

2020

Air Conditioners



TQSDT

Cares
for you and your
surroundings

BRAND PROFILE

TOSOT is a high-end air conditioner sub-brand developed by Gree Electric Appliances, a world-famous home appliances enterprise. Supported by Gree's powerful R&D strength and innovative industrial spirit, TOSOT has got a complete industry chain of residential air conditioners, central air conditioners and compressors, etc. All TOSOT products are released to global consumers simultaneously with Gree products.

Gree Electric Appliances, as the world's largest specialized air conditioning listed enterprise integrating R&D, manufacturing, marketing and service, has 7 production bases in China (Zhuhai, Chongqing, Hefei, Zhengzhou, Wuhan, Shijiazhuang, Wuhu), another 2 in Brazil and Pakistan, with more than 70,000 employees. In 2013, Gree's sales revenue exceeded 19 billion USD. Gree has been ranked on the Fortune Magazine as one of the Top 100 Chinese listed companies for 12 consecutive years. Gree's air conditioners are being sold in over 100 countries and regions. Since 2005, Gree has topped No.1 in production and sales volume for 9 consecutive years, with over 300 million users all around the world. TOSOT enjoys more than 30,000 sales service outlets and more than 30,000 after-sales service professionals from Gree throughout the world, building a sales and service channel from all aspects.

Since 2005, TOSOT was debuted into the international market and enjoys a good reputation. By 2014, TOSOT has built up a high-end brand image in dozens of countries in Asia, Europe, Americas, Africa and etc., and gained an advantage in market share.

With the technology innovation, TOSOT endeavors to improve quality and service, providing a better living solution and user experience.

TOSOT, cares for you and your surroundings.

Contents

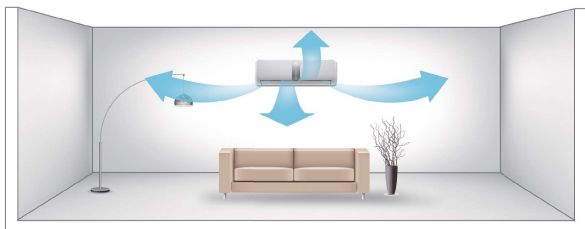
05	Sapphire Ultra Heat Single Zone Ductless System
08	Lomo 16-23 Seer Single Zone Ductless System
14	Multi Zone 21 Ductless System
20	Ultra Heat Multi Zone Ductless System
26	Super + Multi Zone Ductless System
32	Unix Ducted System

"Turbo" Cooling



Press "Turbo" button on remote controller to enjoy a larger air flow, which enables the indoor temperature to reach the set temp in a shorter time.

4-way Air Outlet



The louver can be vertically or horizontally adjusted so as to maximize comfort in the room.

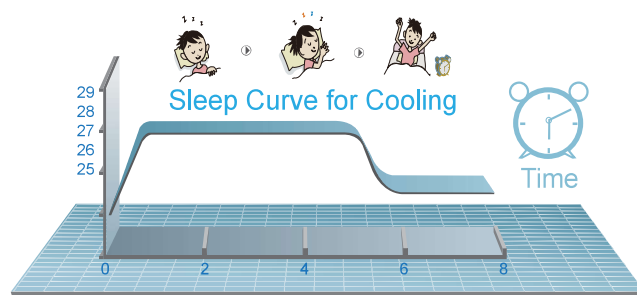
7 Fan Speeds

From super low to turbo, choose desired air flow.



3 Sleep Curves

■ Temperature



■ Temperature



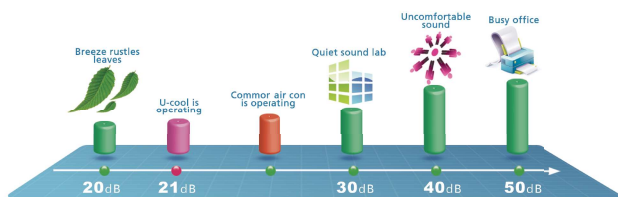
Mode 1: Indoor temperature automatically rises (when cooling) or drops (when heating).

