



Featuring
Industry Standard
R-410A Refrigerant

R-410A



15 SEER HEAT PUMPS

Features

- Painted louvered steel cabinet.
- Coils constructed with copper tubing and enhanced aluminum fins.
- Expansion Valves with Internal Check Valve—Provides for quieter refrigerant metering.
- Enhanced Demand Defrost Control
- Factory Installed Low Pressure Control
- Non-Cycling Reversing Valve
- Hot Gas Muffler
- Service Valves
- Grille/motor mount for quiet fan operation.
- Easily accessible control box.
- Bi-Directional Filter Drier (Field Installed)



RHP15410A SERIES



(IN CERTAIN
MATCHED SYSTEMS)

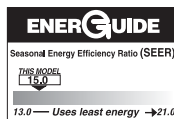


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Model Identification Number

<u>RHP</u>	<u>15</u>	<u>410</u>	<u>A</u>	<u>18</u>	<u>J</u>
<u>Model</u>	<u>SEER</u>	<u>Refrigerant</u>	<u>Design Series</u>	<u>Nominal Cooling Capacity</u>	<u>Voltage</u>
RHP = Remote Heat Pump	SEER = 15 SEER	410 = R-410A 022 = R-22	A = 1st Design	18 = 18,000 BTU/HR [5.28 kW] 24 = 24,000 BTU/HR [7.03 kW] 30 = 30,000 BTU/HR [8.79 kW] 36 = 36,000 BTU/HR [10.55 kW] 42 = 42,000 BTU/HR [12.31 kW] 48 = 48,000 BTU/HR [14.07 kW] 60 = 60,000 BTU/HR [17.58 kW]	J = 208-230 Single Phase

Accessories

- Low Ambient Control (RXAD-A08)
- Crankcase Heater
- Heat Pump Monitor (RXPM-B01)
- Hard Start Components
- Heat Pump Thermostat Warning Light Kit
- Blower Time Delay Control (RXMD-C04).
- Fossil Fuel Kits—RXPF-01
RXPF-02

Scroll® Compressor

The scroll compressor is the key to efficiency for this *Sure Comfort™* model. It's the latest in high-efficiency compressor technology. The advanced scroll compressor offers low noise and vibration characteristics and features tolerance to liquid refrigerant and system contamination. The scroll compressor also has low start torque, eliminating start problems in the field. And its unique design enables the 15PJL heat pumps to perform efficiently, quietly and dependably.

