

INVERTER HEAT PUMP

- 10 to 30 Kw
- 1/2HP or 1HP motor available
- large CFM selection
- 300 to 500 CFM by ton
- Perfect for replacement



Performance up to



Heating

Up to

20 SEER
IN COOLING



10.5 HSPF
IN HEATING



OPERATING MODE

- Cooling / heating / dehumidifying / fan & auto

NOMINAL CAPACITY

- 24000 / 36000 / 48000 / 54000 BTU/hr

INDOOR UNIT

- Compact space saving design, perfect for installation with space limitation such as Net-Zero house.
- Compatible with most standard 24V thermostat in the market.

OUTDOOR UNIT

- Adopts inverter compressor, efficiency is up to 20 SEER & 10.5HSPF.
- Installation similar to traditional air conditioner, few training sessions needed for experienced installers.

CONTROL

- Adopt GREE 2-stage compression, EVI technology, small performance decline at extremely hot or cold areas.
- Ultra heat - strong heating at low ambient temperature: 100% heating capacity down to -5°F (-20°C), 78% heating capacity down to -22°F (-30°C)*.
- Ultra cool - strong cooling at high ambient temperature: 100% cooling capacity up to 115°F (46°C), 78% cooling capacity up to 130°F (54°C).
- Inverter technology quieter, more comfortable and more energy savings.

APPLICATION

- Are targeted at the North America market and mainly applied to villas, office buildings, supermarkets, hotels, restaurants, etc.

PERFECT FOR THE REPLACEMENT MARKET



Self-diagnosis



Comprehensive protection



High ESP



Wide operation range



High efficiency



Intelligent defrosting



Energy saving function



Inner groove copper

Maximum piping length		2 tons	3 tons	4 tons	5 tons
Maximum refrigerant pipe length between IDU and ODU	m (ft.)	50 (164)	50 (164)	50 (164)	50 (164)
Maximum vertical height difference between IDU and ODU	m (ft.)	15 (49.2)	15 (49.2)	15 (49.2)	15 (49.2)

Item	Nominal operating condition (temperature)				Operating range (temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	°F / °C	°F / °C	°F / °C	°F / °C	°F / °C
Cooling	95 / 35	75 / 23.9	80 / 26.7	67 / 19.4	5-125.6/-15-52
Heating	47 / 8.3	43 / 6.1	70 / 21.1	60 / 15.6	-22-75 / -30-24

Product #	GUD36W/A-D(U)				GUD60W/A-D(U)	
Technical performance						
Capacity range	Ton	2	3	4	5	
Capacity	Cooling	Btu/hr	24 000	36 000	48 000	54 000
	Heating	Btu/hr	24 000	36 000	48 000	54 000
Power supply	V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	
SEER	-	20	18	17	17	
EER	-	11.5	11	10.5	10.5	
HSPF	-	10.5	10	10	10	
MCA	A	18	24	36	40	
MOP	A	20	35	45	50	
Refrigerant charge volume	Lbs	9.3	9.3	12.3	12.3	
Sound pressure level	dB(A)	60	62	64	65	
Connecting pipe	Liquid	in.	3 / 8	3 / 8	3 / 8	3 / 8
	Gas	in.	3 / 4	3 / 4	3 / 4	3 / 4
Dimension (W x D x H)	in.	37 x 19 x 32-1/2	37 x 19 x 32-1/2	39-3/8 x 14-5/8 x 53-3/4	39-3/8 x 14-5/8 x 53-3/4	
Used heating power input	Nominal	W	1020	1100	1730	2000
	Min. - max.	W	160-1350	400 - 1400	580 - 2600	450 - 3000
Net weight / Gross weight	Lbs	217.2 / 240.4	217.2 / 240.4	304 / 328	304 / 328	
Temperature operating range for cooling	°F/°C	5 to 125.6 / -15 to 48	5 to 125.6 / -15 to 48	5 to 125.6 / -15 to 48	5 to 125.6 / -15 to 48	
Temperature operating range for heating	°F/°C	-22 to 75.2 / -3 to 24	-22 to 75.2 / -3 to 24	-22 to 75.2 / -3 to 24	-22 to 75.2 / -3 to 24	