

INDOOR COILS



RCQC- SUPER HIGH EFFICIENCY INDOOR COILS

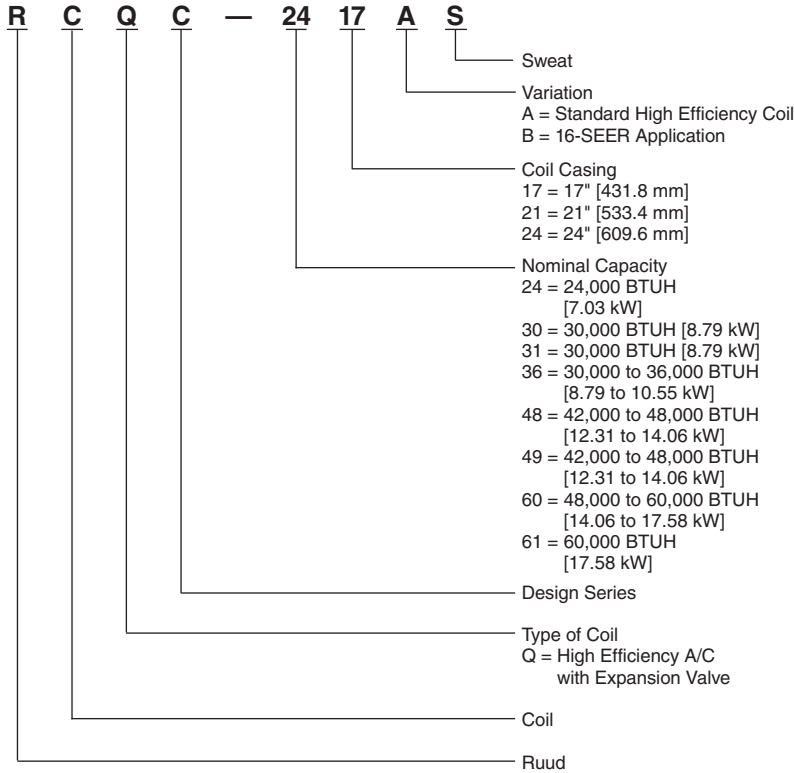
**AIRFLOW CAPACITIES
600-1,900 CFM
[283-897 L/s]**

Ruud® Indoor Coils are designed for use with Ruud outdoor units and are available for vertical upflow, horizontal left or horizontal right airflow. When matched with Ruud outdoor units, the coils provide a capacity range from 24,000 BTU/HR [7.04 kW] to 54,500 BTU/HR [16.0 kW].

- Constructed of aluminum fins bonded to intergrooved copper tubing.
- Coils are tested at the factory with an extensive refrigerant leak check for improved quality control.
- Coils have sweat fitting refrigerant connections.
- Ideally suited for new installations or add on air conditioning.
- Condensate drain connections are 3/4" [19.1 mm] N.P.T. for ease of connection.
- Coils are A.R.I. certified for system application with variety of Ruud outdoor units.
- Condensate drain pan is constructed of high grade, heat resistant, corrosion free thermal-setting material.
- Compatible with Germicidal Light System



MODEL NUMBER DATA



Coil Specifications/Airflow Pressure Drop

Model Number RCQC-	Type Air Flow ①	Approx. Design Air Flow CFM [L/s] Range	Face Area Sq. Ft. [m ²]	Fins-in. Rows Deep	Static Pressure Drop Through Wet Cooling Coil [kPa] (Inches H ₂ O) CFM [L/s]													
					600 [285]	700 [330]	800 [380]	900 [425]	1000 [470]	1100 [519]	1200 [565]	1300 [614]	1400 [660]	1500 [708]	1600 [755]	1700 [802]	1800 [850]	1900 [897]
STANDARD HORIZONTAL COOLING COILS																		
2417AS	U-H	600/1000 [283/472]	3.89 [0.36]	14/3	.10 [.025]	.14 [.035]	.19 [.047]	.23 [.057]	.27 [.067]									
3121AS	U-H	1000/1200 [472/566]	5.83 [0.54]	14/3					.14 [.035]	.17 [.042]	.19 [.047]							
3124AS	U-H	1000/1200 [472/566]	5.83 [0.54]	14/3					.11 [.027]	.13 [.032]	.15 [.037]							
3617AS	U-H	800/1200 [378/566]	4.38 [0.41]	14/3		.14 [.035]	.17 [.042]	.21 [.052]	.25 [.062]	.29 [.072]								
3621AS	U-H	800/1400 [378/661]	4.38 [0.41]	14/3		.08 [.020]	.10 [.025]	.13 [.032]	.16 [.040]	.18 [.045]	.21 [.052]	.24 [.060]						
4821AS	U-H	1200/1600 [566/755]	5.83 [0.54]	14/3					.14 [.035]	.17 [.042]	.19 [.047]	.22 [.055]	.25 [.062]	.29 [.072]	.32 [.080]			
4824AS	U-H	1200/1800 [566/850]	5.83 [0.54]	14/3					.11 [.027]	.13 [.032]	.15 [.037]	.17 [.042]	.19 [.047]	.23 [.057]	.25 [.062]	.28 [.070]	.31 [.077]	
4921AS	U-H	1200/1400 [566/661]	5.83 [0.54]	13/4						.23 [.057]	.26 [.065]	.30 [.075]						
4924AS	U-H	100/1600 [477/755]	5.83 [0.54]	13/4						.15 [.037]	.18 [.045]	.21 [.052]	.23 [.057]	.27 [.067]	.30 [.075]			
6024AS	U-H	1500/1900 [708/897]	5.83 [0.54]	14/3							.17 [.042]	.19 [.047]	.22 [.055]	.24 [.060]	.27 [.067]	.29 [.072]	.32 [.080]	
6124AS	U-H	1400/1700 [661/802]	7.29 [0.68]	14/4								.21 [.052]	.23 [.057]	.27 [.067]	.30 [.075]			
HIGH EFFICIENCY COOLING COILS																		
2417BS	U-H	640/800 [302/378]	4.38 [0.41]	14/3	.06 [.015]	.10 [.025]	.14 [.035]	.17 [.042]										
3021BS	U-H	800/1000 [378/472]	5.83 [0.54]	14/3			.08 [.020]	.11 [.027]	.14 [.035]									
3624BS	U-H	960/1275 [453/602]	5.83 [0.54]	14/3					.11 [.027]	.13 [.032]	.15 [.037]	.17 [.042]						