[] Designates Metric Conversions



Performance Data AHRI Standard Conditions—RHP15410A

Model Numbers		AHRI Cooling Performance							AHRI Heating Performance (70°F [21°C] Indoor)				
		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air							Outdoor Air 47°F [8.5°C] DB/ 43°F [6°C] WB DOE High Temp.		Outdoor Air 17°F [-8.5°C] DB/ 15°F [-9.5°C] WB DOE Low Temp.		DOE Region IV HSPF
Outdoor Unit RHP	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sens. BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER	Snd. Rate dB	Indoor CFM [L/s]	BTU/H [kW]	COP	BTU/H [kW]	COP	
Rev. 7/13/12 15410A18J	AH410X13A1724JM (RCSL-H*2417) ①	18,500 [5.4]	13,400 [3.9]	5,100 [1.5]	12.50	15.00	76	600 [283]	17,700 [5.2]	3.68	10,800 [3.2]	2.38	8.50
	RCFL-H*2414	18,200 [5.3]	13,100 [3.8]	5,100 [1.5]	11.50	13.50	76	600 [283]	18,200 [5.3]	3.42	11,300 [3.3]	2.24	7.70
	RCFL-H*2417	18,200 [5.3]	13,100 [3.8]	5,100 [1.5]	11.00	13.50	76	600 [283]	18,200 [5.3]	3.42	11,300 [3.3]	2.24	7.70
	RCFL-H*2417 (GF902U045CS36)	18,400 [5.4]	13,350 [3.9]	5,050 [1.5]	12.50	15.00	76	575 [271]	17,800 [5.2]	3.66	10,900 [3.2]	2.36	8.20
	RCFL-H*2417 (GF902U060CS36)	18,400 [5.4]	13,300 [3.9]	5,100 [1.5]	12.50	15.00	76	600 [283]	17,700 [5.2]	3.66	10,800 [3.2]	2.36	8.20
	RCFL-H*2417 (GF902U075CS36)	18,300 [5.4]	13,250 [3.9]	5,050 [1.5]	12.50	15.00	76	625 [295]	17,800 [5.2]	3.62	10,900 [3.2]	2.34	8.20
	RCFL-H*2417 (GF952D060CS36)	18,500 [5.4]	13,400 [3.9]	5,100 [1.5]	12.50	15.00	76	575 [271]	17,700 [5.2]	3.70	10,800 [3.2]	2.38	8.20
	AH410PSCA1718JM (RCSL-H*2417)	18,100 [5.3]	13,100 [3.8]	5,000 [1.5]	11.50	14.00	76	600 [283]	18,100 [5.3]	3.48	11,200 [3.3]	2.26	8.00
15410A24J	AH410X13A1724JM (RCSL-H*2417) ①	23,600 [6.9]	16,800 [4.9]	6,800 [2.0]	12.50	15.00	74	775 [366]	21,600 [6.3]	3.58	12,400 [3.6]	2.22	8.50
	RCFL-A*2414	23,200 [6.8]	16,400 [4.8]	6,800 [2.0]	11.00	13.50	74	775 [366]	22,200 [6.5]	3.34	13,000 [3.8]	2.06	7.70
	RCFL-H*2417	23,200 [6.8]	16,400 [4.8]	6,800 [2.0]	11.00	13.50	74	775 [366]	22,200 [6.5]	3.34	13,000 [3.8]	2.06	7.70
