

PACKAGE GAS HEATING/ELECTRIC COOLING R-410A SINGLE PACKAGE ROOFTOP 6 - 15 TONS (3-Phase)

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- Standard Efficiency, gas heating and electric cooling with a low profile, prewired, tested and charged at the factory
- Field Convertible from vertical to horizontal airflow on all models. No special kit required on 072-150 models. Field accessory supply duct kit required for 180 size model only.
- Full perimeter base rail with built-in rigging adapters and fork truck slots
- Pre-painted exterior panels and primer-coated interior panels tested to 500 hours salt spray protection
- Fully insulated cabinet
- Tubular-section type aluminized heat exchanger standard with optional stainless steel heat exchanger available
- Single-stage or two stage cooling capacity control
- Redundant gas valve, up to two stages of heating
- Exclusive IGC solid-state control for on-board diagnostics with LED error code designation, burner control logic and energy saving indoor fan motor delay
- High efficiency, gas heat with induced draft flue exhaust design
- Single or dual scroll compressor with internal line-break overload protection
- All units have high and low pressure switches
- Two inch disposable fiberglass type return air filters in dedicated rack with tool-less filter access door
- Refrigerant circuits contain a liquid line filter drier to trap dirt and moisture
- Indoor and outdoor coils constructed of aluminum fins mechanically bonded to seamless copper tubes
- Newly-designed indoor refrigerant header for easier maintenance and replacement
- Exclusive non-corrosive composite condensate pan in accordance with ASHRAE 62 Standard, sloping design; side or center drain
- Belt drive evaporator-fan motor and pulley combinations available to meet any application
- Access panels with easy grip handles provide quick and easy access to the blower and blower motor, control box, and compressor
- No-strip screw system has superior holding power and guides screws into position while preventing the screw from stripping the unit's metal
- Newly designed terminal board facilitates simple safety circuit troubleshooting and simplified control box arrangement
- Outdoor temperature cooling operation range up to 115°F (46°C) and down to 25°F (4°C) using winter start kit
- Fixed orifice metering devices on all models to precisely control refrigerant flow
- Large, laminated control wiring and power wiring drawings are affixed to unit to make troubleshooting easy
- Standard, medium and high static fan motor options available
- Provisions for thru-the-bottom power entry capability
- Single point gas and electrical connections
- Low NOx models include stainless steel heat exchangers



RGS072



RGS091-121



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.



WARRANTY

- 15 Year limited warranty on optional stainless steel heat exchanger
- 10 year limited warranty on aluminized heat exchanger
- 5 year compressor limited warranty
- 1 year parts limited warranty

* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, including warranty coverage for other applications

UNIT PERFORMANCE DATA - SINGLE STAGE COOLING

Model Number	Nominal Tons	Cooling			Heating		Height x Width x Depth in (mm)	Operating Weight lbs (kg)
		Capacity BTU/h	SEER	EER	Input BTU/h	Thermal EFF%		
RGS072HDAA0AAA	6	70,000	N/A	11.00	72,000	80-82	41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	652 (296)
RGS072LDAA0AAA								
RGS072SDAA0AAA								
RGS072HEAA0AAA	6	70,000	N/A	11.00	115,000	80-82	41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	652 (296)
RGS072LEAA0AAA								
RGS072SEAA0AAA								
RGS072HFAA0AAA	6	70,000	N/A	11.00	150,000	80-82	41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	652 (296)
RGS072LFAA0AAA								
RGS072SFAA0AAA								

RGS (continued)

UNIT PERFORMANCE DATA - SINGLE STAGE COOLING (Continued)

Model Number	Nominal Tons	Cooling			Heating		Height x Width x Depth in (mm)	Operating Weight lbs (kg)
		Capacity BTU/h	SEER	EER	Input BTU/h	AFUE%		
RGS072HDAA0AAA	6	70,000	N/A	11.00	72,000	80-82	41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	652 (296)
RGS072LDAA0AAA								
RGS072SDAA0AAA								
RGS072HEAA0AAA	6	70,000	N/A	11.00	115,000	80-82	41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	652 (296)
RGS072LEAA0AAA								
RGS072SEAA0AAA								
RGS072HFAA0AAA	6	70,000	N/A	11.00	150,000	80-82	41-3/8 x 46-3/4 x 74-3/8 (1051 x 1187 x 1888)	652 (296)
RGS072LFAA0AAA								
RGS072SFAA0AAA								
RGS091HDAA0AAA	7.5	88,000	N/A	11.00	125,000	80-82	41-1/4 x 59-1/2 x 88-1/8 (1048 x 1510 x 2238)	810 (367)
RGS091LDAA0AAA								
RGS091SDAA0AAA								
RGS091HEAA0AAA	7.5	88,000	N/A	11.00	180,000	80-82	41-1/4 x 59-1/2 x 88-1/8 (1048 x 1510 x 2238)	810 (367)
RGS091LEAA0AAA								
RGS091SEAA0AAA								
RGS091HFAA0AAA	7.5	88,000	N/A	11.00	224,000	80-82	41-1/4 x 59-1/2 x 88-1/8 (1048 x 1510 x 2238)	810 (367)
RGS091LFAA0AAA								
RGS091SFAA0AAA								
RGS101HDAA0AAA	8.5	97,000	N/A	11.00	125,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	910 (413)
RGS101LDAA0AAA								
RGS101SDAA0AAA								
RGS101HEAA0AAA	8.5	97,000	N/A	11.00	180,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	910 (413)
RGS101LEAA0AAA								
RGS101SEAA0AAA								
RGS101HFAA0AAA	8.5	97,000	N/A	11.00	224,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	910 (413)
RGS101LFAA0AAA								
RGS101SFAA0AAA								
RGS121HDAA0AAA	10	117,000	N/A	11.00	180,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	965 (438)
RGS121LDAA0AAA								
RGS121SDAA0AAA								
RGS121HEAA0AAA	10	117,000	N/A	11.00	224,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	965 (438)
RGS121LEAA0AAA								
RGS121SEAA0AAA								
RGS121HFAA0AAA	10	117,000	N/A	11.00	250,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	965 (438)
RGS121LFAA0AAA								
RGS121SFAA0AAA								

