

INDOOR COILS

RCFH- featuring
Industry Standard
R-410A Refrigerant *R-410A*



CASED HORIZONTAL COILS FOR GAS AND OIL FURNACES

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

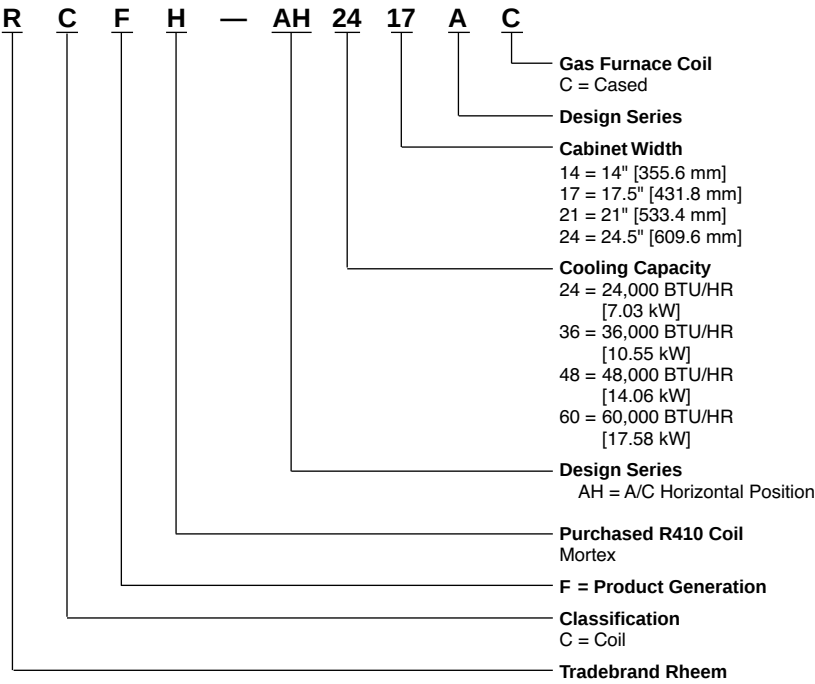


Rheem® Indoor Coils are designed for use with Rheem outdoor units and are available for vertical upflow or downflow, and horizontal left or horizontal right airflow. When matched with Rheem outdoor units, the coils provide a nominal capacity range from 24,000 BTU/HR [7.03 kW] to 60,000 BTU/HR [17.58 kW].

- Constructed of aluminum fins bonded to internally grooved copper tubing.
- Coils are tested at the factory with an extensive refrigerant leak check.
- Coils have sweat refrigerant connections.
- Ideally suited for new installations or add on air conditioning.
- Features 3/4" [14.1 mm] N.P.T. Condensate drain connections for ease of connection.
- Coils are AHRI certified for system application with variety of Rheem outdoor units.
- Condensate drain pan is constructed of high grade, heat resistant, corrosion free thermal-set material.
- Compatible with Germicidal Light System (UV resistant)
- Unique drain pan design maximizes application flexibility and condensate removal.



MODEL NUMBER DATA



Available Models of RCFH Coils
RCFH-AH2414AC
RCFH-AH2417AC
RCFH-AH3617AC
RCFH-AH3621AC
RCFH-AH4821AC
RCFH-AH6021AC
RCFH-AH4824AC
RCFH-AH6024AC