Mode 2: Featuring unique refreshment function, the temperature is automatically adjusted to be a little lower before you wake up.

Mode 3: You could design your own sleep curve under DIY mode.

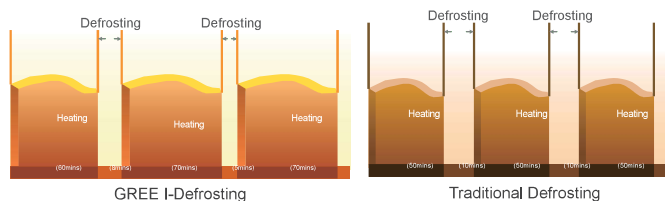


Low Noise



Noise lowers to 21dB and makes you feel like staying on the moon.

Intelligent Defrosting



Maximize warm comfort with shorter defrosting time

Traditional defrosting works by setting time. E.g. defrosting process is on for 10 mins for every 50 mins.

Gree I-Defrosting only performs when needed. So it reduces energy waste by eliminating unnecessary defrosting process.

Functions for Low Ambient Temperature



8°C(46°F) Heating

Maintain the room temperature steady at 8°C(46°F) and prevent the room from freezing by heating operation when nobody is at home for long in server weather

■ -15°C(5°F) Cooling

Cooling at -15°C(5°F) while keep a reliable operation. As the outdoor temperature changes, the compressor's frequency and fan speed adjust accordingly

■ -20°C(-4°F) Cooling

Operate well when heating at -20°C(-4°F). It is supported by Gree's electrical heating chassis, pre-heating technology and frequency adjusting compressor.

Cold Air Prevention

The copper pipe will be heated in advance so the air will not be blown out until it reaches the set temperature.

SAPPHIRE



- Ultra heating** • -22° F Heating, 80% HEATING CAPACITY.
-4° F Heating, 100% HEATING CAPACITY.
- Smart WiFi** • Even though you are not in the room, you can remotely control the air conditioner via mobile phone, tablet computer or other mobile devices.
- Turbo cooling** • Press “Turbo” button on remote controller to enjoy a larger air flow, which enables the indoor temperature to reach the set temp in a shorter time.
- High efficiency** • Capacity 9000 Btu/h
Seer 38.0

 Timer	 Automatic Operation	 Auto Clean	 LED Display	 Intelligent Defrosting	 Compact Design	 Clock Display	 Turbo Button
 Comfortable Sleep Mode	 Cold Air Prevention	 Self-diagnosis	 Auto Restart	 Lock	 -4°F Cooling	 -22°F Heating	
 Healthy Filters	 Golden Fin	 Wired Controller	 I Feel				

Features: ○ Standard ● Optional



*Apply to selected units.