	RCFL-H*2417 (GF902U045CS36)	23,400 [6.9]	16,650 [4.9]	6,750 [2.0]	12.00	14.50	74	750 [354]	21,600 [6.3]	3.52	12,500 [3.7]	2.14	8.20
	RCFL-H*2417 (GF902U060CS36)	23,400 [6.9]	16,650 [4.9]	6,750 [2.0]	12.00	14.50	74	775 [366]	21,600 [6.3]	3.52	12,500 [3.7]	2.14	8.20
	RCFL-H*2417 (GF902U075CS36)	23,200 [6.8]	16,500 [4.8]	6,700 [2.0]	11.50	14.00	74	800 [378]	21,800 [6.4]	3.46	12,600 [3.7]	2.12	8.20
	RCFL-H*2417 (GF952D060CS36)	23,400 [6.9]	16,650 [4.9]	6,750 [2.0]	12.50	15.00	74	750 [354]	21,600 [6.3]	3.56	12,400 [3.6]	2.16	8.50
	AH410PSCA1724JM (RCSL-H*2417)	23,000 [6.7]	16,350 [4.8]	6,650 [1.9]	11.00	13.50	74	800 [378]	22,000 [6.4]	3.36	12,900 [3.8]	2.08	7.70
15410A30J	AH410X13A1736JM (RCSL-H*3617) ①	28,800 [8.4]	21,250 [6.2]	7,550 [2.2]	12.50	15.00	73	950 [448]	27,200 [8.0]	3.62	16,300 [4.8]	2.30	8.50
	RCFL-H*3617	28,600 [8.4]	21,050 [6.2]	7,550 [2.2]	11.50	13.50	73	950 [448]	27,800 [8.1]	3.42	16,900 [5.0]	2.20	7.70
	RCFL-H*3617 (GF902U045CS36)	28,800 [8.4]	21,600 [6.3]	7,200 [2.1]	11.50	13.50	73	1,025 [484]	27,600 [8.1]	3.46	16,800 [4.9]	2.22	7.70
	RCFL-H*3617 (GF902U060CS36)	28,800 [8.4]	21,500 [6.3]	7,300 [2.1]	11.50	14.00	73	1,000 [472]	27,600 [8.1]	3.48	16,700 [4.9]	2.24	8.20
	RCFL-H*3617 (GF902U075CS36)	28,400 [8.3]	20,950 [6.1]	7,450 [2.2]	11.50	13.50	73	950 [448]	27,600 [8.1]	3.48	16,700 [4.9]	2.24	7.70
	RCFL-H*3617 (GF952D060CS36)	28,600 [8.4]	20,850 [6.1]	7,750 [2.3]	12.00	14.50	73	900 [425]	27,200 [8.0]	3.60	16,300 [4.8]	2.30	8.20
	RCFL-H*3621	28,600 [8.4]	21,050 [6.2]	7,550 [2.2]	11.50	13.50	73	950 [448]	27,800 [8.1]	3.42	16,900 [5.0]	2.20	7.70
	RCFL-H*3621 (GF902U045CS36)	28,800 [8.4]	21,600 [6.3]	7,200 [2.1]	11.50	13.50	73	1,025 [484]	27,600 [8.1]	3.46	16,700 [4.9]	2.22	8.20
	RCFL-H*3621 (GF902U060CS36)	28,800 [8.4]	21,500 [6.3]	7,300 [2.1]	11.50	14.00	73	1,000 [472]	27,600 [8.1]	3.50	16,600 [4.9]	2.24	8.20
	RCFL-H*3621 (GF902U075CS36)	28,400 [8.3]	20,950 [6.1]	7,450 [2.2]	11.50	14.00	73	950 [448]	27,600 [8.1]	3.48	16,700 [4.9]	2.24	8.20
	RCFL-H*3621 (GF902U075CW48)	28,400 [8.3]	20,950 [6.1]	7,450 [2.2]	11.50	13.50	73	975 [460]	27,600 [8.1]	3.48	16,700 [4.9]	2.24	7.70

