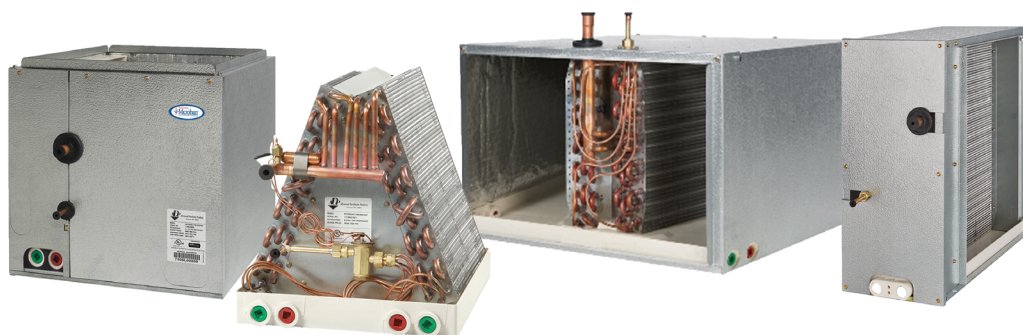


Service Coils

Specification Guide



Product Nomenclature

S 24 R 145

Product Line
S = Service Coil

Nominal MBTUH

Configuration
R = Right Hand Upflow (CU)
L = Left Hand Upflow (CU)
H = Horizontal (AL)
S = Horizontal Slab (CU)
(Multi-position option not available)

Note:
CU = Copper Slab
AL = Aluminum

Width / Height

Cased	Uncased
145 = 14.5"	130 = 13.0"
175 = 17.5"	140 = 14.0"
210 = 21.0"	155 = 15.5"
245 = 24.5"	170 = 17.0"
	200 = 20.0"

Horizontal	Slab
145 = 14.5"	187 = 18.75"
175 = 17.5"	227 = 22.75"
210 = 21.0"	
245 = 24.5"	

(See specifications for available options)



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.

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Product Features

General Features

- THigh efficiency lanced fin design.
- Service coils for indoor coil replacement only.
- Nominal tonnage designed for 10 - 12 SEER systems. For 13 SEER and higher, refer to HE Series specification.
- “No-hassle” 5 year warranty.
- Cased coils are fully lined with 5/8” foil faced insulation.
- AC & Heat Pump compatible.
- All coils have durable packaging with bar coded labels on the box.
- Coils are air pressure tested at 500 psi, leak tested with helium, sealed with rubber plugs, then charged with dry air.
- UV resistant drain pans are molded of high temperature (450 deg. F) engineered polymer.
- Microban® antimicrobial additive to inhibit the growth of mold and mildew in the drain pan.
- HydroTEC™ low water retention drain pan.
- Piston options include externally accessible body for easy piston change out and/or TXV installation.
- Supplied with pistons for both R22 and R-410A applications.
- Liquid line refrigerant connections are 3/8” ODF.

Upflow

- Corrosion resistant coil header plates.
- Cabinet insulation hold down tabs for easy drain pan removal.
- Interlocking doors reduce air leakage and allow for easy access.
- Enhanced refrigerant pipe grommets: secure, tight, and easy to install.
- Intertek lab tested 1% or less cabinet air leakage for better efficiency.
- Foam drain seal for reduced air leakage.
- Non-captive refrigerant lines with long stubs make for easy installation.
- Dual 3/4” FPT condensate drains on front-left and front-right side of drain pans.

Horizontal A-Coil

- Short cabinet with easy access.
- Dual 3/4” FPT condensate drains on front and back of coil allows flexibility of placement to accommodate left or right airflow furnaces.
- Copper refrigerant connections for easy brazing on all Horizontal A-Coil aluminum slab models.
- Non-captive panels allow access to inside of cabinet without the need to cut refrigerant lines.
- Easy to remove access panel for easy cleaning. (4) screws only.
- Dedicated cutouts for condensate drains reduce air leakage.
- Easy to use filler strip, if coil dimensions are larger than furnace.
- Refrigerant connections on top of coil.
- Refrigerant connections are 7/8” ODF suction.
- Refrigerant connections in center of coil away from airflow path.

Horizontal Slab Coils

- Piston options include externally accessible body for easy piston change out and/or TXV installation.
- Suction line refrigerant connections are 7/8” ODF.

Service Coils - Specifications



A = Width
B = Depth
C = Height

Supply Opening: (A - 1.5") x (B - 1.5")

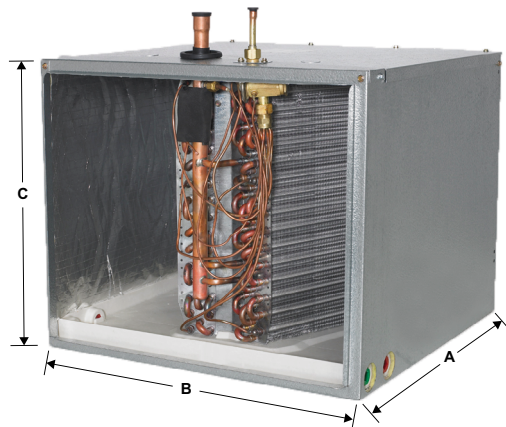
Return Opening: (A - 1.0") x (B - 0.5")