Model			TW09HQ3D6D(WIFI)	TW12HQ3D6D(WIFI)	TW18HQ3D6D(WIFI)	TW24HQ3D6D(WIFI)
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9000	12000(2900~15300)	18000(4094~21837)	22000(6800~30700)
	Heating	Btu/h	9000	12200(3100~18800)	18000(4094~24566)	24000(6800~32000)
Energy Efficiency		SEER/HSPF	38/15	30.5/14	24.5/12	21.5/12
Power Supply		Ph,V,Hz	1Ph/208~230V/60Hz	1Ph/208~230V/60Hz	1Ph/208~230V/60Hz	1Ph/208~230V/60Hz
Power Input	Cooling	W	540	784	1330	1700(450~3700)
	Heating	W	590	940	1500	2000(380~3700)
Rated Current	Cooling	A	3.05	6.5	10.8	16.4
	Heating	A	3.15	6.9	14.3	16.4
Airflow Volume	Indoor	m³/h	720/650/600/550/ 500/450/350	850/800/750/600/ 550/450/400	1250/1150/1050/950/ 850/780/600	1400/1300/1200/1100/ 1000/850/650
Indoor Unit						
Sound Pressure Level	Indoor	dB(A)(SH/H/ MH/M/ML/L/SL)	43/40/38/36/33/31/19	49/46/43/40/37/34/22	51/48/45/42/39/36/34	54/49/46/43/40/37/34<27>
Outline Dimension	WxHxD	mm	970×300×225	996×301×225	1101×327×249	1080×325×245
		inch	38-1/4x11-3/4x8-7/8	39-1/4×11-7/8×8-7/8	43-3/8×12-7/8×9-3/4	42-1/2×12-3/4×9-5/8
Package Dimension	WxHxD	mm	1041×378×311	1060×380×322	1148×413×350	1145×400×330
		inch	41×14-7/8×12-1/4	41-3/4×15×12-5/8	45-1/4×16-1/4×13-3/4	45-1/8×15-3/4×13
Net Weight /Gross Weight	Indoor	Kg	13.5/16.5	13.5/16.5	16.5/20	16/19.5
		lb	29.8/36.4	29.8/36.4	36.4/44.1	35.3/43
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	53	53	59	59
Piping Connection	Vapor	mm/inch	Φ12/1/2"	Φ12/1/2"	Φ16/5/8"	Φ16/5/8"
	Liquid	mm/inch	Φ6/1/4"	Φ6/1/4"	Φ6/1/4"	Φ6/1/4"
Outline Dimension	WxHxD	mm	899×596×378	899×596×378	980×790×427	980×790×427
		inch	35-3/8×23-1/2×14-7/8	35-3/8×23-1/2×14-7/8	38-5/8×31-1/8×16-3/4	38-5/8×31-1/8×16-3/4
Package Dimension	WxHxD	mm	948×420×645	948×420×645	1083×488×855	1083×488×855
		inch	37-3/8×16-1/2×25-3/8	37-3/8×16-1/2×25-3/8	42-5/8×19-1/8×33-5/8	42-5/8×19-1/8×33-5/8
Net Weight/Gross Weight	Outdoor	Kg	45/48	45/48	64/69	67/72
		lb	99.2/105.8	99.2/105.8	141.1/152.1	147.7/158.8
Loading Quantity	40'GP	sets	156	156	87	86
	40'HQ	sets	180	180	107	108

※Gree reserves the right to modify the specifications without prior notice.Please confirm the final specifications with sales representatives.

LOMO





Hidden display

Hidden temperature display on a classy high gloss surface.

Smart WiFi

Even though you are not in the room, you can remotely control the air conditioner via mobile phone, tablet computer or other mobile devices.

Golden fin for high anti-corrosive (optional)

The salt spray proofing and anti-corrosion ability of gold fin is greatly enhanced and is almost twice stronger than other anti-corrosion products, reaching the world leading level.

Intelligent auto restart

Upon power is resumed after power failure, the units in the whole building will not be restarted at the same time to avoid impact of electricity net. (Especially suitable for engineering project)



Timer



Automatic Operation



Auto Clean



LED Display



Intelligent Defrosting



Wifi Control



Clock Display



'Turbo' Button



Comfortable Sleep Mode



Self-diagnosis



Auto Restart



Lock



0 °F Cooling



-4 °F Heating



46.4 °F Heating



I Feel



Healthy Filters



Golden Fin



Wired Controller



Cold Air Prevention

Features: Standard Optional

23 SEER



*Apply to selected units.