① Highest sales volume tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Performance Data AHRI Standard Conditions—RHP15410A (cont.)

Model Numbers		AHRI Cooling Performance							AHRI Heating Performance (70°F [21°C] Indoor)				
		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air							Outdoor Air 47°F [8.5°C] DB/ 43°F [6°C] WB DOE High Temp.		Outdoor Air 17°F [-8.5°C] DB/ 15°F [-9.5°C] WB DOE Low Temp.		DOE Region IV HSPF
		Total Capacity BTU/H [kW]	Net Sens. BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER	Snd. Rate dB	Indoor CFM [L/s]	BTU/H [kW]	COP	BTU/H [kW]	COP	
Rev. 7/13/12 15410A30J	RCFL-H*3621 (GF902U090CS60)	28,800 [8.4]	21,250 [6.2]	7,550 [2.2]	12.00	14.50	73	950 [448]	27,200 [8.0]	3.58	16,400 [4.8]	2.28	8.20
	RCFL-H*3621 (GF902U105CS60)	29,000 [8.5]	21,750 [6.4]	7,250 [2.1]	11.50	14.00	73	1,025 [484]	27,400 [8.0]	3.54	16,500 [4.8]	2.26	8.20
	RCFL-H*3621 (GF952D060CS36)	28,600 [8.4]	20,850 [6.1]	7,750 [2.3]	12.00	14.50	73	900 [425]	27,200 [8.0]	3.62	16,300 [4.8]	2.30	8.20
	RCFL-H*3621 (GF952D075CW48)	28,800 [8.4]	21,250 [6.2]	7,550 [2.2]	12.50	15.00	73	950 [448]	27,200 [8.0]	3.62	16,300 [4.8]	2.30	8.50
	RCFL-H*3621 (GF952D090CS60)	28,800 [8.4]	21,250 [6.2]	7,550 [2.2]	12.00	14.50	73	975 [460]	27,200 [8.0]	3.62	16,300 [4.8]	2.30	8.20
	AH410PSCA1730JM (RCSL-H*3617)	28,400 [8.3]	20,950 [6.1]	7,450 [2.2]	11.50	13.50	73	950 [448]	27,600 [8.1]	3.46	16,800 [4.9]	2.22	7.70
15410A36J	AH410X13A1736JM (RCSL-H*3617) ①	35,400 [10.4]	25,350 [7.4]	10,050 [2.9]	12.50	15.00	75	1,100 [519]	34,600 [10.1]	3.68	22,200 [6.5]	2.56	8.50
	RCFL-H*3617	35,200 [10.3]	25,150 [7.4]	10,050 [2.9]	11.50	14.00	75	1,075 [507]	35,200 [10.3]	3.54	22,800 [6.7]	2.46	8.20
	RCFL-H*3617 (GF952D060CS36)	35,400 [10.4]	25,350 [7.4]	10,050 [2.9]	12.00	14.50	75	1,075 [507]	34,800 [10.2]	3.66	22,400 [6.6]	2.52	8.20
	RCFL-H*3621	35,200 [10.3]	25,150 [7.4]	10,050 [2.9]	11.50	14.00	75	1,075 [507]	35,200 [10.3]	3.54	22,800 [6.7]	2.46	8.20
	RCFL-H*3621 (GF902U090CS60)	36,000 [10.5]	26,700 [7.8]	9,300 [2.7]	11.50	14.00	75	1,225 [578]	35,000 [10.3]	3.58	22,600 [6.6]	2.48	8.20
