

INVERTER **R-32**



GTHT Series

Stabilizer Inside

Dual Comfort

Available in

Cooling (kW)	3.5, 5.0, 6.0	IDU Colour: White
Heating (kW)	3.5, 5.0, 5.5	



Heating function till 4°C ambient



Econo mode



Coanda airflow



Indoor unit quiet operation



Self diagnosis

Specifications

Model name		Indoor unit	GTHT35TV16XZ	GTHT50TV16UZ	GTHT60TV16UZ	
Power supply		Outdoor unit	RHTG35TV16XZ	RHTG50TV16UZ	RHTG60TV16UZ	
Power supply			1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)	1φ 50Hz 230V (220-240V)	
Power supply intake			Outdoor unit	Outdoor unit	Outdoor unit	
Cooling capacity Rated Full/Half(min.~max.)		kW	3.5/1.75 (1.75~3.5)	5.0/2.5 (2.5~5.0)	6.0/3.0(2.5~6.0)	
		Btu/h	11900/6000 (6000~11900)	17100/8500 (8500~17100)	20500/10240 (8500~20500)	
Heating capacity Rated Full/Half (min.~max.)		kW	3.5/1.75 (1.75~3.5)	5.0/2.5 (2.5~5.0)	5.5/2.75(2.5~5.5)	
		Btu/h	11900/6000 (6000~11900)	17100/8500 (8500~17100)	18800/9400 (8500~18800)	
Power consumption Rated Full/Half (min.~max.)		Cooling	W	1110 /468(468-1110)	1850/588 (588-1850)	1970/780 (588~1970)
		Heating	W	1110 /468(468-1110)	1850/588 (588-1850)	1700/700 (588~1700)
EER		Cooling	W/W	3.15	2.70	3.05
Voltage Range		Cooling	V	160-265	160-265	160-265
		Heating	V	160-265	160-265	160-265
Operating current		Cooling	A	4.87	8.15	8.67
		Heating	A	4.87	8.15	7.48
Indoor unit						
Panel colour			White	White	White	
Dimensions (H x W x D)		mm	283x800x198	298x885x229	298x885x229	
(Package dimensions)			(340 x 855 x 265)	(375 x 980 x 325)	(375 x 980 x 325)	
Weight (Gross)		kg	8 (12)	11(16)	11 (16)	
Airflow rate *1 X(Y)		Cooling	m ³ /min.	9.6	16.2	16.3
		Heating	m ³ /min.	9.6	16.2	16.3
Operation sound H/M/ML/L/SL		Cooling	dB(A)	40/36/32/29/26	45/42/40/38/35	47/45/43/40/38
		Heating	dB(A)	40/36/32/29/26	45/42/40/38/35	47/45/43/40/38
Outdoor unit						
Dimensions (H x W x D)		mm	550x765x285	595x845x300	595x845x300	
Package dimensions (H x W x D)			(642x932x380)	(680x1035x410)	(680x1035x410)	
Weight (Gross)		kg	27(34)	35(43)	36(44)	
Operation sound H/SL		Cooling	dB(A)	51/--	54/--	56/--
		Heating	dB(A)	51/--	54/--	56/--
Refrigerant (Quantity)		kg	R32(0.56kg)	R32 (0.68kg)	R32 (1.03kg)	
Breaker size		A	15	20	20	
Piping length		Charge-less	m	10	10	
		Max. length	m	20	30	
		Max. height	m	15	20	
Piping connection		Gas/Liquid	mm	φ9.5/φ6.4	φ12.7 / φ6.4	φ12.7 /φ6.4
Operation limit		Cooling	°CDB	19.4~50	19.4~50	19.4~50
		Heating	°CDB	4~24	4~24	4~24
Loading Quantity		40 HQ Container	Sets	220	160	160

Measurement conditions:

- Cooling capacity is based on: indoor temp. 27° CDB, 19° CWB; outdoor temp. 35° CDB, piping length 5 m.
- Sound levels are based on temperature conditions 1. above with 5m piping length. These are anechoic conversion values. These values are normally somewhat higher during actual operation as a result of ambient conditions.
Cooling and heating capacities above are rounded off to first decimal. 1TR (Ton of Refrigeration) = ~3.517 kilowatt.
For the complete feature list please refer page 25.