Kessler Ridge Condensing Units - Apartments/Townhomes

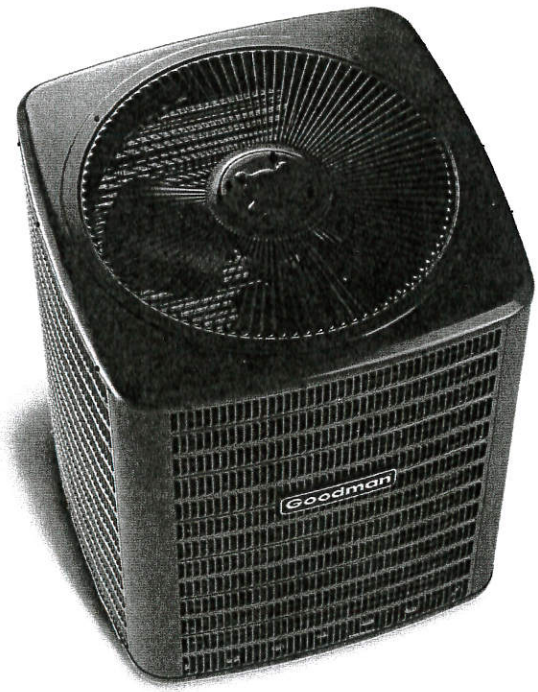
Goodman
Air Conditioning & Heating

GSX13

Cooling Capacity: 18,000 - 60,000 BTU/h

Energy-Efficient Split System Air Conditioner 13 SEER / 1½ to 5 Tons

Contents



Standard Features

- Energy-efficient compressor
- Factory-installed filter drier
- Copper tube/aluminum fin coil
- Service valves with sweat connections and easy-access gauge ports
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with louvered sound control top
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Steel louver coil guard
- Single-panel access to controls with space provided for field-installed accessories

10 YEAR PARTS LIMITED WARRANTY*

Intertek

AHRI CERTIFIED

COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 =

COMPANY WITH ENVIRONMENTAL SYSTEM CERTIFIED BY DNV GL = ISO 14001 =

BBB ACCREDITED BUSINESS

* Complete warranty details available from your local dealer or at www.amana-hac.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

	GSX13 0181E*	GSX13 0181EH	GSX13 0181EJ	GSX13 0241E*	GSX13 0301B*	GSX13 0301L*	GSX13 0361E*	GSX13 0421B*	GSX13 0481B*	GSX13 0601B*	GSX13 0611A*
CAPACITIES											
Nominal Cooling (BTU/h)	18,000	18,000	18,000	23,000	30,000	30,000	36,000	42,000	48,000	60,000	60,000
SEER / EER	13/11	13/11	13/11	13/11	13/11	13 / 11	13/11	13/11	13/11	13/11	13/11
Decibels	75	75	75	75	73	74	74	75	76	77	72
COMPRESSOR											
RLA	6.7	6.7	6.0	7.7	12.8	10.5	14.1	17.9	19.9	25.0	26.4
LRA	41	37.5	37.5	37	64	47	77	112	109	134	134
CONDENSER FAN MOTOR											
Horsepower	1/8	1/8	1/8	1/8	1/8	1/8	1/4	1/4	1/4	1/4	1/4
FLA	0.7	0.65	0.65	0.65	0.65	0.7	1.2	1.2	1.2	1.2	1.3
REFRIGERATION SYSTEM											
Refrigerant Line Size [1]											
Liquid Line Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Line Size ("O.D.)	¾"	¾"	¾"	¾"	¾"	¾"	⅞"	1⅛"	1⅛"	1⅛"	⅞"
Refrigerant Connection Size											
Liquid Valve Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Valve Size ("O.D.) [4 5]	¾"	¾"	¾"	¾"	¾"	¾"	¾" [4]	⅞" [5]	⅞" [5]	⅞" [5]	¾"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	44	58	58	60	60	68	62	80	91	94	111
Shipped with Orifice Size	0.051	0.051	0.051	0.055	0.061	0.067	0.070	0.076	0.080	0.086	0.086
ELECTRICAL DATA											
Voltage (60 Hz)	208/230	208/230-60	208/230-60	208/230	208/230	208/230-60	208/230	208/230	208/230	208/230	208/230
Minimum Circuit Ampacity [2]	9.1	9.1	8.2	10.3	16.7	13.8	18.8	23.6	26.1	32.5	34.3
Max. Overcurrent Protection [3]	15 amps	15 amps	15 amps	15 amps	25 amps	20	30 amps	40 amps	45 amps	50 amps	60 amps
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
EQUIPMENT WEIGHT (LBS)	102	102	102	103	115	138	118	171	175	184	211
SHIP WEIGHT (LBS)	117	117	117	120	132	153	135	189	193	202	233

[1] Line sizes denoted for 25' line sets, tested and rated in accordance with AHRI Standard 210/240. For other line-set lengths or sizes, refer to the installation & Operating instructions and/or the long line-set guidelines.