Model			TW09HQ2C2A (WIFI)	TW12HQ2C2A (WIFI)	TW09HQ2C2D (WIFI)	TW12HQ2C2D (WIFI)
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9000(2764~10918)	12000(3514~14569)	9000(3099~9599)	12000(3099~12999)
	Heating	Btu/h	9900(2081~13989)	12200(2764~16582)	11000(1911~12000)	13000(2400~14000)
Energy Efficiency		SEER/HSPF	23.0/10.5	22.0 /10.2	23.0/10.5	22.0/11
Power Supply		Ph,V,Hz	1Ph,115V,60Hz	1Ph,115V,60Hz	1Ph,208/230,60Hz	1Ph,208/230,60Hz
Power Input	Cooling	W	700(100~1270)	923(170~1300)	630(160~1300)	960(200~1350)
	Heating	W	930(140~1200)	990(170~1350)	1020(160~1350)	1100(400~1400)
Rated Current	Cooling	A	11.27	11.54	5.8	6.0
	Heating	A	10.65	11.98	6.0	6.3
AirflowVolume	Indoor	m³/h	640/490/410/290	680/490/410/290	640/490/410/290	680/490/410/290
Indoor Unit						
Sound Pressure Level	Indoor	dB(A) (SH/H/M/L)	43/38/32/26	45/40/34/28	43/39/35/29	45/39/35/29
Outline Dimension	W×H×D	mm	845×289×209	845×289×209	845×289×209	845×289×209
		inch	33-1/4×11-3/8×8-1/4	33-1/4×11-3/8×8-1/4	33-1/4×11-3/8×8-1/4	33-1/4×11-3/8×8-1/4
Package Dimension	W×H×D	mm	921×379×281	921×379×281	921×379×281	921×379×281
		inch	36-1/4×14-7/8×11-1/8	36-1/4×14-7/8×11-1/8	36-1/4×14-7/8×11-1/8	36-1/4×14-7/8×11-1/8
Net Weight /Gross Weight	Indoor	Kg	10.5/12.5	10.5/12.5	10/12	10/12
		lb	23.2/27.6	23.2/27.6	22.05/26.46	22.1/26.5
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	53	53	53	54
Piping Connection	Vapor	mm/inch	Φ9.52/3/8"	Φ12/1/2"	Φ9.52/3/8"	Φ12/1/2"
	Liquid	mm/inch	Φ6/1/4"	Φ6/1/4"	Φ6/1/4"	Φ6/1/4"
Outline Dimension	W×H×D	mm	848×540×320	848×592×320	848×540×320	848×592×320
		inch	33-3/8×21-1/4×12-5/8	33-3/8×23-1/4×12-5/8	33-3/8×21-1/4×12-5/8	33-3/8×23-1/4×12-5/8
Package Dimension	W×H×D	mm	881×595×363	881×645×363	881×595×363	881×645×363
		inch	34-5/8×23-3/8×14-1/4	34-5/8×25-3/8×14-1/4	34-5/8×23-3/8×14-1/4	34-5/8×25-3/8×14-1/4
Net Weight/Gross Weight	Outdoor	Kg	32.5/35	35/38	35.5/38	39/42
		lb	71.6/77.17	77.2/83.8	78.2/83.7	85.9/92.6
Loading Quantity	40' GP	sets	196	196	196	196
	40' HQ	sets	240	226	240	226

23 SEER



*Apply to selected units.

