

R-32 Split System

Inverter Rooftop Package Heat Pump

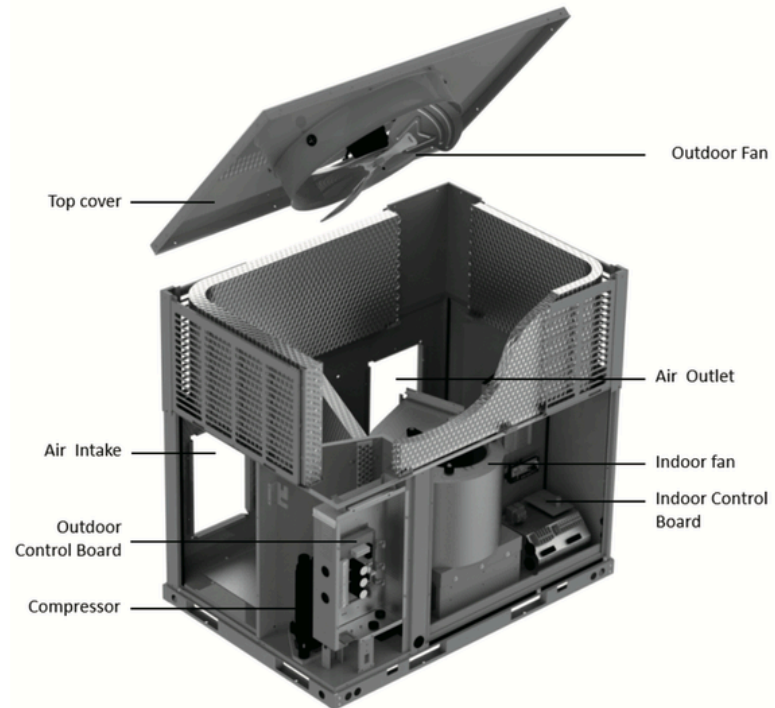
18.5-19 SEER2

2 to 5 Tons



Product Features

- ✓ Advanced DC Inverter Twin-Rotary Compressor technology continuously adjusts capacity for superior comfort, efficiency, and energy savings.
- ✓ Convertible airflow design supports both horizontal and downflow configurations, providing greater installation flexibility for new construction and replacement applications.
- ✓ Available in a 5-ton, 3-phase configuration, making it an ideal solution for commercial buildings requiring compatibility with common three-phase electrical service.
- ✓ Variable-speed indoor and outdoor motors deliver quieter operation and more precise temperature control.
- ✓ Durable outdoor cabinet construction engineered for long-term reliability and weather resistance.