[2] Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

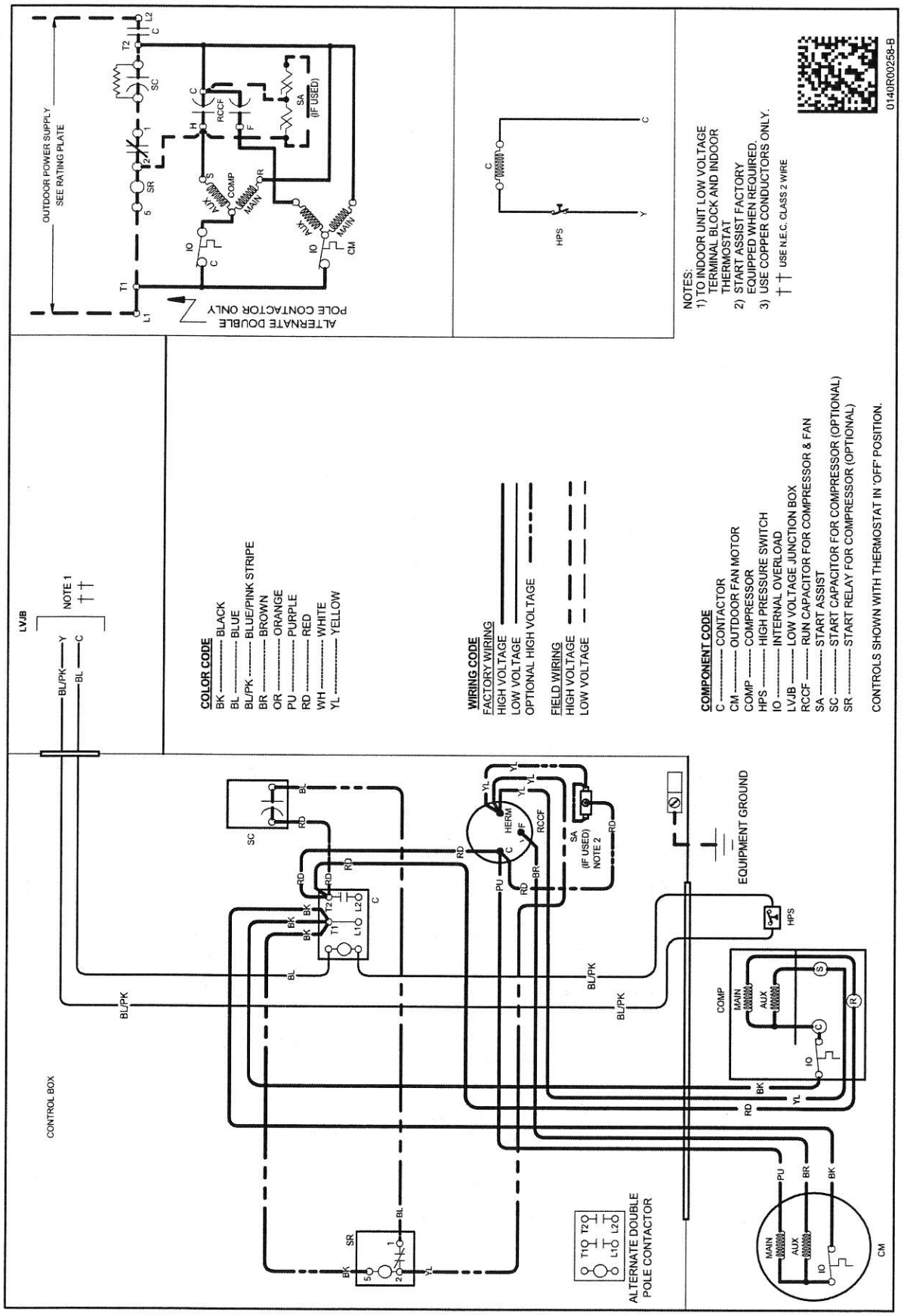
[3] Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

[4] Installer will need to supply ¾" to ⅞" adapters for suction line connections.

[5] Installer will need to supply ⅞" to 1⅛" adapters for suction line connections.

NOTES

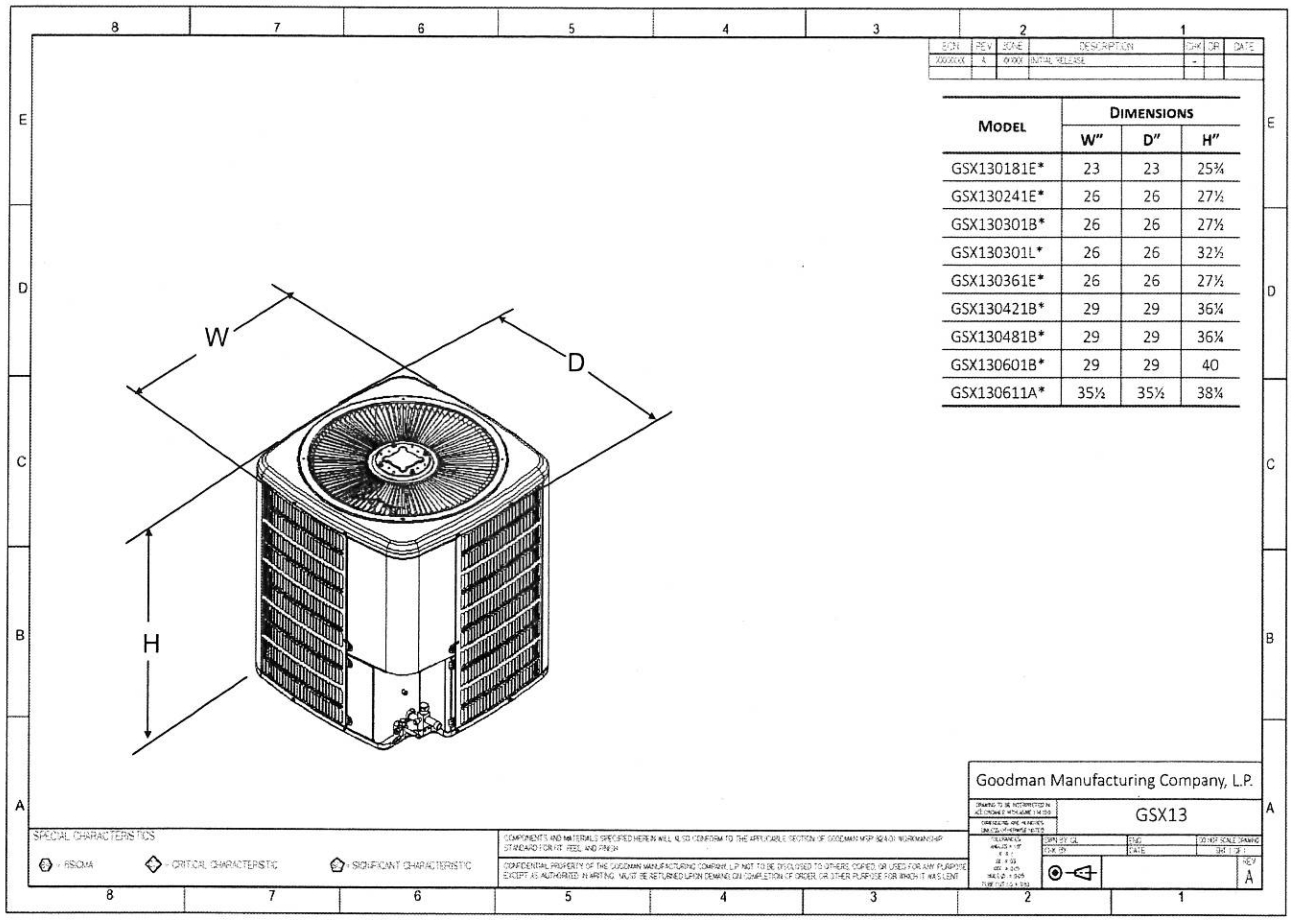
- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15' of ⅜" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- This product may not be installed in the Southeast (including Hawaii) or Southwest Regions as of Jan. 1, 2015.