Model			TW18HQ2C2D (WIFI)	TW24HQ2C2D (WIFI)	TW30HQ2B4D (WIFI)	TW36HQ2B4D (WIFI)
Function			Cooling/Heating	Cooling /Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	18000(6800~20000)	22000(6800~27300)	28000(9500~30000)	36000(6000~36000)
	Heating	Btu/h	19800(7340~23500)	23000(6800~30700)	28400(9000~33000)	34600(15000~36000)
Energy Efficiency		SEER/HSPF	20.0/10	20.0/10.0	18/9	18/9
Power Supply		Ph.V.Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Power Input	Cooling	W	1435(450~2150)	1760(450~3000)	2700(600~3900)	4100(650~4300)
	Heating	W	1730(580~2600)	2000(450~3000)	2800(650~4000)	3800(650~4300)
Rated Current	Cooling	A	10.39	14.49	17	20
	Heating	A	12.56	14.49	17.5	20
AirflowVolume	Indoor	m³/h	950/830/700/570	1200/1100/1000/900	1200/1050/900/700	1250/1100/900/700
Indoor Unit						
Sound Pressure Level	Indoor	dB(A) (SH/H/M/L)	47/43/40/39	48/44/40/36	52/48/43/35	54/49/44/37
Outline Dimension	W×H×D	mm	970×300×224	1078×325×246	1350×326×253	1350×326×253
		inch	38-1/4×11-3/4×8-7/8	42-1/2×12-3/4×9-5/8	53-1/8×12-7/8×10	53-1/8×12-7/8×10
Package Dimension	W×H×D	mm	1041×320×383	1148×350×413	1441×358×421	1441×358×421
		inch	41×12-5/8×15-1/8	45-1/4×13-3/4×16-1/4	56-3/4×14-1/8×16-5/8	56-3/4×14-1/8×16-5/8
Net Weight /Gross Weight	Indoor	Kg	12.5/15.5	15.5/19	19/23.5	19/23.5
		lb	27.6/34.2	34.2/41.9	41.9/51.8	41.9/51.8
Outdoor Unit						
Sound Pressure Level	Outdoor	dB(A)	55	59	62	65
Piping Connection	Vapor	mm/inch	Φ16/5/8"	Φ16/5/8"	Φ16/5/8"	Φ16/5/8"
	Liquid	mm/inch	Φ6/1/4"	Φ6/1/4"	Φ6.35/1/4"	Φ6.35/1/4"
Outline Dimension	W×H×D	mm	955×700×396	980×790×427	980×790×427	980×790×427
		inch	37-5/8×27-1/2×15-5/8	38-5/8×31-1/8×16-3/4	38-5/8×31-1/8×16-3/4	38-5/8×31-1/8×16-3/4
Package Dimension	W×H×D	mm	1029×750×458	1083×855×488	1083×855×488	1083×855×488
		inch	40-1/2×29-1/2×18	42-5/8×33-5/8×19-1/4	42-5/8×33-5/8×19-1/4	42-5/8×33-5/8×19-1/4
Net Weight/Gross Weight	Outdoor	Kg	48/52.5	64.5/69.5	70/75	73/78
		lb	105.8/115.8	142.2/153.2	154.4/165.4	161/169.8
Loading Quantity	40' GP	sets	127	87	78	78
	40' HP	sets	146	107	99	99

※Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

18 SEER



*Apply to selected units.



Apply to selected units.

Capacity: 9000, 9500

Model		Unit	TW09HQ3C2A(WIFI)	TW09HQ3C2D(WIFI)
Function		--	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9000	9000
	Heating	Btu/h	9500	9500
Energy Efficiency		SEER/HSPF	18/9	18/9
Power Supply		Ph,V,Hz	1/115/60	1/208~230/60
Power Input	Cooling	W	900	850
	Heating	W	870	850
Rated Current	Cooling	A	10.87	4
	Heating	A	10.36	3.8
Airflow Volume		Indoor m³/h	540/490/410/290	540/490/410/290
Indoor Unit				
Sound Pressure Level		Indoor	dB(A)(SH/H/ML)	43/38/34/28
Outline Dimension	W×H×D	mm	790×275×200	790×275×200
		inch	31-1/8×10-7/8×7-7/8	31-1/8×10-7/8×7-7/8
Package Dimension	W×H×D	mm	866×367×271	866×367×271
		inch	34-1/8×14-1/2×10-5/8	34-1/8×14-1/2×10-5/8
Net Weight /Gross Weight	Indoor	Kg	9.5/13.5	9.5/11.5
		lb	20.9/25.4	20.9/25.4
Outdoor Unit				
Sound Pressure Level		Outdoor	dB(A)	52
Piping Connection	Vapor	mm/inch	9.52/3/8"	9.52/3/8"
	Liquid	mm/inch	6/1/4"	6/1/4"
Outline Dimension	W×H×D	mm	848×540×320	776×540×320
		inch	33-3/8×21-1/4×12-5/8	30.551×21.26×12.598
Package Dimension	W×H×D	mm	881×595×363	851x595x363
		inch	34-5/8×23-3/8×14-1/4	33-1/2x23-3/8x14-1/4
Net Weight /Gross Weight	Outdoor	Kg	28.5/31	30/32.5
		lb	62.8/68.4	66.15/71.66
Loading Quantity	40'GP	sets	210	210
	40'HQ	sets	254	254

18 SEER



*Apply to selected units.