① H = Horizontal airflow, U = Upflow

Coil Application (No Downflow Applications)

Coils can be matched to heating products as listed in table below.

Coil Model RCQC-	Type Air Flow*	Furnace Width (In.) (mm)		Gas Furnace Plenum Adapter Upflow
		Oil	Gas	
2417AS	U-H	Upflow Only	17 1/2 [444]	N/A
	U-H		14 [356]	RXBA-AC
2417BS 3617AS	U-H		17 1/2 [444]	N/A
	U-H		14 [356]	RXBA-AC
3621AS	U	① 21 [533]		N/A
	U-H		21 [533]	N/A
	U-H		17 1/2 [444]	RXBA-AC
3021BS 3121AS 4821AS 4921AS	U-H	① 21 [533]	21 [533]	N/A
	U-H		17 1/2 [444]	RXBA-AC
3124AS 3624BS 4824AS 4924AS	U-H	① 24 1/2 [622]		N/A
	U-H		24 1/2 [622]	N/A
	U-H		21 [533]	RXBA-AC
	U-H			RXBA-AE
6024AS 6124AS	U-H		24 1/2 [622]	N/A

NOTES: *U = Upflow
H = Horizontal

Coil Dimensions and Weights

Coil Model Number	Connections		Dimensions (In.) [mm]—Weight (lbs.) [Kg]				
	Sweat (in.) [mm]		A	B	C	Coil Weight (lbs.) [Kg.]	Shipping Weight (lbs.) [Kg.]
	Liquid	Suction					
	I.D.	I.D.					
RCQC-2417AS	3/8 [9.53]	3/4 [19.05]	17 1/2 [445]	17 3/4 [451]	28 [711]	57 [26]	65 [29]
RCQC-3121AS	3/8 [9.53]	7/8 [22.23]	21 [533]	24 3/4 [629]	28 [711]	74 [34]	83 [38]
RCQC-3124AS	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	24 3/4 [629]	28 [711]	80 [36]	90 [41]
RCQC-3617AS	3/8 [9.53]	3/4 [19.05]	17 1/2 [445]	19 7/8 [505]	28 [711]	59 [27]	67 [30]
RCQC-3621AS	3/8 [9.53]	3/4 [19.05]	21 [533]	19 [483]	28 [711]	65 [29]	74 [34]
RCQC-4821AS	3/8 [9.53]	7/8 [22.23]	21 [533]	24 3/4 [629]	28 [711]	74 [34]	83 [38]
RCQC-4824AS	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	24 3/4 [629]	28 [711]	80 [36]	90 [41]
RCQC-6024AS	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	24 3/4 [629]	28 [711]	80 [36]	90 [41]
RCQC-4921AS	3/8 [9.53]	7/8 [22.23]	21 [533]	24 3/4 [629]	28 [711]	83 [38]	93 [42]
RCQC-4924AS	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	24 3/4 [629]	28 [711]	84 [38]	94 [43]
RCQC-6124AS	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	30 15/16 [786]	34 3/8 [873]	104 [47]	115 [52]
RCQC-2417BS	3/8 [9.53]	3/4 [19.05]	17 1/2 [445]	19 7/8 [505]	28 [711]	57 [26]	67 [30]
RCQC-3021BS	3/8 [9.53]	7/8 [22.23]	21 [533]	24 3/4 [629]	28 [711]	74 [34]	83 [38]
RCQC-3624BS	3/8 [9.53]	7/8 [22.23]	24 1/2 [622]	24 3/4 [629]	28 [711]	80 [36]	90 [41]