WARNING **High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

Dimensions



Model	Dimensions		
	W"	D"	H"
GSX130181E*	23	23	25¾
GSX130241E*	26	26	27½
GSX130301B*	26	26	27½
GSX130301L*	26	26	32½
GSX130361E*	26	26	27½
GSX130421B*	29	29	36¼
GSX130481B*	29	29	36¼
GSX130601B*	29	29	40
GSX130611A*	35½	35½	38¾

Accessories

Model #	Description	GSX13 018D*	GSX13 018E*	GSX13 024D*/E*	GSX13 030B*/L*	GSX13 036E*	EGSX13 042**	GSX13 048**	GSX13 060**	GSX13 061**
ABK-20	Anchor Bracket Kit ^			X	X	X	X	X	X	X
ABK-21	Anchor Bracket Kit ^	X	X							
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit		X	X	X	X				
CSR-U-2	Hard-start Kit	X					X	X	X	X
CSR-U-3	Hard-start Kit							X	X	X
FSK01A[1]	Freeze Protection Kit	X	X	X	X	X	X	X	X	X
LSK02A[2]	Liquid Line Solenoid Kit	X	X	X	X	X	X	X	X	X
0130R00000S	Low-Pressure Switch Kit	X	X	X	X	X	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X	X	X	X	X	X
TX2N4[2]	TXV Kit	X	X							
TX2N4A[2]	TXV Kit	X	X	X						
TX3N4[2]	TXV Kit				X	X				
TX5N4[2]	TXV Kit						X	X	X	X

^ Contains 20 brackets; four brackets needed to anchor unit to pad

1 Installed on indoor coil

2 Field-installed, non-bleed, expansion valve kit: Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit.

Kossler Ridge RTU-1/2 Roof top units

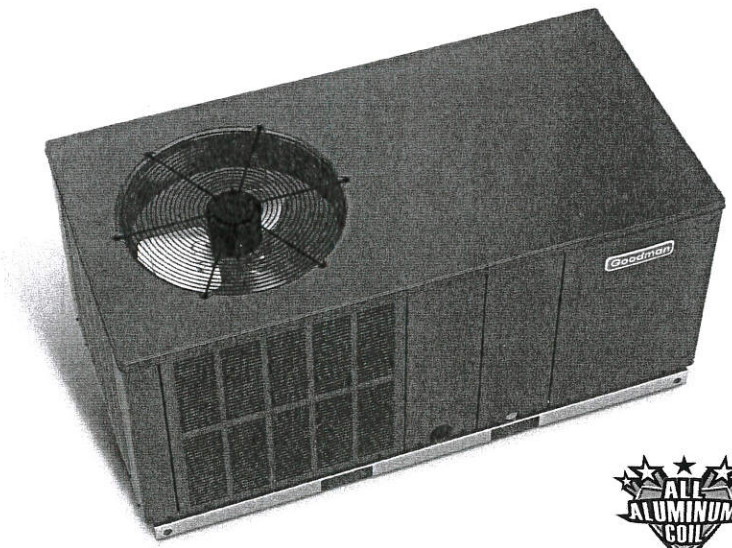
Goodman
Air Conditioning & Heating

GPH14H

Cooling Capacity: 24,000 - 57,500 BTU/h
Heating Capacity: 22,800 - 54,500 BTU/h

Packaged Heat Pump
2 to 5 Tons
Up to 14.5 SEER / 8.0 HSPF

Contents



ALL ALUMINUM COIL

Standard Features

- Energy-efficient scroll compressor
- Multi-speed ECM indoor blower motor
- Quiet horizontal discharge
- All-aluminum evaporator coil
- Copper tube/aluminum fin condenser coil
- Totally enclosed, permanently lubricated condenser fan motor
- Fully charged system
- Electric heat kit available as a field-installed option
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with Architectural Gray powder-paint finish
- Aluminum foil-facing internal insulation reinforced with fiberglass scrim
- Fully insulated blower compartment with convenient access panels
- Meets cabinet air leakage requirements when tested in accordance with ASHRAE standard 193
- Louvered condenser coil protection
- One footprint for all tonnages

10 YEAR PARTS LIMITED WARRANTY*

Intertek

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COMPANY WITH ENVIRONMENTAL SYSTEM CERTIFIED BY DNV GL = ISO 14001 =

BBB ACCREDITED BUSINESS

* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration not required in California or Québec.