	RCFL-H*3621 (GF902U105CS60)	35,600 [10.4]	25,950 [7.6]	9,650 [2.8]	11.50	14.00	75	1,150 [543]	34,800 [10.2]	3.60	22,400 [6.6]	2.50	8.20
	RCFL-H*3621 (GF952D060CS36)	35,400 [10.4]	25,350 [7.4]	10,050 [2.9]	12.00	14.50	75	1,075 [507]	34,600 [10.1]	3.66	22,200 [6.5]	2.52	8.20
	RCFL-H*3621 (GF952D075CW48)	35,800 [10.5]	25,950 [7.6]	9,850 [2.9]	12.50	15.00	75	1,125 [531]	34,600 [10.1]	3.68	22,200 [6.5]	2.54	8.50
	RCFL-H*3621 (GF952D090CS60)	35,400 [10.4]	25,350 [7.4]	10,050 [2.9]	12.50	15.00	75	1,100 [519]	34,600 [10.1]	3.70	22,200 [6.5]	2.56	8.50
	AH410PSCA1736JM (RCSL-H*3617)	35,000 [10.3]	25,050 [7.3]	9,950 [2.9]	11.50	13.50	75	1,100 [519]	35,200 [10.3]	3.52	22,800 [6.7]	2.44	7.70
15410A42J	AH410X13A2148JM (RCSL-H*4821) ①	40,000 [11.7]	28,650 [8.4]	11,350 [3.3]	12.50	15.00	77	1,350 [637]	37,400 [11.0]	3.72	24,200 [7.1]	2.60	8.50
	RCFL-H*4821	39,500 [11.6]	28,150 [8.2]	11,350 [3.3]	11.50	13.50	77	1,350 [637]	38,000 [11.1]	3.50	25,000 [7.3]	2.46	7.70
	RCFL-H*4821 (GF952D075CW48)	39,500 [11.6]	28,300 [8.3]	11,200 [3.3]	12.00	14.50	77	1,325 [625]	37,600 [11.0]	3.64	24,400 [7.1]	2.56	8.20
	RCFL-H*4821 (GF952D090CS60)	39,500 [11.6]	28,600 [8.4]	10,900 [3.2]	11.50	14.00	77	1,400 [661]	38,000 [11.1]	3.58	24,800 [7.3]	2.52	8.20
	RCFL-H*4824	39,500 [11.6]	28,150 [8.2]	11,350 [3.3]	11.50	13.50	77	1,350 [637]	38,000 [11.1]	3.50	25,000 [7.3]	2.46	7.70
	RCFL-H*4824 (GF902U120CS60)	39,500 [11.6]	28,750 [8.4]	10,750 [3.1]	11.50	14.00	77	1,425 [672]	38,000 [11.1]	3.56	24,800 [7.3]	2.50	8.20
	RCFL-H*4824 (GF952D075CW48)	39,500 [11.6]	28,300 [8.3]	11,200 [3.3]	12.00	14.50	77	1,325 [625]	37,600 [11.0]	3.64	24,400 [7.1]	2.56	8.20
	RCFL-H*4824 (GF952D090CS60)	39,500 [11.6]	28,650 [8.4]	10,850 [3.2]	11.50	14.00	77	1,400 [661]	38,000 [11.1]	3.58	24,800 [7.3]	2.50	8.20
	RCFL-H*4824 (GF952D105CW60)	39,000 [11.4]	27,400 [8.0]	11,600 [3.4]	12.00	14.50	77	1,275 [602]	37,600 [11.0]	3.68	24,400 [7.1]	2.58	8.20
	AH410PSCA2142JM (RCSL-H*4821)	39,000 [11.4]	27,950 [8.2]	11,050 [3.2]	11.50	13.50	77	1,350 [637]	38,500 [11.3]	3.48	25,200 [7.4]	2.46	7.70

① Highest sales volume tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Performance Data AHRI Standard Conditions—RHP15410A

