A = Copper slab; G = Aluminum slab.

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							
	36						14" - 24.5"	14.5" - 24.5"
(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						17.5" - 24.5"	17.5" - 24.5"
(E,G) 24	18	14.25" - 21.0"	14.5" - 21.0"	20.5"	20.5"	--		
	24							
	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	18	600		.12	.11	.10	.09	-	-	-	-	19.5"	19"	27	40	47	22	32	38
	24	800	200	.15	.13	.11	.10	-	-	-	-								
	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					
	36	14.25" - 21.0"	14.5" - 24.5"			
(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					
(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					
(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					

[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					
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					

[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	-	-								

[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	14.5" - 21"	14.5" - 21"			
	30					
	36					
(E,G) 81	24	14.5" - 21"	14.5" - 21"	20.5"	20.5"	--
	30					
	36					
(E,G) 82	24	14.5" - 21"	14.5" - 21"	** 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	14.5" - 21"	14.5" - 21"	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	14.5" - 21"	14.5" - 21"	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					
(E,G) 91	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) 92	24	14" - 21.0"	14" - 21.0"	16.5"	16.5"	--
	30					
	36					

[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) 70	42	1400	282	-	-	-	-			-	-	.23	-	19.5"	19"
	48	1600	322	-	-	-	-	-	-	.28	-								
	60	2000	402	-	-	-	-	-	-	.43	-								
(E,G) 71	42	1400	252	-	-	-	-	-	-	.19	-	19.5"	21.0"	46	58	--	37	46	--
	48	1600	288	-	-	-	-	-	-	.25	-								
	60	2000	360	-	-	-	-	-	-	.36	-								
(E,G) 72	42	1400	229	-	-	-	-	-	-	.17	-	19.5"	23"	48	60	--	38	48	--
	48	1600	262	-	-	-	-	-	-	.21	-								
	60	2000	329	-	-	-	-	-	-	.29	-								
(E,G) 73	42	1400	211	-	-	-	-	-	-	.14	-	19.5"	25"	50	62	--	40	50	--
	48	1600	240	-	-	-	-	-	-	.18	-								
	60	2000	300	-	-	-	-	-	-	.26	-								
(E,G) 74	42	1400	280	-	-	-	-	-	-	.27	-	19.5"	19"	47	59	--	38	47	--
	48	1600	320	-	-	-	-	-	-	.34	-								
	60	2000	400	-	-	-	-	-	-	.51	-								
(E,G) 75	42	1400	254	-	-	-	-	-	-	.23	-	19.5"	21.0"	50	62	--	40	50	--
	48	1600	288	-	-	-	-	-	-	.28	-								
	60	2000	362	-	-	-	-	-	-	.41	-								
(E,G) 76	42	1400	229	-	-	-	-	-	-	.20	-	19.5"	23"	52	65	--	42	52	--
	48	1600	262	-	-	-	-	-	-	.24	-								
	60	2000	329	-	-	-	-	-	-	.35	-								
(E,G) 77	42	1400	211	-	-	-	-	-	-	.17	-	19.5"	25"	55	69	--	44	55	--
	48	1600	241	-	-	-	-	-	-	.21	-								
	60	2000	302	-	-	-	-	-	-	.30	-								
(E,G) 80	18	600	169	-	.20	-	.19	-	-	-	-	19.5"	17"	40	48	53	32	38	42
	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"	42	51	56	34	41	45
	30	1000	250	-	.35	-	.31	-	-	-	-								
	36	1200	300	-	.48	-	.41	-	-	-	-								
(E,G) 82	24	800	181	-	.22	-	.19	-	-	-	-	19.5"	21.0"	44	54	59	35	43	47
	30	1000	226	-	.32	-	.28	-	-	-	-								
	36	1200	271	-	.45	-	.37	-	-	-	-								
(E,G) 83	24	800	164	-	.19	-	.16	-	-	-	-	19.5"	23"	46	57	63	37	46	50
	30	1000	205	-	.28	-	.23	-	-	-	-								
	36	1200	246	-	.40	-	.31	-	-	-	-								
(E,G) 84	42	1400	287	-	-	-	.40	-	.37	-	-	19.5"	23"	48	59	65	38	47	52
	48	1600	328	-	-	-	.49	-	.39	-	-								
	60	2000	409	-	-	-	.42	-	-	-	-								
(E,G) 85	24	800	151	-	.16	-	.14	-	.13	-	-	19.5"	25"	59	61	68	47	49	54
	30	1000	188	-	.26	-	.20	-	.18	-	-								
	36	1200	226	-	.37	-	.28	-	.24	-	-								
(E,G) 86	42	1400	263	-	-	-	.37	-	.36	-	-	19.5"	25"	61	63	70	49	50	56
	48	1600	301	-	-	-	.46	-	.37	-	-								
	60	2000	376	-	-	-	.41	-	-	-	-								
(E,G) 87	24	800	139	-	-	-	.13	-	.10	-	-	19.5"	27"	52	66	72	42	53	58
	30	1000	174	-	-	-	.19	-	.15	-	-								
	36	1200	208	-	-	-	.27	-	.20	-	-								
(E,G) 88	42	1400	243	-	-	-	.36	-	.35	-	-	19.5"	27"	54	66	74	43	53	59
	48	1600	277	-	-	-	.45	-	.36	-	-								
	60	2000	347	-	-	-	.39	-	-	-	-								
(E,G) 91	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) 92	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	-	-	-	-								

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	-	-	