	GPH14 24H41D*	GPH14 30H41D*	GPH14 36H41D*	GPH14 42H41E*	GPH14 48H41E*	GPH14 60H41F*
COOLING CAPACITY						
AHRI Cooling Capacity (BTU/h)	24,000	28,400	36,000	40,500	46,000	57,500
Sensible BTU/h	17,800	22,400	27,400	30,000	35,400	41,000
SEER / EER	14.5 / 12.0	14.0 / 12.0	14.0 / 11.5	14.0 / 12.0	14.0 / 12.0	14/12
Decibels	76	76	78	78	80	80
AHRI Numbers	6892375	6892376	6892377	7428307	7428309	9008582
HEATING CAPACITY						
BTU/h (47°F)	22,800	27,600	32,200	37,600	44,000	54,500
C.O.P. (47°F)	3.8	3.8	3.7	3.8	3.8	3.6
BTU/h (17°F)	13,000	15,400	20,400	21,600	26,000	33,800
C.O.P. (17°F)	2.4	2.5	2.4	2.4	2.4	2.5
HSPF	8.0	8.0	8.0	8.0	8.0	8.0
EVAPORATOR MOTOR						
Type	ECM	ECM	ECM	ECM	ECM	ECM
Wheel (D x W)	10 x 8	10 x 8	10 x 8	10 x 8	10 x 8	11X8
Cooling CFM	875	1,050	1,200	1,300	1,600	1,700
Fan-Only CFM	800	950	1,100	1,200	1,400	1,600
RLA	3.8	3.8	3.8	3.8	5.4	5.4
No. of Speeds	5	5	5	5	5	5
Horsepower - RPM	½ - 1,050	½ - 1,050	½ - 1,050	½ - 1,050	¾ - 1,050	¾ - 1,050
EVAPORATOR COIL						
Face Area (ft^2)	5.2	5.2	6.2	6.2	6.2	7
Rows Deep/ Fins per Inch	3/ 14	3/ 14	3/ 14	4/ 14	4/ 14	4/ 14
Indoor Metering Device Size	0.061	0.065	0.068	0.074	0.074	0.086
Filter Size (ft^2)	20 x 20 x 1	20 x 25 x 1	25 x 25 x 1	(2) 20 x 20 x 1	(2) 20 x 20 x 1	(2) 20 x 25 x 1
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	105	105	125	132	170	175
CONDENSER FAN / COIL						
Horsepower - RPM	1/6 - 815	1/6 - 815	¼ - 1075	¼ - 1075	¼ - 1075	¼ - 1075
RLA/LRA	1.1 / 1.7	1.1 / 1.7	1.5 /3.0	1.4 / 2.9	1.4 / 2.9	1.4 / 2.9
Fan Diameter / # Fan Blades	22 / 3	22 / 3	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft^2)	13.4	13.4	17	17	17	19
Outdoor Metering Device Size	0.047	0.047	0.063	0.065	0.065	0.071
Rows Deep/ Fins per Inch	1 / 24	1 / 24	1 / 24	1 / 24	2 / 16	2 / 20
COMPRESSOR						
Quantity / Type / Stage	1 / Scroll / Single	1 / Scroll / Single	1 / Scroll / Single	1 / Scroll / Single	1 / Scroll / Single	1 / Scroll / single
Compressor RLA/LRA	12.8 / 58.3	14.1 / 73	16.7 / 79	17.9 / 112	19.9 / 109	26.4/ 134
ELECTRICAL DATA						
Voltage/ Phase (60 Hz)	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1
Indoor Blower FLA	3.8	3.8	3.8	3.8	5.4	5.4
Outdoor Fan RLA	1.1	1.1	1.4	1.4	1.4	1.4
Total Unit Amps	17.7	19	21.9	23.1	26.7	33.2
Min. Circuit Ampacity[1]	21	23	26	28	32	40
Min. Overcurrent Protection (amps)[2]	30	35	40	45	50	60
OPERATING & SHIP WEIGHTS (LBS)	315 / 325	315 / 325	375 / 385	375 / 385	400 / 410	400 / 410

[1] Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
[2] Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.
Note: Always check the S&R plate for electrical data on the unit being installed.

HEAT KIT ELECTRICAL DATA (BLOWER ONLY, HEAT MODE)

MODEL AND HEAT KIT USAGE	CIRCUIT #1		CIRCUIT #2		SINGLE-POINT KIT		ACTUAL kW / BTU@ 240V
	MCA[1]	MOD[2]	MCA[1]	MOD[2]	MCA[1]	MOP[2]	
GPH1424H41D*	1.9	---	---	---	--	--	---
HKR-05*, HKR-05C*	21 / 25	25 / 25	---	---	46	50	4.75 / 16,200
HKR-08*, HKR-08C*	32 / 36	35 / 40	---	---	57	60	7 / 23,800
HKR-10*, HKR-10C*	43 / 49	45 / 50	---	---	70	80	9.5 / 32,400
GPH1430H41D*	2.3	---	---	---	--	--	---
HKR-05*, HKR-05C*	21 / 25	25 / 25	---	---	47	50	4.75 / 16,200
HKR-08*, HKR-08C*	32 / 36	35 / 40	---	---	59	60	7 / 23,800
HKR-10*, HKR-10C*	43 / 49	45 / 50	---	---	72	80	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	97	100	14.25 / 48,600
GPH1436H41D*	2.3	---	---	---	--	--	---
HKR-05*, HKR-05C*	21 / 25	25 / 25	---	---	51	60	4.75 / 16,200
HKR-08*, HKR-08C*	32 / 36	35 / 40	---	---	63	70	7 / 23,800
HKR-10*, HKR-10C*	43 / 49	45 / 50	---	---	76	80	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	100	110	14.25 / 48,600
GPH1442H41E*	3.6	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	52	60	4.75 / 16,200
HKR-08C*	32 / 36	35 / 40	---	---	64	70	7 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	77	80	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	102	110	14.25 / 48,600
HKP-20C	43 / 49	45 / 50	43 / 49	45 / 50	127	150	19.0 / 64,800
GPH1448H41E*	3.6	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	56	70	4.75 / 16,200
HKR-08C*	32 / 36	35 / 40	---	---	68	80	7 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	81	90	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	106	110	14.25 / 48,600
HKP-20C	43 / 49	45 / 50	43 / 49	45 / 50	131	150	19.0 / 64,800
GPH1460H41F*	7.5	---	---	---	--	--	---
HKP-05C*	21 / 25	25 / 25	---	---	65	80	4.75 / 16,200
HKR-08C*	32 / 36	35 / 40	---	---	76	90	7 / 23,800
HKP-10C*	43 / 49	45 / 50	---	---	89	100	9.5 / 32,400
HKP-15C*	43 / 49	45 / 50	21 / 25	25 / 25	114	125	14.25 / 48,600
HKP-20C	43 / 49	45 / 50	43 / 49	45 / 50	139	150	19.0 / 64,800