Model			TW12HQ3C2A(WIFI)	TW12HQ3C2D(WIFI)
Function			Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	12000	12000
	Heating	Btu/h	13000	13000
Energy Efficiency		SEET/HSPF	18/9	18/9
Power Supply		Ph,V,Hz	1Ph-115-240V~,60Hz	1Ph-208-230V~,60Hz
Power Input	Cooling	W	1193	1150
	Heating	W	1250	1250
Rated Current	Cooling	A	13.5	6
	Heating	A	13.8	6.7
Airflow Volume	Indoor	m³/h	680/540/410/330	680/540/410/330
Indoor Unit				
Sound Pressure Level	Indoor	dB(A)(SH/H/ML)	43/39/35/29	43/39/35/29
Outline Dimension	WxHxD	mm	845×289×209	845×289×209
		inch	33-1/4×11-3/8×8-1/4	33-1/4×11-3/8×8-1/4
Package Dimension	WxHxD	mm	921×379×281	921×379×281
		inch	36-1/4x14-7/8x11-1/8	36-1/4x14-7/8x11-1/8
Net Weight /Gross Weight	Indoor	Kg	10.0/12.5	10.5/12.5
		lb	22.0/27.6	23.1/27.6
Outdoor Unit				
Sound Pressure Level	Outdoor	dB(A)	53	53
Piping Connection	Vapor	mm/inch	9.52 / 3/8"	9.52 / 3/8"
	Liquid	mm/inch	6 / 1/4"	6 / 1/4"
Outline Dimension	WxHxD	mm	848×540×320	776×540×320
		inch	33-3/8×21-1/4×12-5/8	30-1/2×21-1/4×12-5/8
Package Dimension	WxHxD	mm	881×595×363	823×595×358
		inch	34-5/8×23-3/8×14-1/4	32-3/8×23-3/8×14-1/8
Net Weight/Gross Weight	Outdoor	Kg	30.5/33	31.5/34
		lb	67.3/72.8	69.5/75.0
Loading Quantity	40' GP	sets	196	212
	40' HQ	sets	240	245

※ Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

18 SEER



*Apply to selected units.



Model			TW18HQ3C2D(WFI)	TW24HQ3C2D(WFI)
Function			Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	18000	22000
	Heating	Btu/h	19000	24000
Energy Efficiency		SEER/HSPF	18/9	18/10.00
Power Supply		Ph,V,Hz	1Ph,208-230V,60Hz	1,208-230V,60Hz
Power Input	Cooling	W	1920	2010
	Heating	W	2000	2130
Rated Current	Cooling	A	11.54	12
	Heating	A	12	10.2
Airflow Volume	Indoor	m³/h	850	1200/1050/900/750
Indoor Unit				
Sound Pressure Level	Indoor	dB(A)(SH/H/ML)	47/44/41/36	49/46/42/36
Outline Dimension	WxHxD	mm	970x300x224	1078x325x246
		inch	38-1/4x11-3/4x8-7/8	42-1/2x12-3/4x9-5/8
Package Dimension	WxHxD	mm	1041x383x320	1148x413x350
		inch	41x15-1/8x12-5/8	45-1/4x16-1/4x13-3/4
Net Weight /Gross Weight	Indoor	Kg	13.5/16.5	17/20.5
		lb	29.8/36.4	37.5/40.2
Outdoor Unit				
Sound Pressure Level	Outdoor	dB(A)	56	58
Piping Connection	Vapor	mm/inch	Φ12/1/2"	Φ16/5/8"
	Liquid	mm/inch	Φ6/1/4"	Φ6/1/4"
Outline Dimension	WxHxD	mm	955x700x396	955x700x396
		inch	37-5/8x27-1/2x15-5/8	37-5/8x27-1/2x15-5/8
Package Dimension	WxHxD	mm	1029x750x458	1029x750x458
		inch	40-1/2x29-1/2x18	40-1/2x29-1/2x18
Net Weight/Gross Weight	Outdoor	Kg	43.5/48	47/51.5
		lb	95.9/105.8	103.6/113.6
Loading Quantity	40' GP	sets	127	118
	40' HQ	sets	146	131

- 1、The product with * is under development, and the parameters are estimated , please refer to the value on nameplates.
 2、Gree reserves the right to modify the specifications without prior notice.Please confirm the final specifications with sales representatives.