Model Numbers		AHRI Cooling Performance							AHRI Heating Performance (70°F [21°C] Indoor)				
		80°F [26.5°C] DB/67°F [19.5°C] WB Indoor Air 95°F [35°C] DB Outdoor Air							Outdoor Air 47°F [8.5°C] DB/ 43°F [6°C] WB DOE High Temp.		Outdoor Air 17°F [-8.5°C] DB/ 15°F [-9.5°C] WB DOE Low Temp.		DOE Region IV HSPF
Outdoor Unit RHP	Indoor Coil and/or Air Handler	Total Capacity BTU/H [kW]	Net Sens. BTU/H [kW]	Net Latent BTU/H [kW]	EER	SEER	Snd. Rate dB	Indoor CFM [L/s]	BTU/H [kW]	COP	BTU/H [kW]	COP	
Rev. 7/13/12 15410A48J	AH410X13A2460JM (RCSL-H*6024) ①	46,500 [13.6]	35,350 [10.4]	11,150 [3.3]	12.50	15.00	77	1,575 [743]	41,500 [12.2]	3.84	25,000 [7.3]	2.48	8.50
	RCFL-H*6024	46,000 [13.5]	34,850 [10.2]	11,150 [3.3]	11.50	14.00	77	1,575 [743]	42,500 [12.5]	3.64	25,800 [7.6]	2.38	8.20
	RCFL-H*6024 (GF902U120CS60)	46,000 [13.5]	34,950 [10.2]	11,050 [3.2]	11.50	14.00	77	1,550 [731]	42,000 [12.3]	3.68	25,600 [7.5]	2.42	8.20
	RCFL-H*6024 (GF952D075CW48)	45,500 [13.3]	33,750 [9.9]	11,750 [3.4]	11.50	14.00	77	1,475 [696]	42,000 [12.3]	3.74	25,400 [7.4]	2.46	8.20
	RCFL-H*6024 (GF952D090CS60)	46,000 [13.5]	34,950 [10.2]	11,050 [3.2]	11.50	14.00	77	1,550 [731]	42,000 [12.3]	3.68	25,600 [7.5]	2.42	8.20
	RCFL-H*6024 (GF952D105CW60)	46,000 [13.5]	35,300 [10.3]	10,700 [3.1]	11.50	14.00	77	1,625 [767]	42,000 [12.3]	3.68	25,600 [7.5]	2.42	8.20
	AH410PSCA2460JM (RCSL-H*6024)	46,000 [13.5]	36,300 [10.6]	9,700 [2.8]	11.00	13.00	77	1,625 [767]	43,000 [12.6]	3.46	26,600 [7.8]	2.30	7.70
15410A060J	AH410X13A2460JM (RCSL-H*6024) ①	52,000 [15.2]	37,300 [10.9]	14,700 [4.3]	12.50	15.00	77	1,575 [743]	50,500 [14.8]	3.84	31,400 [9.2]	2.62	8.50
	RCFL-H*6024	51,500 [15.1]	36,800 [10.8]	14,700 [4.3]	12.00	14.50	77	1,575 [743]	51,500 [15.1]	3.70	32,200 [9.4]	2.52	8.20
	RCFL-H*6024 (GF952D075CW48)	51,000 [14.9]	35,700 [10.5]	15,300 [4.5]	12.00	14.50	77	1,475 [696]	51,000 [14.9]	3.80	31,800 [9.3]	2.58	8.20
	RCFL-H*6024 (GF952D090CS60)	51,500 [15.1]	36,950 [10.8]	14,550 [4.3]	12.00	14.50	77	1,550 [731]	51,000 [14.9]	3.74	32,000 [9.4]	2.54	8.20

① Highest sales volume tested combination required by D.O.E. test procedures.