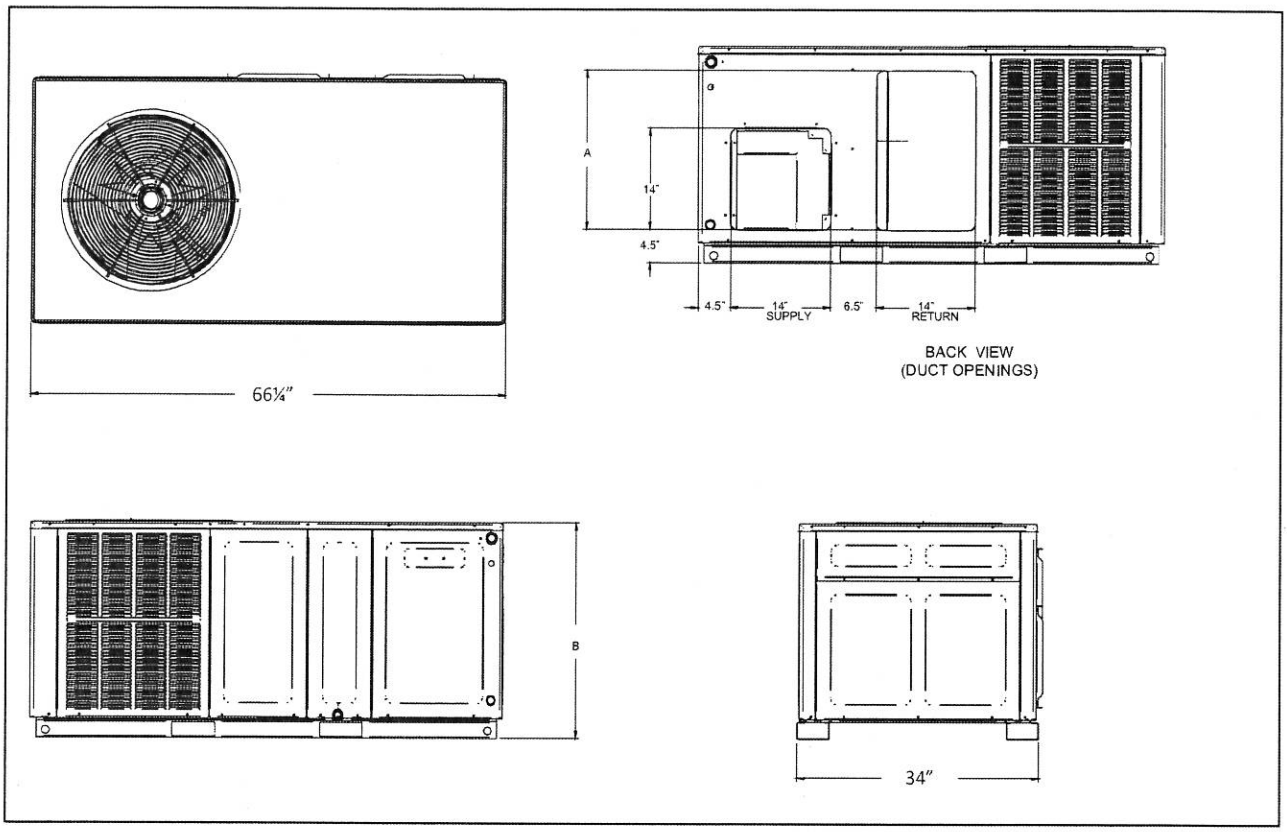
[1] Minimum Circuit Ampacity @ 208 / 240 V

[2] Maximum Overcurrent Protection Device @ 208 / 240 V

* Revision level that may or may not be designated

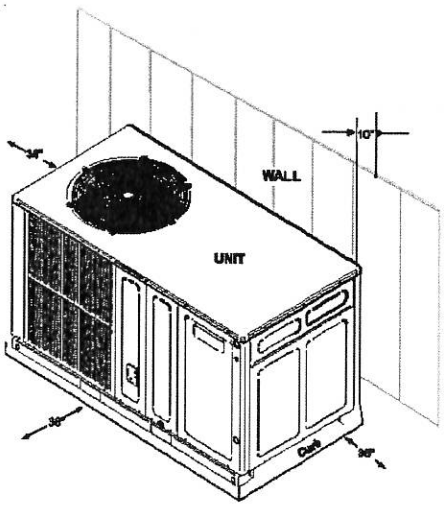
C Circuit breaker option

HKP-15C and HKP-20C replace HKR-15C and HKR-20C respectively to meet new UL1995 requirements.

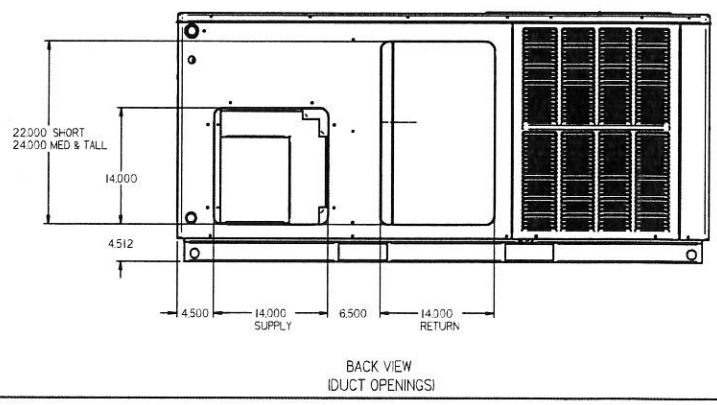


Model	A"	B"	Chassis Size
GPH1424H41**	22	30	Small
GPH1430H41**	22	30	Small
GPH1436H41**	24	35	Medium
GPH1442H41**	24	35	Medium
GPH1448H41**	24	35	Medium
GPH1460H41**	24	38¾	Large

MINIMAL CLEARANCES

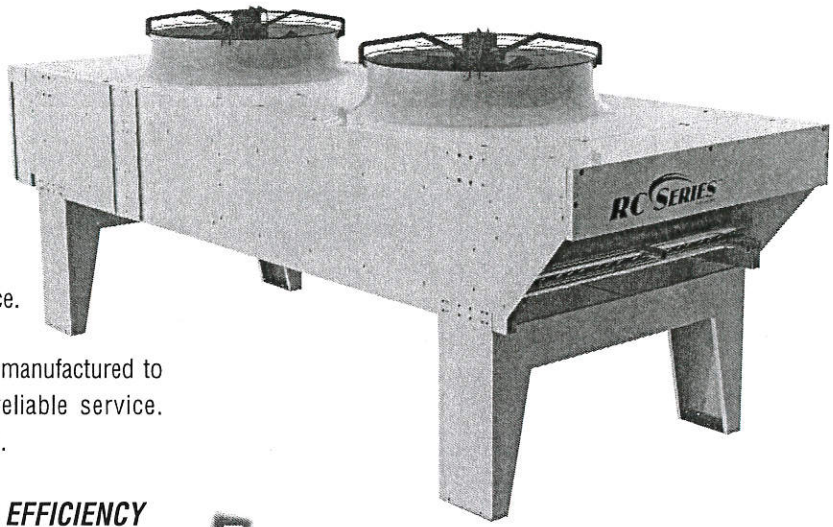


DUCT OPENINGS



Kessler Ridge RC01 Dehumidifier Condenser

Remote Condensers



REMOTE CONDENSERS

DESERT AIRE's Remote Condensers are designed with a commitment to excellence that will provide you with years of reliable service.

