

Commercial Split System A/C for R-410A

RSG Series



**6.5 to
20 Tons**

A split system for air conditioning is designed to let you match components to the specific requirements of the job for maximum efficiency and longer equipment life.

Remote mounting of the condensing unit keeps any operational sounds outside, while the vertical discharge fans carry sound up and away from the surrounding area. Units can be slab- or roof-mounted.

The RSG Series comes with scroll compressors; models -125 through -240 have tandem scroll compressors. Compressors feature internal overload protection and insulation on motor windings, and they are mounted on rubber grommets to reduce vibration and noise.

Cabinets are durable galvanized steel with powder coat finish; stamped louvered panels protect components.

Installation is quick and simple with removable panels and externally located sweat connections



FEATURES

- **Low Ambient Control**—Pressure sensitive fan cycling control allows operation down to 0°F
- **Crankcase Heater**—Minimizes refrigerant migration into the compressor oil
- **Condenser Coils**—Copper tubes with aluminum fins mechanically bonded to tubes provide maximum heat transfer
- **Filter-Drier**—Included to ensure cleanliness of refrigerant (shipped uninstalled)
- **Condenser Fan Motor**—Direct drive PSC motors are accessed by removing wire grilles, making it easy to expose the condenser coil for cleaning
- **Service Valves**—Standard on liquid and suction lines, isolates the outdoor unit from the indoor unit for easier servicability
- **Refrigerant Connections**—Fixed panel is used for field piping connections, allowing removal of access panels without disturbing connections

Model	Cooling Cap. Nom. BTUH	Air Handler Model No.	EER	Power Supply	Dimensions H x W x D (inches)	Shipping Wt. (lbs)
RSG078A3	77,000/77,000	AHCG090A-Z*	11.2/11.2	208/230-3-60	32 ⁵³ / ₆₄ x 42 ⁴³ / ₆₄ x 31 ¹ / ₁₆	287
RSG078A4	77,000	AHCG090A-Z*	11.2	460-3-60	32 ⁵³ / ₆₄ x 42 ⁴³ / ₆₄ x 31 ¹ / ₁₆	287
RSG090A3	90,000/90,000	AHCG090A-Z*	11.2/11.2	208/230-3-60	32 ⁵³ / ₆₄ x 42 ⁴³ / ₆₄ x 31 ¹ / ₁₆	306
RSG090A4	90,000 92,000	AHCG090A-Z* AHCG120A-Z*	11.2 11.4	460-3-60	32 ⁵³ / ₆₄ x 42 ⁴³ / ₆₄ x 31 ¹ / ₁₆	306
RSG120A3	117,000/117,000	AHCG120A-Z*	11.2/11.2	208/230-3-60	44 ³ / ₄ x 62 ⁹ / ₆₄ x 39 ¹⁵ / ₁₆	541
RSG120A4	117,000	AHCG120A-Z*	11.2	460-3-60	44 ³ / ₄ x 62 ⁹ / ₆₄ x 39 ¹⁵ / ₁₆	541
RSG125A3	116,000/116,000	AHCG120A-Z*	11.2/11.2	208/230-3-60	44 ³ / ₄ x 62 ⁹ / ₆₄ x 39 ¹⁵ / ₁₆	626
RSG125A4	116,000	AHCG120A-Z*	11.2	460-3-60	44 ³ / ₄ x 62 ⁹ / ₆₄ x 39 ¹⁵ / ₁₆	626
RSG150A3	146,000/146,000	AHCG180A-Z*	11.1/11.1	208/230-3-60	44 ³ / ₄ x 73 ⁵⁷ / ₆₄ x 39 ¹⁵ / ₁₆	690
RSG150A4	146,000	AHCG180A-Z*	11.1	460-3-60	44 ³ / ₄ x 73 ⁵⁷ / ₆₄ x 39 ¹⁵ / ₁₆	690
RSG180A3	178,000/178,000	AHCG180A-Z*	11.0/11.0	208/230-3-60	44 ³ / ₄ x 88 ⁷ / ₈ x 39 ¹⁵ / ₁₆	786
RSG180A4	178,000	AHCG180A-Z*	11.0	460-3-60	44 ³ / ₄ x 88 ⁷ / ₈ x 39 ¹⁵ / ₁₆	786
RSG240A3	244,000/244,000	AHCG240A-Z*	10.0/10.0	208/230-3-60	44 ³ / ₄ x 88 ⁷ / ₈ x 39 ¹⁵ / ₁₆	992
RSG240A4	244,000	AHCG240A-Z*	10.0	460-3-60	44 ³ / ₄ x 88 ⁷ / ₈ x 39 ¹⁵ / ₁₆	992

* Select "L" or "K" Blower Drives—see AHCG commercial air handler spec sheet for blower selection criteria.

HEAT CONTROLLER, INC.

1900 Wellworth Ave., Jackson MI 49203 • Ph. 517-787-2100 • www.heatcontroller.com

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