[] Designates Metric Conversions

Electrical and Physical Data

Model Number RHP	ELECTRICAL							PHYSICAL						
	Phase Frequency (Hz) Voltage (Volts)	Compressor		Fan Motor Full Load Amperes (FLA)	Minimum Circuit Ampacity Amperes	Fuse or HACR Circuit Breaker		Outdoor Coil			Refrig. Per Circuit Oz. [g]	Weight		
		Rated Load Amperes (RLA)	Locked Rotor Amperes (LRA)			Minimum Amperes	Maximum Amperes	Face Area Sq. Ft. [m²]	No. Rows	CFM [L/s]		Net Lbs. [kg]	Shipping Lbs. [kg]	
Rev. 7/13/12														
15410A18J	1-60-208/230	9/9	48	0.8	13/13	15/15	20/20	13.72 [1.27]	1	2590 [1222]	95.6 [2710]	154 [69.9]	164 [69.9]	
15410A24J	1-60-208/230	13.5/13.5	58.3	0.8	18/18	25/25	30/30	13.72 [1.27]	1	2590 [1222]	94.2 [2671]	155 [70.3]	165 [70.3]	
15410A30J	1-60-208/230	12.8/12.8	64	1	18/18	25/25	25/25	16.39 [1.52]	1	2595 [1225]	114.5 [3246]	169 [76.7]	181 [76.7]	
15410A36J	1-60-208/230	16.7/16.7	79	1.4	23/23	30/30	35/35	21.85 [2.03]	1	3000 [1416]	138 [3912]	193 [87.5]	207 [87.5]	
15410A42J	1-60-208/230	17.9/17.9	112	1.9	25/25	30/30	40/40	21.85 [2.03]	1	3575 [1687]	146.5 [4153]	210 [95.3]	224 [95.3]	
15410A48J	1-60-208/230	19.9/19.9	109	1	26/26	35/35	45/45	21.85 [2.03]	1	3575 [1687]	229.2 [6498]	210 [95.3]	224 [95.3]	
15410A060J	1-60-208/230	21.4/21.4	135	2.8	30/30	35/35	50/50	21.85 [2.03]	2	3925 [1852]	279 [7910]	264 [119.8]	278 [119.8]	

NOTE: Factory Refrigerant Charge includes refrigerant for 15 feet of standard line set.

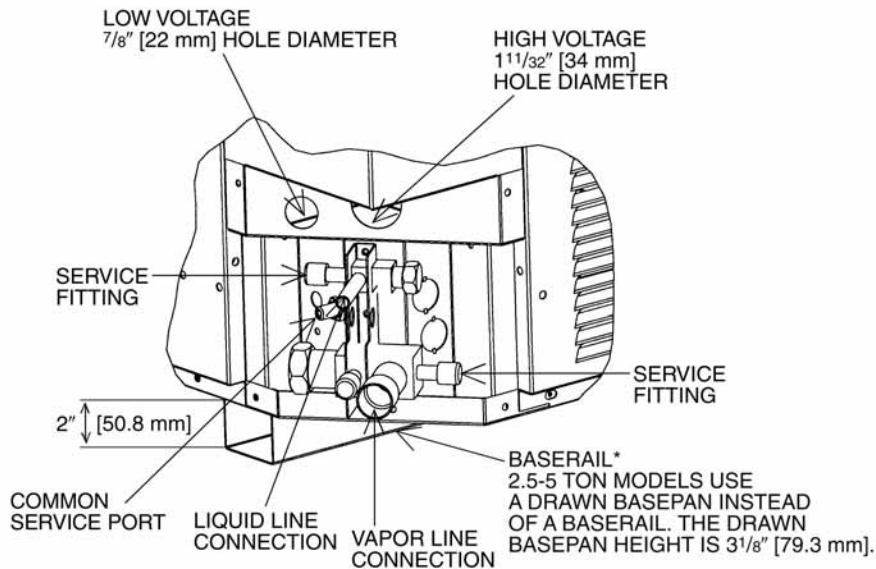
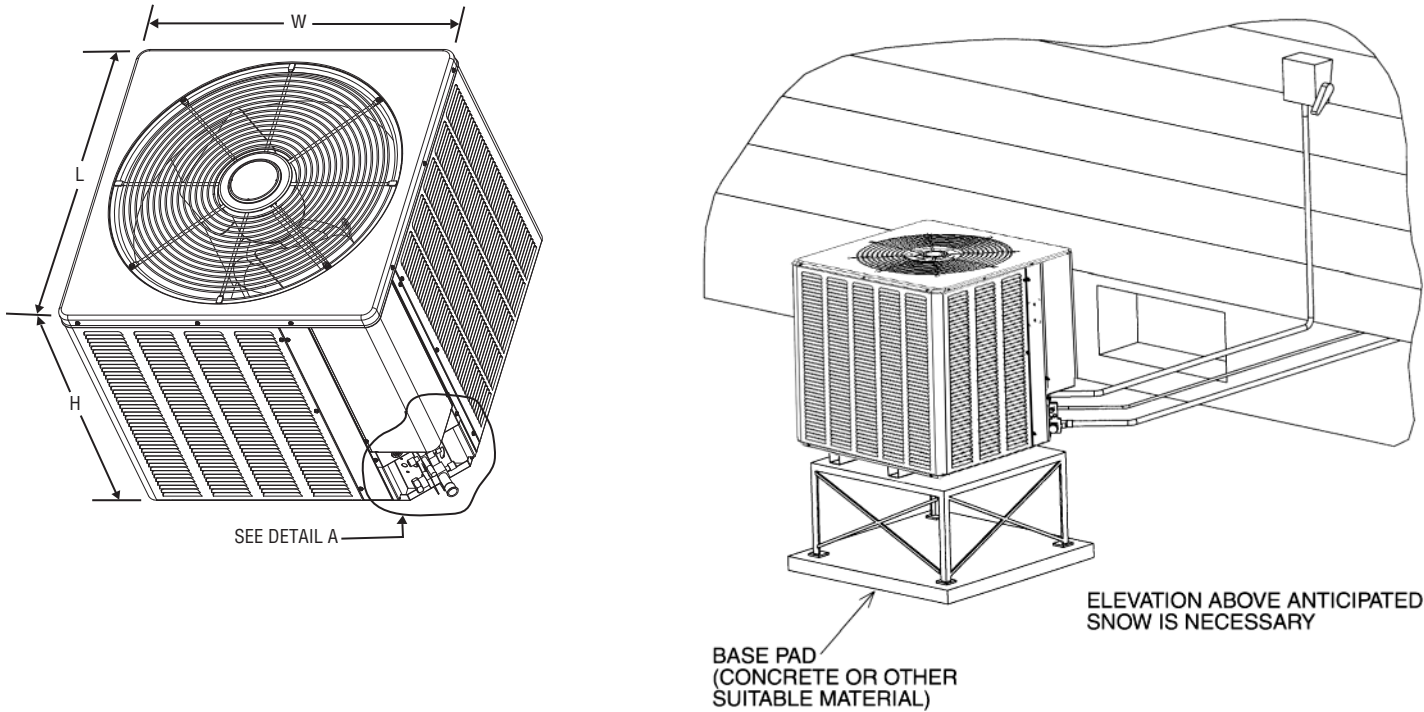
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Unit Dimensions