All DESERT AIRE equipment is consistently manufactured to high performance standards for efficient, reliable service. Our Remote Condensers are easy to install too.

HIGH PERFORMANCE, DURABILITY & EFFICIENCY

COILS - Round Tube Coils-Enhanced tubing, advanced sinusoidal fin design for optimal performance. Extensive use of 5/16" and 3/8" diameter tubing keeps refrigerant charge to a minimum.

Optional, ElectroFin E-Coat provides a uniform, flexible coating over the entire coil with immeasurable impact on thermal conductivity. 100% coverage is assured by the application process, even in the hard to reach center portions of the coil, without bridging between the fins. We recommend the application anytime a remote condenser is located near a salt water coast or a potential source of corrosive airborne particles.

FANS - Swept fan blades are designed as part of the motor, not an addition to it. Precise matching of these two components increases energy efficiency and reduces sound pressure to lower levels.

MOTORS - Direct drive external rotor motors offer uncompromised energy efficiency, low sound, and the longest trouble free life available. The RC8 & RCU series have fully enclosed motor lead raceways to protect wiring.

CABINETS - G90 galvanized steel cabinet provides years of durable finish protection and aesthetics. The RC8 & RCU series have tall venturi fan panels to add to our uncompromised energy efficiency and ultra-low sound. Fully baffled fan cells prevent "wind milling" and enhance performance.

EASY INSTALLATION

After uncrating, the condenser easily lifts into place with the use of eye bolts located on top of the unit. At ground level, the condenser can rest on a solid surface such as a concrete slab. On roofs, the unit should be placed on channels or an I-beam frame.

DESERT AIRE has a condenser for every application. Our complete line of direct-drive condensers compliments the wide range of our dehumidification offerings.

Head pressure controls automatically maintain condensing pressure at ambient temperatures as low as -20°F.

MULTIPLE REFRIGERATION CIRCUITS

DESERT AIRE's large commercial condensers are available in single or dual-circuit designs to match the needs of the dehumidifier. Each condenser fan is independently controlled to limit refrigeration migration and maintain design condensing temperatures.

Elevation above sea level has an effect on the performance of air-cooled condensers. The unit capacities shown in the *Performance Table* must be multiplied by the correction factors in *Table 1* to correct for various elevations.

NOTES: ***All data contained in this document is subject to change without notice. Please consult factory for most current data. Condensers in this brochure are limited to an elevation difference of 10 feet (RC below) and a maximum linear distance of 50 feet. Consult factory for high-lift model options.***

ELECTRICAL DATA

	Model	CFM	208-230/1/60			208-230/3/60			460/3/60			575/3/60			Unit kW 1 PHASE / 3 PHASE
			FLA	MCA	MOPD**	FLA	MCA	MOPD**	FLA	MCA	MOPD**	FLA	MCA	MOPD**	
STANDARD / Single Width	**SINGLE STANDARD**														
	RC5S008C	2,792	0.9	2	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.7 / n/a
	RC5S013C	2,589	0.9	2	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2 / n/a
	RC5S018C	2,383	0.9	2	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0.2 / n/a
	RC5S024C	5,773	4.5	7	11	3.3	5	9	2.0	4	6	1.6	3	5	0.9 / 1.0
	RC5S032C	5,557	4.5	7	11	3.3	5	9	2.0	4	6	1.6	3	5	0.9 / 1.0
	RC5S039C	5,352	4.5	7	11	3.3	5	9	2.0	4	6	1.6	3	5	0.9 / 1.1
	RC5S051C	10,259	9.2	11	16	6.6	9	9	4.0	6	8	3.2	5	6	1.9 / 2.2
	RC5S063C	9,670	9.0	11	16	6.6	9	9	4.0	6	8	3.2	5	6	1.9 / 2.2
	RC5S067C	11,235	9.0	11	16	6.6	9	12	4.0	6	8	3.2	5	6	1.9 / 2.1
	RC5S079C	10,850	9.0	11	16	6.6	9	12	4.0	6	8	3.2	5	6	1.9 / 2.1
	RC5S099C	16,672	13.5	16	20	9.9	12	15	6.0	8	10	4.8	6	8	2.8 / 3.1
	RC5S113C	16,045	13.5	16	20	9.9	12	15	6.0	8	10	4.8	6	8	2.8 / 3.2
	RC8S007C	11,376	n/a	n/a	n/a	6.8	10	16	3.6	5	9	3.1	5	8	n/a / 1.4
	RC8S009C	11,033	n/a	n/a	n/a	6.8	10	16	3.6	5	9	3.1	5	8	n/a / 1.4
	RC8S011C	23,496	n/a	n/a	n/a	13.6	16.8	23	7.2	9	13	6.2	9	12	n/a / 2.7
	RC8S015C	22,752	n/a	n/a	n/a	13.6	16.8	23	7.2	9	13	6.2	9	12	n/a / 2.8
	RC8S018C	22,067	n/a	n/a	n/a	13.6	16.8	23	7.2	9	13	6.2	9	12	n/a / 2.9
	RC8S022C	33,668	n/a	n/a	n/a	20.4	23.6	30	10.8	13	17	9.4	12	15	n/a / 4.2
	RC8S026C	32,522	n/a	n/a	n/a	20.4	23.6	30	10.8	13	17	9.4	12	15	n/a / 4.4
	RC8S030C	44,897	n/a	n/a	n/a	27.2	30.4	37	14.4	16	20	12.5	15	18	n/a / 5.6
	RC8S035C	43,370	n/a	n/a	n/a	27.2	30.4	37	14.4	16	20	12.5	15	18	n/a / 5.8
STANDARD / Dual Width	**DUAL STANDARD**														
	RC8D022C	46,101	n/a	n/a	n/a	27.2	30.4	37	14.4	16	20	6.2	9	12	n/a / 5.5
	RC8D029C	44,319	n/a	n/a	n/a	27.2	30.4	37	14.4	16	20	6.2	9	12	n/a / 5.7
	RC8D035C	42,714	n/a	n/a	n/a	27.2	30.4	37	14.4	16	20	6.2	9	12	n/a / 5.9
QUIET / Single Width	**SINGLE QUIET**														
	RCUS005C	6,591	n/a	n/a	n/a	2.1	4	6	1.2	2	3	0.8	2	3	n/a / 0.4
	RCUS006C	6,253	n/a	n/a	n/a	2.1	4	6	1.2	2	3	0.8	2	3	n/a / 0.4
	RCUS008C	13,748	n/a	n/a	n/a	4.2	6.1	9	2.4	4	5	1.6	3	4	n/a / 0.8
	RCUS010C	12,899	n/a	n/a	n/a	4.2	6.1	9	2.4	4	5	1.6	3	4	n/a / 0.8
	RCUS012C	12,167	n/a	n/a	n/a	4.2	6.1	9	2.4	4	5	1.6	3	4	n/a / 0.8
	RCUS016C	19,252	n/a	n/a	n/a	6.3	8.2	11	3.6	5	6	2.4	4	5	n/a / 1.2
	RCUS018C	18,094	n/a	n/a	n/a	6.3	8.2	11	3.6	5	6	2.4	4	5	n/a / 1.2
	RCUS021C	25,669	n/a	n/a	n/a	8.4	10.3	13	4.8	6	7	3.2	5	6	n/a / 1.6
	RCUS023C	24,125	n/a	n/a	n/a	8.4	10.3	13	4.8	6	7	3.2	5	6	n/a / 1.6
	RCUS027C	29,538	n/a	n/a	n/a	10.5	12.4	15	6.0	7	8	4.0	6	7	n/a / 2.0
	RCUS030C	27,310	n/a	n/a	n/a	10.5	12.4	15	6.0	7	8	4.0	6	7	n/a / 2.0
	RCUS036C	32,771	n/a	n/a	n/a	12.6	14.5	17	7.2	8	9	4.8	6	7	n/a / 2.4
QUIET / Dual Width	**DUAL QUIET**														
	RCUD015C	27,030	n/a	n/a	n/a	8.4	10.3	13	4.8	6	7	1.6	3	4	n/a / 1.5
	RCUD020C	34,888	n/a	n/a	n/a	8.4	10.3	13	4.8	6	7	1.6	3	4	n/a / 1.6
	RCUD031C	37,818	n/a	n/a	n/a	12.6	14.5	17	7.2	8	9	2.4	4	5	n/a / 2.3
	RCUD036C	35,339	n/a	n/a	n/a	12.6	14.5	17	7.2	8	9	2.4	4	5	n/a / 2.4