18 SEER



*Apply to selected units.



Model			TW30HQ2B4D	TW36HQ2B4D
Function			Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	28000(9485.36~30025.6)	33600(7404.04~35996.6)
	Heating	Btu/h	28400(9997~32994)	34600(14979~35997)
Energy Efficiency		SEER/HSPF	18/9	18/9
Power Supply		Ph,V,Hz	1Ph-115-240V~,60Hz	1Ph-208-230V~,60Hz
Power Input	Cooling	W	2700(600~3900)	4100(450~4300)
	Heating	W	2800(650~4000)	3800(560~4300)
Rated Current	Cooling	A	11.5	17
	Heating	A	12	16.5
Airflow Volume	Indoor	m³/h	1200/1050/900/700	1250/1100/900/700/0
Indoor Unit				
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	56/53/46/41	56/53/46/41
Outline Dimension	WxHxD	mm	1350×326×253	1350×326×253
		inch	53-1/8×12-7/8×10	53-1/8×12-7/8×10
Package Dimension	WxHxD	mm	1441×421×358	1441×421×358
		inch	56-3/4×16-5/8×14-1/8	56-3/4×16-5/8×14-1/8
Net Weight /Gross Weight	Indoor	Kg	19/23.5	19/23.5
		lb	41.9/51.8	41.9/51.8
Outdoor Unit				
Sound Pressure Level	Outdoor	dB(A)	62	65
Piping Connection	Vapor	mm/inch	Φ16/5/8"	Φ16/5/8"
	Liquid	mm/inch	Φ6/1/4"	Φ6/1/4"
Outline Dimension	WxHxD	mm	980×790×427	980×790×427
		inch	38-5/8×31-1/8×16-3/4	38-5/8×31-1/8×16-3/4
Package Dimension	WxHxD	mm	1083×488×855	1083×488×855
		inch	42-5/8×19-1/4×33-5/8	42-5/8×19-1/4×33-5/8
Net Weight/Gross Weight	Outdoor	Kg	70/75	73/78
		lb	154.35/165.375	161.0/171.99
Loading Quantity	40' GP	sets	78	78
	40' HQ	sets	99	99

※ Gree reserves the right to modify the specifications without prior notice.Please confirm the final specifications with sales representatives.

16 SEER



*Apply to selected units.

Model			TW09HQ1C2A(WIFI)	TW12HQ1C2A(WIFI)	TW24HQ1C2D(WIFI)
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9000(2800~11000)	12000(3753-12500)	22000(8600~23000)
	Heating	Btu/h	9600(2100~12300)	13000(3412-15013)	23000(8600~26000)
Energy Efficiency		SEER/HSPF	16/9	16/9	16/9
Power Supply		Ph,V,Hz	1Ph,115V,60Hz	1Ph,115V,60Hz	1Ph,208/230V,60Hz
Power Input	Cooling	W	895(350~1270)	1193(380~1300)	2260(600~2700)
	Heating	W	853(280~1250)	1250	2300(650~2750)
Rated Current	Cooling	A	11.27	13	12
	Heating	A	10.65	13.2	12.2
Airflow Volume	Indoor	m³/h	540/490/410/290	680/540/410/330	1200/1100/1000/900
Indoor Unit					
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	42/38/34/28	43/39/35/29	48//44/40/36
Outline Dimension	W×H×D	mm	790×275×200	845×289×209	1078×325×242
		inch	31-1/8×10-7/8×7-7/8	33-1/4×11-3/8×8-1/4	42-1/2×12-3/4×9-1/2
Package Dimension	W×H×D	mm	866×367×271	921×379×281	1148×350×413
		inch	34-1/8×14-1/2×10-5/8	36-1/4×14-7/8×11-1/8	45-1/4×13-3/4×16-1/4
Net Weight /Gross Weight	Indoor	Kg	9/11	10/12.5	17/20.5
		lb	19.8/24.3	22.1/27.6	37.5/45.2
Outdoor Unit					
Sound Pressure Level	Outdoor	dB(A)	50	53	59
Piping Connection	Vapor	mm/inch	Φ9.52/3/8"	Φ9.52/3/8"	Φ16/5/8"
	Liquid	mm/inch	Φ6/1/4"	Φ6/1/4"	Φ6.35/1/4"
Outline Dimension	W×H×D	mm	782×540×320	848×540×320	955×700×396
		inch	30-3/4×21-1/4×12-5/8	33-3/8×21-1/4×12-5/8	37-5/8×27-1/2×15-5/8
Package Dimension	W×H×D	mm	823×358×600	881×595×363	1029×750×458
		inch	32-3/8×14-1/8×23-5/8	34-5/8×23-3/8×14-1/4	40-1/2×29-1/2×18
Net Weight/Gross Weight	Outdoor	Kg	26.5/29	30.5/33	50/54.5
		lb	58.4/63.9	67.3/72.8	110.2/120.1
Loading Quantity	40'GP	sets	210	196	118
	40'HQ	sets	254	240	131