Upflow A-Coils		Model Number	Width [A]	Depth [B]	Height [C]^[1]	Weight (lbs)	Pallet Qty	CFM	Face Vel. (fpm)	Air Pressure Drop^[2] (inches W.C.)
2 TON	Uncased	S 24 (R,L) 130	13.0"	19.5"	11.0"	17	18	800	360	0.22
		S 24 (R,L) 140	14.0"	19.5"	11.0"	17	18	800	360	0.21
	Cased	S 24 (R,L) 145	14.5"	20.5"	12.5"	25	18	800	360	0.21
2.5 TON	Uncased	S 30 (R,L) 130	13.0"	19.5"	13.0"	19	18	1000	375	0.22
		S 30 (R,L) 140	14.0"	19.5"	13.0"	19	18	1000	375	0.21
		S 30 (R,L) 155	15.5"	19.5"	13.0"	19	18	1000	375	0.20
	Cased	S 30 (R,L) 145	14.5"	20.5"	16.5"	29	12	1000	375	0.21
		S 30 (R,L) 175	17.5"	20.5"	16.5"	29	8	1000	375	0.19
		S 30 (R,L) 155	15.5"	19.5"	13.0"	19	18	1000	375	0.20
3 TON	Uncased	S 36 (R,L) 140	14.0"	19.5"	15.0"	22	12	1200	386	0.23
		S 36 (R,L) 155	15.5"	19.5"	15.0"	22	12	1200	386	0.20
		S 36 (R,L) 170	17.0"	19.5"	15.0"	22	8	1200	386	0.19
	Cased	S 36 (R,L) 145	14.5"	20.5"	16.5"	32	12	1200	386	0.23
		S 36 (R,L) 175	17.5"	20.5"	16.5"	32	8	1200	386	0.22
		S 36 (R,L) 210	21.0"	20.5"	16.5"	32	8	1200	386	0.21
3.5 Ton	Uncased	S 42 (R,L) 155	15.5"	19.5"	17.0"	24	12	1400	393	0.26
		S 42 (R,L) 170	17.0"	19.5"	17.0"	24	8	1400	393	0.22
	Cased	S 42 (R,L) 175	17.5"	20.5"	18.5"	36	12	1400	393	0.22
		S 42 (R,L) 210	21"	20.5"	18.5"	36	8	1400	393	0.21
4 TON	Uncased	S 48 (R,L) 170	17.0"	19.5"	19.0"	27	8	1600	400	0.26
		S 48 (R,L) 200	20.0"	19.5"	19.0"	27	8	1600	400	0.22
	Cased	S 48 (R,L) 175	17.5"	20.5"	20.5"	40	4	1600	400	0.26
		S 48 (R,L) 210	21.0"	20.5"	20.5"	40	4	1600	400	0.24
5 TON	Uncased	S 60 (R,L) 200	20.0"	19.5"	25.0"	34	4	2000	375	0.25
	Cased	S 60 (R,L) 210	21.0"	20.5"	25.5"	50	4	2000	375	0.25
		S 60 (R,L) 245	24.5"	20.5"	25.5"	51	4	2000	375	0.24

^[1] Height excludes .75" top flange.

^[2] Air pressure drop data is under wet coil conditions.

Service Coils - Specifications

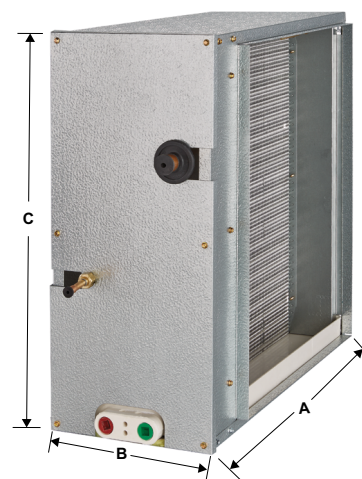


Horizontal Coils

Supply Opening: (C - 1.5") x 19.5"

Return Opening: (C - 1.0") x 20"

A = Width
B = Depth
C = Height



Horizontal / Low Profile Slab Coils

Supply Opening: (C - 1.50") x (A - 4.375")

Return Opening: (C - 1.0") x (A - 4.375")

Horizontal Coils

	Model Number	Width [A]	Depth [B]	Height [C]	Weight	Pallet Qty	CFM	Air Pressure Drop ^[1] (inches W.C.)
2 TON	S 24 H 145	21.5"	21"	14.5"	38	16	800	0.23
3 TON	S 36 H 145	26.5"	21"	14.5"	40	8	1200	0.30
	S 36 H 175	21.5"	21"	17.5"	36	16	1200	0.16
4 TON	S 48 H 175	26.5"	21"	17.5"	40	4	1600	0.23
	S 48 H 210	26.5"	21"	21.0"	41	6	1600	0.21
5 TON	S 60 H 210	26.5"	21"	21.0"	41	6	2000	0.30
	S 60 H 245	26.5"	21"	24.5"	59	2	2000	0.23

Horizontal Slab Coils

	Model Number	Width [A]	Depth [B]	Height [C]	Weight	Pallet Qty	CFM	Air Pressure Drop ^[1] (inches W.C.)
2 TON	S 24 S 227	23"	10"	22.75"	31	6	800	0.17
3 TON	S 36 S 227	27"	10"	22.75"	36	4	1200	0.22
4 TON	S 48 S 227	35"	10"	22.75"	43	4	1600	0.23
5 TON	S 60 S 227	47"	10"	22.75"	61	3	2000	0.25

Low Profile Horizontal Slab Coils

	Model Number	Width [A]	Depth [B]	Height [C]	Weight	Pallet Qty	CFM	Air Pressure Drop ^[1] (inches W.C.)
2 TON	S 24 S 187	23"	10"	18.75"	32	8	800	0.20
3.5 Ton	S 36 S 187	27"	10"	18.75"	36	8	1200	0.25
4 TON	S 48 S 187	35"	10"	18.75"	43	8	1600	0.26
5 TON	S 60 S 187	35"	10"	18.75"	43	8	2000	0.32

[1] Air pressure drop data is under wet coil conditions.