*Standard control panels are rated at 10 kA SCCR when power is supplied with class J fuses.

** MOPD - Maximum Overcurrent Protection Device

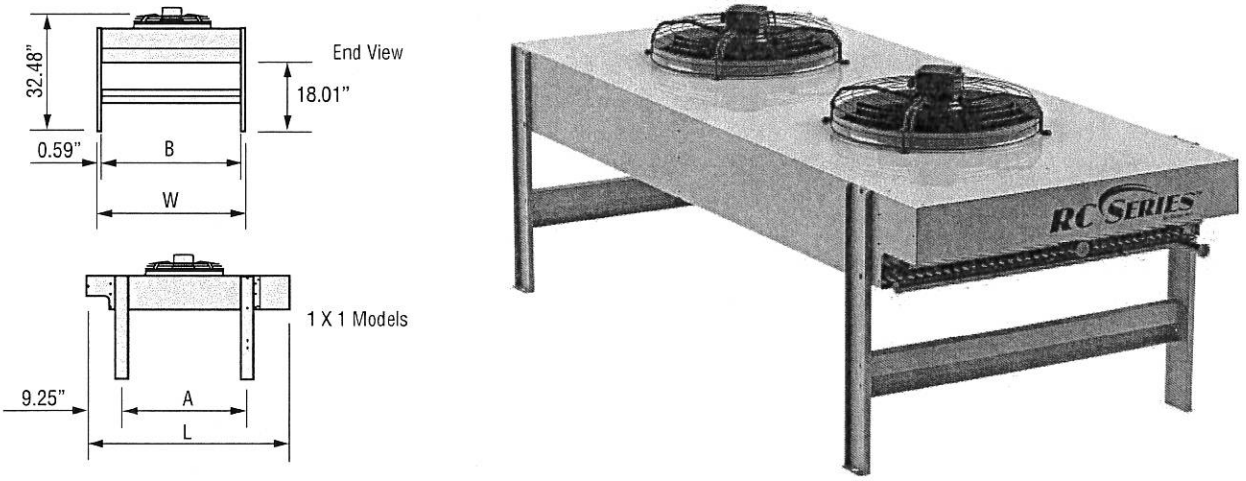
PERFORMANCE, SPECIFICATIONS AND DIMENSIONS TABLE

	Model	Standard Capacity MBH/1F	Single Circ. Conn (in)**		Dual Circ. Conn (in)**		Fan Layout	Overall Length (L) (inches)	Mounting Dimensions (in)			Approx. Net Wt. (lbs)	DB A*
			Disch. Line	Liq. Line	Disch. Line	Liq. Line			A	B	C		
STANDARD / Single Width	SINGLE STANDARD												
	RC5S008C	0.9	1/2	1/2	1/2	1/2	1 x 1	54.5	28.0	-	-	199	49.5
	RC5S013C	1.6	5/8	1/2	5/8	1/2	1 x 1	54.5	28.0	-	-	208	48.8
	RC5S018C	2	5/8	1/2	5/8	1/2	1 x 1	54.5	28.0	-	-	215	48
	RC5S024C	3	3/4	5/8	3/4	1/2	1 x 1	54.5	28.0	-	-	236	60.5
	RC5S032C	3.8	7/8	3/4	7/8	1/2	1 x 1	54.5	28.0	-	-	243	60
	RC5S039C	4.4	7/8	3/4	7/8	1/2	1 x 1	54.5	28.0	-	-	253	59.5
	RC5S051C	6.5	7/8	3/4	7/8	1/2	1 x 2	90.5	64.0	-	-	315	62
	RC5S063C	7.4	1-1/8	3/4	1-1/8	1/2	1 x 2	90.5	64.0	-	-	329	61.5
	RC5S067C	7.9	1-1/8	7/8	1-1/8	1/2	1 x 2	94.5	68.0	-	-	369	63
	RC5S079C	9.1	1-1/8	7/8	1-1/8	1/2	1 x 2	94.5	68.0	-	-	390	62.5
	RC5S099C	11.5	1-1/8	7/8	1-1/8	1/2	1 x 3	126.5	100.0	-	-	480	65
	RC5S113C	13.2	1-3/8	1-1/8	1-3/8	1/2	1 x 3	126.5	100.0	-	-	509	64.5
	RC8S007C	8.1	1-1/8	7/8	1-1/8	5/8	1 x 1	80.9	48.1	-	-	529	62.5
	RC8S009C	9.3	1-1/8	7/8	1-1/8	3/4	1 x 1	80.9	48.1	-	-	551	62.5
	RC8S011C	12	1-3/8	1-1/8	1-3/8	3/4	1 x 2	138.9	106.2	-	-	710	65.5
	RC8S015C	15.6	1-3/8	1-1/8	1-3/8	7/8	1 x 2	138.9	106.2	-	-	829	65.5
	RC8S018C	18	1-5/8	1-1/8	1-3/8	7/8	1 x 2	138.9	106.2	-	-	869	65.5
	RC8S022C	24.7	1-5/8	1-3/8	1-5/8	1-1/8	1 x 3	196.9	111.1	53.1	-	1186	67.3
	RC8S026C	28.2	1-5/8	1-3/8	1-5/8	1-1/8	1 x 3	196.9	111.1	53.1	-	1246	67.3
	RC8S030C	33.5	1-5/8	1-3/8	1-5/8	1-1/8	1 x 4	254.9	111.1	111.1	-	1497	68.5
	RC8S035C	37.7	1-5/8	1-3/8	1-5/8	1-1/8	1 x 4	254.9	111.1	111.1	-	1574	68.5
STANDARD / Dual Width	DUAL STANDARD												
	RC8D022C	23.2	1-5/8	1-3/8	1-5/8	1-1/8	2 x 2	138.9	106.2	-	-	1301	68.5
	RC8D029C	30.2	1-5/8	1-3/8	1-5/8	1-1/8	2 x 2	138.9	106.2	-	-	1537	68.5
	RC8D035C	34.8	1-5/8	1-3/8	1-5/8	1-1/8	2 x 2	138.9	106.2	-	-	1614	68.5
