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Packaged Terminal Air Conditioner for New Construction

# RSNU-HP Series

Ice Air's packaged terminal heat pumps provide reliable occupant comfort at a great value.

Commercial grade construction provides reliability and longevity unmatched in this market category. With attractive durable enclosures, and whisper quiet operation, the RSNU-HP series is the perfect solution for new construction.



**Features:**

- Ultra-high efficiency – EERs to 12.0
- Electric Heat output available in various outputs to meet building heating demand.
- Heat pump operation down to 38°F with a transition to electric heat below 38°F
- Advanced tangential indoor blower provides balanced air flow
- Whisper quiet sound levels
- Standard programmable digital touchpad controls
- 5/2 or 7 day programming
- Puron® R-410A Green refrigerant
- Heavy duty, commercial-grade construction throughout
- Various control options including WiFi thermostats and BMS integration



- G90 galvanized steel construction, powder-coated drain and base pans
- Furniture-grade, powder-coated cabinetry

*For custom solutions, please consult factory.*

SERIES MODEL #	RSNU07			RSNU09			RSNU13			RSNU16		RSNU18	
Total Cooling Capacity (Btu/hr) <sup>1</sup>	7,700			9,700			12,800			14,400		16,400	
Sensible Cooling Capacity (Btu/hr) <sup>1</sup>	5,390			6,790			8,960			10,080		11,480	
EER <sup>1</sup>	12.0			12.0			11.4			10.5		10.3	
Heating Capacity (Btu/hr) <sup>2</sup>	7,200			8,700			11,500			13,300		15,200	
COP <sup>2</sup>	3.40			3.30			3.30			3.13		3.13	
Voltage	115	208 / 230	277	115	208 / 230	277	115	208 / 230	277	208 / 230	277	208 / 230	277
Electric Heater (kW) <sup>3</sup>	1.5	3.0   3.5	3.0   3.5	1.5	3.0   3.5	3.0   3.5	1.5	3.0   3.5   4.3	3.0   3.5   4.3	3.0   3.5   4.3	3.0   3.5   4.3	3.0   3.5   4.3	3.0   3.5   4.3
Electric Heater (A) <sup>3</sup>	13	14.4   16.8	10.8   12.6	13	14.4   16.8	10.8   12.6	13	14.4   16.8   20.7	10.8   12.6   15.5	14.4   16.8   20.7	10.8   12.6   15.5	14.4   16.8   20.7	10.8   12.6   15.5
Current in Cooling Operation (Amps)	5.6	3.1	2.3	7	3.9	2.9	9.8	5.4	4.1	6.6	4.9	7.7	5.7
Power in Cooling Operation (Watts)	642			808			1,123					1,592	
MCA (without Electric Heat)	7	3.9	2.9	8.8	4.9	3.6	12.3	6.8	5.1	8.3	6.1	9.6	7.1
MOCP (without Electric Heat)	15	15	15	15	15	15	20	15	15	15	15	15	15
MCA (with Electric Heat)	17.6	18.8   21.8	14.2   16.4	17.6	18.8   21.8	14.2   16.4	17.6	18.8   21.8   26.6	14.2   16.4   19.9	18.8   21.8   26.6	14.2   16.4   19.9	18.8   21.8   26.6	14.2   16.4   19.9
MOCP (with Electric Heat)	20	20   25	15   20	20	20   25	15   20	20	20   25   30	15   20   20	20   25   30	15   20   20	20   25   30	15   20   20
Airflow - High Speed (CFM)	380	380	380	380	380	380	400	400	400	450	450	540	540
Airflow - Low Speed (CFM)	300	300	300	300	300	300	350	350	350	380	380	450	450
Outside Airflow (CFM)	60			60	60	60	60	60	60	60		60	
O.A. with fan assist option (CFM)	110			110			110			110		110	
Weight (Lbs.)	130			134			134			134		137	

**SPECIFICATION NOTES:**  
 1. Cooling capacity rated @ EAT = 80/67 °F db/wb; Ambient = 95 °F db  
 2. Heating capacity rated @ EAT = 70/67 °F db/wb; Ambient = 47/43 °F db/wb  
 3. Heat pump operating disabled and electric heat enabled below 38°F (+/- 3 °F)