UNIT PERFORMANCE DATA - TWO STAGE COOLING

RGS090HDAA0AAA	7.5	83,000	N/A	11.00	125,000	80-82	41-1/4 x 59-1/2 x 88-1/8 (1048 x 1510 x 2238)	810 (367)
RGS090LDAA0AAA								
RGS090SDAA0AAA								
RGS090HEAA0AAA	7.5	83,000	N/A	11.00	180,000	80-82	41-1/4 x 59-1/2 x 88-1/8 (1048 x 1510 x 2238)	810 (367)
RGS090LEAA0AAA								
RGS090SEAA0AAA								
RGS090HFAA0AAA	7.5	83,000	N/A	11.00	224,000	80-82	41-1/4 x 59-1/2 x 88-1/8 (1048 x 1510 x 2238)	810 (367)
RGS090LFAA0AAA								
RGS090SFAA0AAA								
RGS102HDAA0AAA	8.5	97,000	N/A	11.00	125,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	910 (413)
RGS102LDAA0AAA								
RGS102SDAA0AAA								
RGS102HEAA0AAA	8.5	97,000	N/A	11.00	180,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	910 (413)
RGS102LEAA0AAA								
RGS102SEAA0AAA								
RGS102HFAA0AAA	8.5	97,000	N/A	11.00	224,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	910 (413)
RGS102LFAA0AAA								
RGS102SFAA0AAA								

Specifications subject to change without notice.

RGS (continued)

Model Number	Nominal Tons	Cooling			Heating		Height x Width x Depth in (mm)	Operating Weight lbs (kg)
		Capacity BTU/h	SEER	EER	Input BTU/h	Thermal Eff. %		
UNIT PERFORMANCE DATA - TWO STAGE COOLING (continued)								
RGS120HDAA0AAA	10	117,000	N/A	11.00	180,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	965 (438)
RGS120LDAA0AAA								
RGS120SDAA0AAA								
RGS120HEAA0AAA	10	117,000	N/A	11.00	224,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	965 (438)
RGS120LEAA0AAA								
RGS120SEAA0AAA								
RGS120HFAA0AAA	10	117,000	N/A	11.00	250,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	965 (438)
RGS120LFAA0AAA								
RGS120SFAA0AAA								
RGS150HDAA0AAA	12.5	140,000	N/A	10.80	180,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	1116 (506)
RGS150LDAA0AAA								
RGS150SDAA0AAA								
RGS150HEAA0AAA	12.5	140,000	N/A	10.80	224,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	1116 (506)
RGS150LEAA0AAA								
RGS150SEAA0AAA								
RGS150HFAA0AAA	12.5	140,000	N/A	10.80	250,000	80-82	49-3/8 x 59-1/2 x 88-1/8 (1253 x 1510 x 2238)	1116 (506)
RGS150LFAA0AAA								
RGS150SFAA0AAA								
RGS180HDAA0AAA	15	174,000	N/A	10.80	180,000	80-82	57-3/8 x 63-3/8 x 115-7/8 (1456 x 1609 x 2942)	1380 (627)
RGS180LDAA0AAA								
RGS180SDAA0AAA								
RGS180HEAA0AAA	15	174,000	N/A	10.80	240,000	80-82	57-3/8 x 63-3/8 x 115-7/8 (1456 x 1609 x 2942)	1380 (627)
RGS180LEAA0AAA								
RGS180SEAA0AAA								
RGS180HFAA0AAA	15	174,000	N/A	10.80	350,000	80-82	57-3/8 x 63-3/8 x 115-7/8 (1456 x 1609 x 2942)	1380 (627)
RGS180LFAA0AAA								
RGS180SFAA0AAA								

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