

Specs

MODEL		TOS-12HRNI-R/TOU-12HNI-R	TOS-18HRNI-R/TOU-18HNI-R	TOS-24HRNI-R/TOU-24HNI-R	TOS-36HRNI-R/TOU-36HNI-R
Power supply (Indoor)	V-Ph-Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz	220-240V,1Ph, 50Hz
Power supply (Outdoor)	V-Ph-Hz	220_240V_1Ph, FREQUENCY_50HZ	220_240V_1Ph, FREQUENCY_50HZ	220_240V_1Ph, FREQUENCY_50HZ	220_240V_1Ph, FREQUENCY_50HZ
Cooling (Standard conditions)	Capacity	Btu/h 12000	18000	24000	36000
	Input	W 1095	1920	2600	3900
	Current	A 4.8	8.5	11.3	18.0
	EER	W/W 3.21	2.75	2.71	2.71
Heating (Standard conditions)	Capacity	Btu/h 13000	19000	26000	38000
	Input	W 1180	1700	2200	3800
	Current	A 5.3	7.5	9.6	17.5
	COP	W/W 3.23	3.28	3.46	2.93
Rated Power Input	W	1650	2900	3700	5200
Rated Current	A	8	15	18	23.0
Starting current	A	25	38	54.9	89
Indoor fan motor	Model	YKT-27-4-6	YKT-27-4-6	YKT-30-6-1	YKT-65-6-3
	Qty	1	1	1	1
	Input	W 86.7	86.7	/	/
	Capacitor	uF 12	2	3	5
	Speed(Hi/Mi/Lo)	r/min 670/530/440	850/685/583	620/480/410	670/560/470
Indoor coil	a.Number of rows	1	2	2	2
	b.Tube pitch(a)x row pitch(b)	mm 21x1337	21x1337	21x1337	21x1337
	c.Fin spacing	mm 1.3	1.3	1.3	1.3
	d.Fin type (code)	Hydrophilic aluminum	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	φ7,Inner groove tube
	f.Coil length x height x width	mm 1380x210x1337	1360x210x2674	2135x168x2674	2135x210x2674
	g.Number of circuits	3	4	4	5
	Indoor air flow (Hi/Mi/Lo)	m3/h 612/477/388	730/570/470	1300/1000/820	1940/1580/1260
Indoor unit	Indoor noise level (Hi/Mi/Lo)	dB(A) 41/36/33	45/42/38	45.5/40/37.5	53/49/45
	Throttle type	/	/	/	/
	Dimension(W*D*H)(body)	mm 570x570x260	570x570x260	830x830x205	830x830x245
	Dimension (W x Dx H)(panel)	mm 647x647x50	647x647x50	950x950x55	950x950x55
	Packing (W*D*H)(body)	mm 655x655x290	655x655x290	910x910x250	910x910x290
	Packing (W x Dx H)(panel)	mm 715x715x123	715x715x123	1035x1035x90	1035x1035x90
	Net/Gross weight(body)	kg 15/17.8	16.4/19.4	22.2/26.2	25.9/30.7
	Net/Gross weight(panel)	kg 2.5/4.5	2.5/4.5	6/9	6/9
	Drainage water pipe dia	mm ODφ25mm	ODφ25mm	ODφ25mm	ODφ25mm
	Qty per 20' /40' /40HQ	Indoor unit	234/488/566	234/488/566	108/234/260
Compressor	Model	ASMI40V1VDZ	PA215M2A5-7KTL6	KTG275V2VMP	ATG420V1SMT
	Type	ROTARY	ROTARY	ROTARY	Twin-ROTARY
	Brand	GMCC	GMCC	GMCC	GMCC
	Capacity	W 4060/4060	6245	8470	10435/10525
	Input	W 955/995	1530	2015	3520/3755
	Rated current(RLA)	A 4.35/4.20	6.9	9.2	16.35/17.25
	Locked rotor Amp(LRA)	A 25.0	38	55	89
	Thermal protector	UP3-21/HPA-522	UP3-64H/HPA-732H	/	UP14QE3105
	Thermal protector position	INTERNAL	INTERNAL	INTERNAL	INTERNAL
	Capacitor	μF 35	50	65	90
Refrigerant oil/oil charge	ml	ESTER OIL VG74/320	ESTEL OIL VG74/620	VG74 750ml	ESTER OIL VG75-1250
Outdoor fan motor	Model	YKT-48-6-219-1	YKT-48-6-219-1	YKT-65-6-240L	YKS-190-6-21L
	Qty	/	/	/	/
	Input	W /	/	135	293.3
	Capacitor	uF 2.5	3	5	10
	Speed	r/min 890	890	825	850/770
Outdoor coil	a.Number of rows	1	1.6	1.6	2
	b.Tube pitch(a)x row pitch(b)	mm 21x22	21x1337	21x1337	25.4x22
	c.Fin spacing	mm 1.3	1.4	1.3	1.3
	d.Fin type (code)	Hydrophilic aluminum	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	φ9.52,Inner groove tube
	f.Coil length x height x width	mm 870x504x22	875*504*1337*525*504*1337	900*609*2674	995x762x44
	g.Number of circuits	2	2	5	4
	Outdoor noise level	dB(A) 55	58.5	60	63.5
Outdoor unit	Throttle type	/	Capillary	Throttle valve	Throttle valve
	Dimension(W*D*H)	mm 805x330x554	805x330x554	890x342x673	946x410x810
	Packing (W*D*H)	mm 915x370x615	915x370x615	995x398x740	1090x500x885
	Net/Gross weight	kg 32.3/34.9	37.8/40.4	52.9/55.9	75.6/80.4
	Refrigerant type	kg R410A/0.85	R410A/1.3	R410A/2.0	R410A/2.8
Design pressure	MPa 4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	
Refrigerant piping	Liquid side/ Gas side	mm(inch) 6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/19mm(3/4in)
	Max. refrigerant pipe length	m 15	25	25	30
	Max. difference in level	ft 8	15	15	20
Thermostat type	Operation temperature	Remote Control 17~30	Remote Control 17~30	Remote Control 17~30	Remote Control 17~30
	Room temperature	Indoor(cooling/ heating) 17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30
Room temperature	Outdoor(cooling/heating)	18~43/-7~24	18~43/-7~24	18~43/-7~24	18~43/-7~24
	Qty per 20' /40' /40HQ	Outdoor unit	114/234/312	114/234/312	99/198/198