Table 1: Coil Specifications/Airflow Pressure Drop

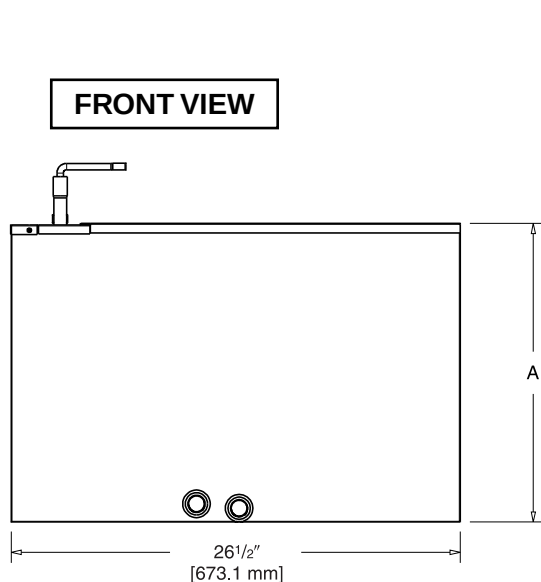
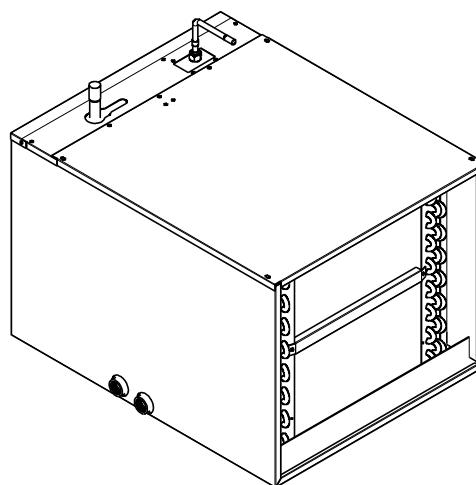
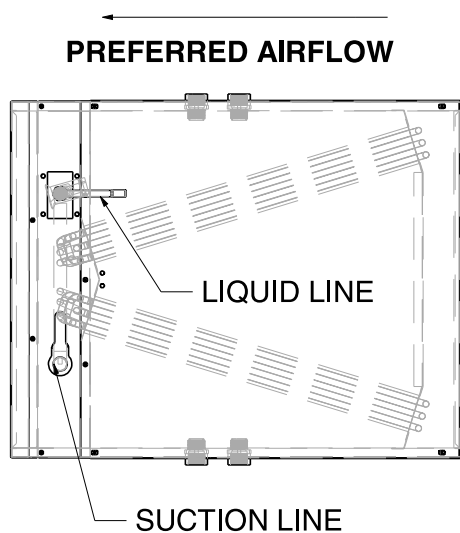
Coil Model	Approx. Design Air Flow CFM [L/s] Range	Face Area Sq. Ft. [m²]	Fins-in. Rows Deep	Static Pressure Drop Through Wet Cooling Coil [kPa] (Inches W.C.) CFM [L/s]													
				600 [283]	700 [330]	800 [378]	900 [425]	1000 [472]	1100 [519]	1200 [566]	1300 [614]	1400 [661]	1500 [708]	1600 [756]	1700 [802]	1800 [850]	1900 [897]
HIGH EFFICIENCY COOLING COILS																	
RCFH-AH2414AC	600/1000 [283/472]	3.75 [0.35]	15/3	0.13 [.032]	0.17 [.043]	0.23 [.058]	0.26 [.066]	0.31 [.078]	0.36 [.091]								
RCFH-AH2417AC	600/1000 [283/472]	4.72 [0.44]	15/3	0.12 [.030]	0.15 [.039]	0.20 [.050]	0.21 [.053]	0.23 [.058]	0.27 [.069]								
RCFH-AH3617AC	900/1400 [424/661]	4.72 [0.44]	15/3			0.20 [.050]	0.21 [.053]	0.23 [.058]	0.27 [.069]	0.31 [.080]	0.35 [.089]						
RCFH-AH3621AC	900/1400 [424/661]	5.69 [0.53]	15/3			0.12 [.030]	0.13 [.032]	0.14 [.035]	0.17 [.043]	0.19 [.049]	0.21 [.053]						
RCFH-AH4821AC	1200/1800 [566/850]	5.69 [0.53]	14/4							0.14 [.035]	0.15 [.038]	0.17 [.043]	0.20 [.050]	0.22 [.056]	0.24 [.060]		
RCFH-AH6021AC	1600/1900 [755/897]	5.69 [0.53]	15/4											0.26 [.066]	0.29 [.073]	0.32 [.081]	0.35 [.089]
RCFH-AH4824AC	1200/1800 [566/850]	6.67 [0.62]	15/3							0.09 [.020]	0.11 [.027]	0.12 [.030]	0.13 [.033]	0.15 [.038]	0.17 [.043]		
RCFH-AH6024AC	1600/1900 [755/897]	6.67 [0.62]	15/4											0.20 [.050]	0.22 [.056]	0.25 [.063]	0.27 [.070]

NOTE: Represents Coil-Only Airflow Ratings

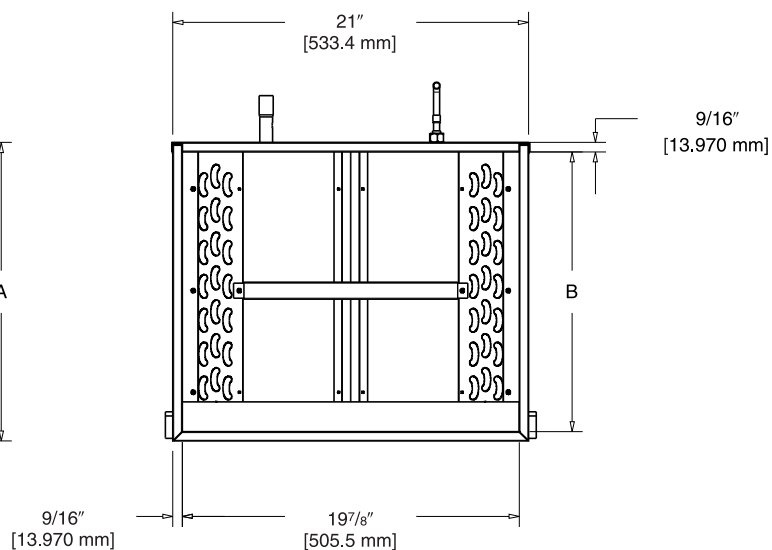
[] Designates Metric Conversions

Table 2: Coil Dimensions and Weights

Dedicated Horizontal Cased “A” Coils							
Rheem Model	Connection Size (in.) [mm]		A	B	Shipping Weight (lbs.) [Kg.]		
	Liquid	Suction					
RCFH-AH2414AC	3/8 [9.5]	3/4 [19.1]	14 [355.6]	12 7/8 [327]	45 [20.4]		
RCFH-AH2417AC			17 1/2 [444.5]	16 3/8 [415.9]	54 [24.4]		
RCFH-AH3617AC		7/8 [22.2]			21 1/2 [533.4]	19 7/8 [504.8]	54 [24.4]
RCFH-AH3621AC			24 1/2 [622.3]	23 3/8 [593.7]			60 [27.2]
RCFH-AH4821AC							68 [30.8]
RCFH-AH6021AC			68 [30.8]				
RCFH-AH4824AC			70 [31.7]				
RCFH-AH6024AC			72 [32.6]				



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.

Rheem Heating,
Cooling and
Water Heating

P.O. Box 17010, Fort Smith, AR 72917



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