



CARE OF ENVIRONMENT

R-32 refrigerant has 70% less potential global warming than R410A, and does not affect the ozone layer

	R-32	R410A	R22
Potential of exhaustion of Ozone	0	0	0,05
Potential of heating global	675	2.090	1.810

Features

- Timer
- Sleep Mode
- Backlit Remote
- 360° Air Flow
- Dust Filter
- Hot/Cold
- LED Display
- Auto Swing
- Golden Fin
- R-32 Refrigerant

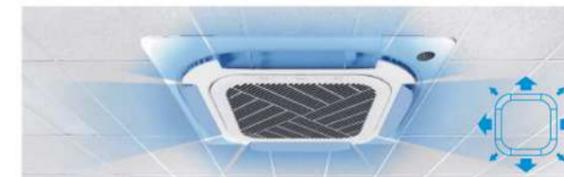
Appearance



Outdoor Unit 6000Btu/h

360° Round Flow

Unique seamless airflow louver design allows cool air to diffuse and sink in 360°, offering uniform cooling experience throughout the space.



MODEL		TOS-24HRDN8-R TOU-24HDN8-R	TOS-36HRDN8-R TOU-36HDN8-RI	TOS-60HRDN8-R TOU-60HDN8-R
Power supply (Indoor)	V- Ph-Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220_240V_1Ph, FREQUENCY_50HZ
Power supply (Outdoor)	V- Ph-Hz	220_240V_1Ph, FREQUENCY_50HZ	220_240V_1Ph, FREQUENCY_50HZ	380_415V_3Ph, FREQUENCY_50HZ
Cooling	Capacity	Btu/h 24000	36000	60000
	Input	W 2320	3500	6560
	Current	A 10.2	16	15.0
	EER	W/W 3.03	3.01	3
	Capacity	Btu/h 26000	38000	60000
Heating	Input	W 1900	2900	5280
	Current	A 8.5	12.7	12.0
	COP	W/W 4.01	3.84	3.33
	Rated Power Input	W 3700	5200	7300
Rated Current	A 19	22.5	16.0	
Starting current	A /	0	0	0
Indoor fan motor	Model	ZKFN-45-8-1	ZKFN-125-8-1	YKT-80-6-6
	Qty	1	1	1
	Input	W /	157	157
	Capacitor	uF /	5	5
	Speed(Hi/Mi/Lo)	r/min 608/552/496	700/630/570	760/690/610
	a.Number of rows	2	3	3
	b.Tube pitch(a)x row pitch(b)	mm 21x13.37	21x13.37	21x13.37
Indoor coil	c.Fin spacing	mm 1.3	1.3	1.3
	d.Fin type (code)	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm 2135x168x26.74	2135x210x40.11	980x252x40.11+980x252x40.11
	g.Number of circuits	4	10	10
	Indoor air flow (Hi/Mi/Lo)	m3/h 1247/1118/992	1700/1530/1300	2170/1950/1730
	Indoor noise level (Hi/Mi/Lo)	dB(A) 45/42.5/37	50/47/44	54.5/52/49.5
Throttle type	/	Outdoor unit throttling	Outdoor unit throttling	Outdoor unit throttling
	Dimension(W*D*H)(body)	mm 830x830x205	830x830x245	830x830x287
Indoor unit	Dimension (W*D*H)(panel)	mm 950x950x55	950x950x55	950x950x55
	Packing (W*D*H)(body)	mm 910x910x250	910x910x290	910x910x330
	Packing (W*D*H)(panel)	mm 1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight(body)	kg 21.6/25.4	27.2/31.2	30.7/34.8
	Net/Gross weight(panel)	kg 6/9	6/9	6/9
	Drainage water pipe dia	mm ODΦ25mm	ODΦ25mm	ODΦ25mm
Qty/per 20' /40' /40'HQ	Indoor unit 108/234/260	96/208/234	84/182/208	
Compressor	Model	KTM240D46UKT2	KTM240D46UKT2	KTQ420D1UMU
	Type	ROTARY	ROTARY	ROTARY
	Brand	GMCC	GMCC	GMCC
	Capacity	W 4780/7600	4780/7600	13700
	Input	W 805/2045	805/2045	3700
	Rated current(RLA)	A 4.15/9.30	4.15/9.30	7.02
	Locked rotor Amp(LRA)	A 0	0	0
	Thermal protector	None	None	INT01L-4639
	Thermal protector position	NA	NA	EXTERNAL
	Capacitor	μF 0	0	0
Refrigerant oil/oil charge	ml VG74 620	VG74 620	VG74/1400	
Outdoor fan motor	Model	ZKFN-80-8-3	ZKFN-120-8-2	ZKFN-250-10-1
	Qty	System automatic query	System automatic query	System automatic query
	Input	W /	150	150
	Capacitor	uF /	0	0
Outdoor coil	Speed	r/min 830/550	950/550	850/400
	a.Number of rows	1.6	2	2
	b.Tube pitch(a)x row pitch(b)	mm 21x22	25.4x22	21x22
	c.Fin spacing	mm 1.3	1.3	1.3
	d.Fin type (code)	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm 900*609*22+540*609*22	995x762x44	990*924*44
Outdoor noise level	g.Number of circuits	5	8	12
	dB(A) 60	62	64	
Throttle type	/	(EXV+Throttle valve)	(Throttle valve)	(EXV+Throttle valve)
	Dimension(W*D*H)	mm 890x342x673	946x410x810	980x415x975
Outdoor unit	Packing (W*D*H)	mm 995x398x740	1090x500x885	1145x500x1080
	Net/Gross weight	kg 41.9/45.2	54.5/59	85.6/99.8
	Refrigerant type	kg R32/1.4	R32/2.05	R32/2.6
Design pressure	MPa 4.3/1.7	4.3/1.7	4.3/1.7	
	Liquid side/ Gas side	mm(inch) 9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
Refrigerant piping	Max. refrigerant pipe length	m 50	30	50
	Max. difference in level	m 25	20	30
Thermostat type	Remote Control	Remote Control	Remote Control	
Operation temperature	°C 17~30	17~30	17~30	
	Room temperature	Indoor(cooling/ heating) °C 16~32/0~30	16~32/0~30	16~32/0~30
	Outdoor(cooling/heating) °C -15~50/-20~24	-15~50/-15~24	-15~50/-15~24	



Inverter Quattro

The exclusive TechnoStar inverter Quattro™ technology empowers TechnoStar inverter compressor to be one of the best AC compressors in the world. Under all conditions, TechnoStar inverter compressors operate powerfully, efficiently, speedily, and steadily at the same time

NEW REFRIGERANT GAS