Product Specifications



MODEL		AC-I-24-INV-HP-PKG	AC-I-36-INV-HP-PKG	AC-I-48-INV-HP-PKG	AC-I-60-INV-HP-PKG	AC-I-60-INV-HP-3PH-PKG
Power Supply(Volts; Hz; Phase)		208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,3Ph
Cooling Capacity	Btu/h	24000	34200	48000	55000	55000
Cooling Input	W	1967	3167	4286	5189	5189
Cooling Current	A	8.64	13.91	19.01	23.02	13.72
SEER2	Btu/h/W	19	18.5	19	18.5	18.5
EER2	Btu/h/W	12.2	10.8	11.2	10.6	10.6
Heating Capacity	Btu/h	25000	34200	48000	57000	57000
Heating Input	W	2100	2850	3840	4956	4956
Heating Current	A	9.23	12.52	17.04	21.99	13.12
HSPF2-4	Btu/h/W	9.5	8.2	9	8.8	8.8
HSPF2-5	Btu/h/W	7.8	6.5	7	6.9	6.9
COP	W/W	11.9	12.0	12.5	11.5	11.5
Heating(H32) Rated capacity	Btu/h	20400	18900	28000	34400	34400
Heating(H32) COP	W/W	2.35	2.16	2.3	2.28	2.28
Heating(H42) Rated capacity	Btu/h	25800	24400	44800	46000	46000
Heating(H42) COP	W/W	1.94	1.86	1.8	1.82	1.82
Cooling Capacity at 109 F (43°C)	Btu/h	24000	34200	48000	55000	55000
Cooling Capacity at 5F (-15°C)	Btu/h	24000	34200	48000	55000	55000
Heating Capacity at 17F (-8.33°C)	Btu/h	26000	26000	48000	48000	48000
Heating Capacity at 5F(-15°C)	Btu/h	25800	24400	44800	46000	46000
Heating Capacity at -4F (-20°C)	Btu/h	21200	21200	38500	39500	39500
MINIMUM CIRCUIT AMPACITY	A	25.9	29.65	38.95	41.45	26.45
MAX.FUSE	A	40	45	60	60	45
Communication Wiring		AWG 25×3 Shielded	AWG 25×3 Shielded	AWG 25×3 Shielded	AWG 25×3 Shielded	AWG 25×3 Shielded
Indoor Indoor fan motor RLA	A	3.8	3.8	5.4	5.4	5.4
Outdoor Outdoor fan motor RLA	A	2.1	2.1	2.1	2.1	2.1
Outdoor Compressor Rated current(RLA)	A	16.0	19.0	23.0	27.0	15.0
Indoor air flow	CFM	860	1120	1680	1710	1710
Outdoor air flow	CFM	3200	3200	4300	4300	4300
Noise level	dB(A)	73	74	74	75	75
N.A. Design pressure	PSI	609/174	609/174	609/174	609/174	609/174
Outdoor Refrigerant type		R32	R32	R32	R32	R32
Outdoor Refrigerant charge	oz	102.3	102.3	169.3	169.3	169.3
Outdoor Throttle type		EXV	EXV	EXV	EXV	EXV
Outdoor Operating Temp. Range(Cooling)	°F	23~125	23~125	23~125	23~125	23~125
Outdoor Operating Temp. Range(Heating)	°F	-4~86	-4~86	-4~86	-4~86	-4~86
Net/Gross weight	lb	415/428	415/428	551/569	551/569	551/569
Unit Dimension W×D×H	inch	50-45/64×35-3/64×46-27/32	50-45/64×35-3/64×46-27/32	51-9/16×44-13/16×51-7/16	51-9/16×44-13/16×51-7/16	51-9/16×44-13/16×51-7/16
Package Dimension W×D×H	inch	51-27/64×35-43/64×48-11/32	51-27/64×35-43/64×48-11/32	52-9/32×45-7/16×51-21/32	52-9/32×45-7/16×51-21/32	52-9/32×45-7/16×51-21/32
Indoor Fan Motor Model		DQ-ZKSD-370-10-6	DQ-ZKSD-370-10-6	DQ-ZKSD-560-10-5	DQ-ZKSD-560-10-5	DQ-ZKSD-560-10-5
Indoor Output	W	370	370	560	560	560
Outdoor Fan Motor Model		DQ-DRN-310-200-8-A	DQ-DRN-310-200-8-A	DQ-DRN-310-200-8-A	DQ-DRN-310-200-8-A	DQ-DRN-310-200-8-A
Outdoor Fan Motor Output	W	200	200	200	200	200
Outdoor Compressor Type		DC Inverter Twin-rotary	DC Inverter Twin-rotary	DC Inverter Twin-rotary	DC Inverter Twin-rotary	DC Inverter Twin-rotary
Outdoor Compressor Model		KTM240D57UMT	KTM240D57UMT	KTQ420D41SN5A1	KTQ420D41SN5A1	KTQ420D41SN5A1
Outdoor Compressor Brand		GMCC	GMCC	GMCC	GMCC	GMCC
Outdoor Compressor Capacity	W	7715	7715	13000	13000	13000
Outdoor Compressor Input Power	W	2085	2085	3430	3430	3430
Outdoor Compressor Rated current	A	9.45	9.45	6.8	6.8	6.8
Outdoor Refrigerant oil		VG74	VG74	VG74	VG74	VG74
Outdoor Refrigerant oil charge	mL	670	670	1000	1000	1000