Commercial series

Standard Features

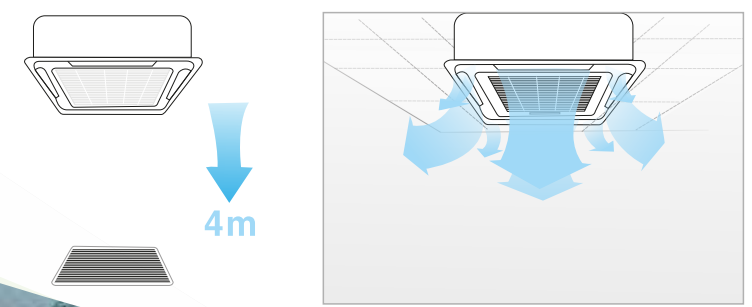
- Auto Defrosting
- Auto Restart Function
- Anti-Cold Air Function
- Independent Dehumidification
- Timer
- Built-in Drain Pump
- Sleep Mode
- Slim Design
- Air Flow Panel
- Wide-angle Air flow

Optional Features

- Auxiliary Electric Heater
- Low Ambient Cooling
- Wired Controller
- Fresh Air

Lifting Easy-Clean(Optional) & 360° Air Flow Panel

The removable lifting panel makes the clean process much easier. And with the 360° air flow system, distributing comfort to every corner of the room.



Super Slim Design

300mm