QUIET / Single Width	SINGLE QUIET												
	RCUS005C	5.6	7/8	3/4	7/8	5/8	1 x 1	80.9	48.1	-	-	529	43.5
	RCUS006C	6.1	7/8	3/4	1-1/8	5/8	1 x 1	80.9	48.1	-	-	551	43.5
	RCUS008C	8.8	1-1/8	7/8	1-1/8	3/4	1 x 2	138.9	106.2	-	-	710	46.5
	RCUS010C	10.7	1-1/8	7/8	1-1/8	3/4	1 x 2	138.9	106.2	-	-	829	46.5
	RCUS012C	11.6	1-3/8	1-1/8	1-3/8	3/4	1 x 2	138.9	106.2	-	-	869	46.5
	RCUS016C	16.9	1-3/8	1-1/8	1-3/8	7/8	1 x 3	196.9	111.1	53.1	-	1186	48.3
	RCUS018C	18	1-5/8	1-1/8	1-3/8	7/8	1 x 3	196.9	111.1	53.1	-	1246	48.3
	RCUS021C	22.9	1-5/8	1-1/8	1-5/8	1-1/8	1 x 4	254.9	111.1	111.1	-	1497	49.5
	RCUS023C	24.1	1-5/8	1-3/8	1-5/8	1-1/8	1 x 4	254.9	111.1	111.1	-	1574	49.5
	RCUS027C	28.1	1-5/8	1-3/8	1-5/8	1-1/8	1 x 5	312.9	111.1	169.1	-	1658	50.5
	RCUS030C	28.7	1-5/8	1-3/8	1-5/8	1-1/8	1 x 5	312.9	111.1	169.1	-	1746	50.5
	RCUS036C	34.7	1-5/8	1-3/8	1-5/8	1-1/8	1 x 6	370.9	111.1	116.0	111.1	2068	51.3
QUIET / Dual Width	DUAL QUIET												
	RCUD015C	16.9	1-3/8	1-1/8	1-3/8	7/8	2 x 2	138.9	106.2	-	-	1301	49.5
	RCUD020C	20.6	1-5/8	1-1/8	1-5/8	7/8	2 x 2	138.9	106.2	-	-	1537	49.5
	RCUD031C	32.7	1-5/8	1-3/8	1-5/8	1-1/8	2 x 3	196.9	111.1	53.1	-	2086	51.3
	RCUD036C	34.7	1-5/8	1-3/8	1-5/8	1-1/8	2 x 3	196.9	111.1	53.1	-	2196	51.3

* Listed DBA values are sound ratings for the maximum number of fans in operation per RC at 3m in accordance with AHRI standard 370-2001.
** Line sizes are based on 50 ft. line set / max. 10 ft. elevation difference at 35°F ΔT. Line connections may vary with different application ratings so consult the I/O manual.

DIMENSIONAL DATA RC5 SERIES

Model	Fan Layout	Overall Length (L) (inches)	Overall Width (W) (inches)	Mounting Dimensions (in)	
				A	B
RC5					
RC5S008	1 x 1	54.5	28.3	28.0	26.2
RC5S013	1 x 1	54.5	28.3	28.0	26.2
RC5S018	1 x 1	54.5	28.3	28.0	26.2
RC5S024	1 x 1	54.5	37.3	28.0	35.2
RC5S032	1 x 1	54.5	37.3	28.0	35.2
RC5S039	1 x 1	54.5	37.3	28.0	35.2
RC5S051	1 x 2	90.5	28.3	64.0	26.2
RC5S063	1 x 2	90.5	28.3	64.0	26.2
RC5S067	1 x 2	94.5	37.3	68.0	35.2
RC5S079	1 x 2	94.5	37.3	68.0	35.2
RC5S099	1 x 3	126.5	37.3	100.0	35.2
RC5S113	1 x 3	126.5	37.3	100.0	35.2



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