[] Designates Metric Conversions

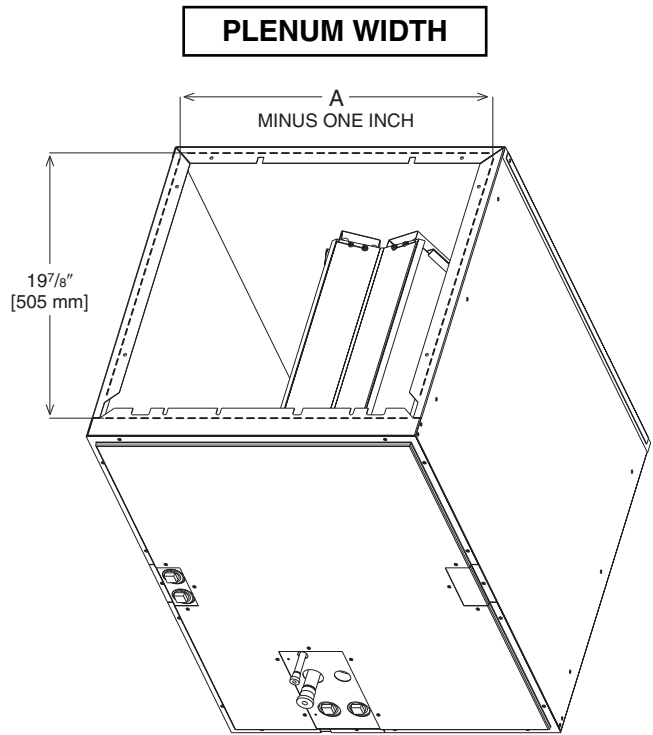
Accessories

PLENUM ADAPTER ACCESSORY RXBA-AC

This plenum adapter accessory is for installation on cased indoor cooling and heat pump coils. This allows a nominal size cased coil to be installed on the next smaller size gas or oil furnace. **NOTE: This accessory is for installation on coil casings to fit gas or oil furnaces only – this accessory must not be used on electric furnaces or heat pump air handlers.** Consult the installation instructions packaged with the accessory for proper installation. The RXBA-AC (upflow) can be ordered factory installed by designation as “with adapters” in the coil model number.

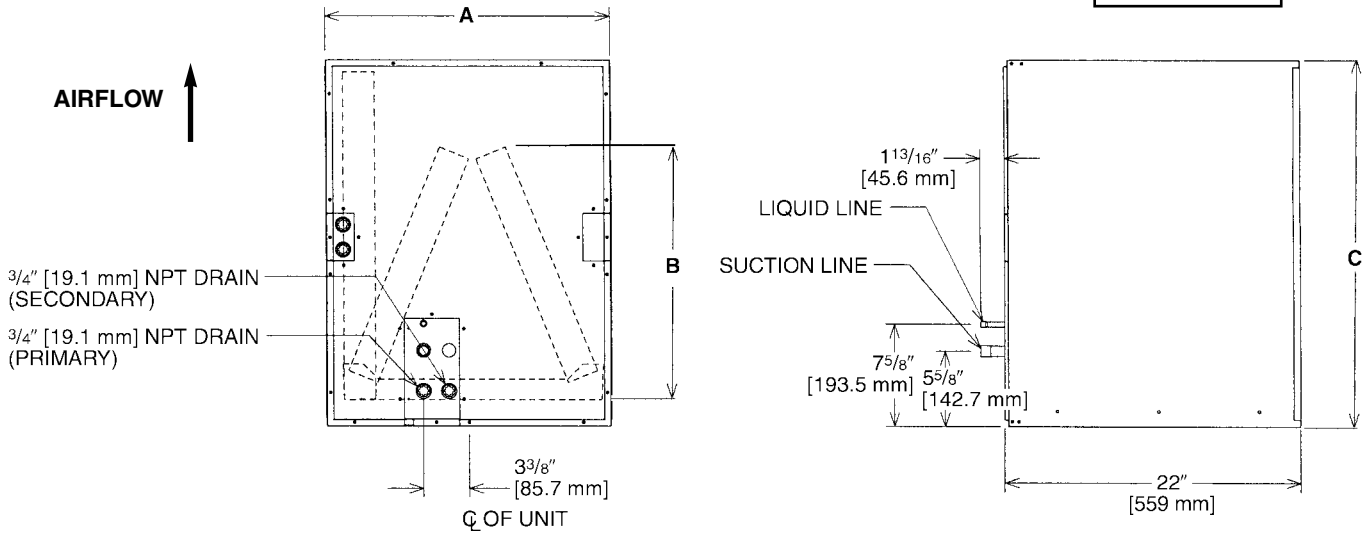
PLENUM ADAPTER ACCESSORY RXBA-AE

This plenum adapter accessory is for use with the 24 $\frac{1}{2}$ " wide cased indoor cooling and heat pump coils. This allows a 24 $\frac{1}{2}$ " wide cased coil to be installed on a 28" wide oil furnace. This is a field installed accessory only.



FRONT VIEW

SIDE VIEW



[] Designates Metric Conversions

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

**RUUD
AIR CONDITIONING
DIVISION**

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"In keeping with its policy of continuous progress and product improvement, Ruud reserves the right to make changes without notice."