15 SEER Cooling Capacity	18, 24	30	36, 42, 48, 60
Height "H" (In.) [mm]*	26 ¹ / ₄ [666.7]	27 ³ / ₈ [695.3]	35 ³ / ₈ [898.5]
Length "L" (In.) [mm]	27 ⁵ / ₈ [701.6]	31 ⁵ / ₈ [803.2]	31 ⁵ / ₈ [803.2]
Width "W" (In.) [mm]	27 ⁵ / ₈ [701.6]	31 ⁵ / ₈ [803.2]	31 ⁵ / ₈ [803.2]

*Height dimension includes baserails and/or basepans.

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DETAIL A

Heat Pump Refrigerant Line Size Information

R-410A System Capacity Model	Line Connection Size (Inch I.D.) [mm]	Line Size (Inch O.D.) [mm]	Liquid Line Size Outdoor Unit Above or Below Indoor Coil (Heat Pump Only)					
			Total Equivalent Length—Feet [m]					
			25 [7.62]	50 [15.24]	75 [22.86]	100 [30.48]	125 [38.10]	150 [45.72]
			Maximum Vertical Separation—Feet [m]					
1 1/2 Ton	3/8" [9.53]	1/4" [6.35]*	25 [7.62]	16 [4.88]	N/A	N/A	N/A	N/A
		5/16" [7.93]	25 [7.62]	40 [12.19]	36 [10.97]	32 [9.75]	28 [8.53]	23 [7.01]
		3/8" [9.52]*	25 [7.62]	45 [13.72]	44 [13.41]	42 [12.80]	41 [12.50]	39 [11.89]
2 Ton	3/8" [9.53]	1/4" [6.35]*	25 [7.62]	22 [6.71]	N/A	N/A	N/A	N/A
		5/16" [7.93]	25 [7.62]	50 [15.24]	52 [15.85]	46 [14.02]	40 [12.19]	33 [10.06]
		3/8" [9.52]*	25 [7.62]	50 [15.24]	64 [19.51]	62 [18.90]	60 [18.29]	58 [17.68]
2 1/2 Ton	3/8" [9.53]	1/4" [6.35]*	14 [4.27]	N/A	N/A	N/A	N/A	N/A
		5/16" [7.93]	25 [7.62]	32 [9.75]	23 [7.01]	14 [4.27]	N/A	N/A
		3/8" [9.52]*	25 [7.62]	44 [13.41]	41 [12.50]	38 [11.58]	35 [10.67]	32 [9.75]
3 Ton	3/8" [9.53]	5/16" [7.93]	25 [7.62]	50 [15.24]	43 [13.11]	30 [9.14]	16 [4.88]	N/A
		3/8" [9.52]*	25 [7.62]	50 [15.24]	69 [21.03]	65 [19.81]	60 [18.29]	55 [16.76]
		1/2" [12.70]	25 [7.62]	50 [15.24]	75 [22.86]	79 [24.08]	78 [23.77]	78 [23.77]
3 1/2 Ton	3/8" [9.53]	5/16" [7.93]	25 [7.62]	37 [11.28]	19 [5.79]	N/A	N/A	N/A
		3/8" [9.52]*	25 [7.62]	50 [15.24]	53 [16.15]	47 [14.33]	41 [12.50]	36 [10.97]
		1/2" [12.70]	25 [7.62]	50 [15.24]	68 [20.73]	66 [20.12]	65 [19.81]	64 [19.51]
4 Ton	3/8" [9.53]	5/16" [7.93]	22 [6.71]	N/A	N/A	N/A	N/A	N/A
		3/8" [9.52]*	25 [7.62]	30 [9.14]	22 [6.71]	13 [3.96]	N/A	N/A
		1/2" [12.70]	25 [7.62]	44 [13.41]	43 [13.11]	41 [12.50]	39 [11.89]	37 [11.28]
5 Ton	3/8" [9.53]	3/8" [9.52]*	25 [7.62]	33 [10.06]	24 [7.32]	14 [4.27]	N/A	N/A
		1/2" [12.70]	25 [7.62]	49 [14.94]	47 [14.33]	45 [13.72]	43 [13.11]	41 [12.50]

NOTES: *Standard line size
N/A = Application not recommended.

Suction Line Length/Size versus Capacity Multiplier (R-410A)								
Unit Size	1 1/2 Ton	2 Ton	2 1/2 Ton	3 Ton	3 1/2 Ton	4 Ton	5 Ton	
Suction Line Connection Size	3/4" [19.05] I.D.				7/8" [22.23] I.D.			
Suction Line Run— Feet [m]	5/8" [15.88 mm] O.D. Opt. 3/4" [19.05 mm] O.D. Std.*	5/8" [15.88 mm] O.D. Opt. 3/4" [19.05 mm] O.D. Std.* 7/8" [22.23 mm] O.D. Opt.	5/8" [15.88 mm] O.D. Opt. 3/4" [19.05 mm] O.D. Std.* 7/8" [22.23 mm] O.D. Opt.	3/4" [19.05 mm] O.D. Std.* 7/8" [22.23 mm] O.D. Opt.	7/8" [22.23 mm] O.D. Std.* 3/4" [19.05 mm] O.D. Opt.	7/8" [22.23 mm] O.D. Std.* 1 1/8" [28.58 mm] O.D. Opt.	7/8" [22.23 mm] O.D. Std.* 1 1/8" [28.58 mm] O.D. Opt.	
25' [7.62]	Optional Standard Optional	1.00 1.00 —	1.00 1.00 —	1.00 1.00 1.00	1.00 1.00 —	1.00 1.00 —	1.00 1.00 —	1.00 1.00 —
50' [15.24]	Optional Standard Optional	0.98 0.99 —	0.98 0.99 —	0.96 0.98 0.99	0.98 0.99 —	0.99 0.99 —	0.99 0.99 —	0.99 0.99 —
100' [30.48]	Optional Standard Optional	0.95 0.96 —	0.95 0.96 —	0.94 0.96 0.97	0.96 0.97 —	0.96 0.98 —	0.96 0.98 —	0.97 0.98 —
150' [45.72]	Optional Standard Optional	0.92 0.93 —	0.92 0.94 —	0.91 0.93 0.95	0.94 0.95 —	0.94 0.96 —	0.95 0.96 —	0.94 0.97 —

NOTES: *Standard line size
N/A = Using suction line larger than shown in chart will result in poor oil return and is not recommended.

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GENERAL TERMS OF LIMITED WARRANTY*

Sure Comfort™ will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty.

***For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.**

Parts.....Five (5) Years

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.

Sure Comfort™

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



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