16 SEER



*Apply to selected units.

Model			TW09HQ1C2D(WIFI)	TW12HQ1C2D(WIFI)	TW18HQ1C2D(WIFI)	TW30HQ1B4D	TW36HQ1B4D
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9000(3100~9600)	12000(3753~12500)	18000(7165~20000)	28000(9500~30000)	33600(7400~36000)
	Heating	Btu/h	9500(3100~12000)	13000(3924~14000)	19000(7336~23498)	28400(10000~33000)	34600(15000~36000)
Energy Efficiency		SEER/HSPF	16/9	16/9	16/9	16/8.2	16/8.2
Power Supply		Ph,V,Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Power Input	Cooling	W	900(375~1300)	1300(410~1350)	1920(570~2600)	2700(350~3900)	3900(450~4300)
	Heating	W	800(300~1350)	1250(380~1500)	2000(580~2600)	2800(450~4000)	3800(560~4300)
Rated Current	Cooling	A	5.8	6	11.5	11.5	17
	Heating	A	6	6.7	11.5	12	16.5
Airflow Volume	Indoor	m³/h	540/490/410/290	680/540/410/330	850/658/580/480	1200/1050/900/700	1250/1100/900/700
Indoor Unit							
Sound Pressure Level	Indoor	dB(A)(SH/H/M/L)	43/38/34/28	45/39/35/29	46/42/39/35	56/53/46/41	56/53/46/41
Outline Dimension	W×H×D	mm	790×275×200	845×289×209	970×300×224	1350×326×253	1350×326×253
		inch	31-1/8×10-7/8×7-7/8	33-1/4×11-3/8×8-1/4	38-1/4×11-3/4×8-7/8	53-1/8×12-7/8×10	53-1/8×12-7/8×10
Package Dimension	W×H×D	mm	866×367×271	921×379×281	1041×320×383	1441×358×421	1441×358×421
		inch	34-1/8×14-1/2×10-5/8	36-1/4×14-7/8×11-1/8	41×12-5/8×15-1/8	56-3/4×14-1/8×16-5/8	56-3/4×14-1/8×16-5/8
Net Weight /Gross Weight	Indoor	Kg	9/11	10.5/13	13.5/16.5	19/26	19/26
		lb	19.8/24.3	23.2/28.7	27.6/34.2	41.9/57.3	41.9/57.3
Outdoor Unit							
Sound Pressure Level	Outdoor	dB(A)	52	53	56	62	65
Piping Connection	Vapor	mm/inch	Φ9.52/3/8"	Φ9.52/3/8"	Φ12/1/2"	Φ16/5/8"	Φ16/5/8"
	Liquid	mm/inch	Φ6.35/1/4"	Φ6.35/1/4"	Φ6.35/1/4"	Φ6/1/4"	Φ6/1/4"
Outline Dimension	W×H×D	mm	776×540×320	776×540×320	955×700×396	980×790×427	980×790×427
		inch	30-1/2×21-1/4×12-5/8	30-1/2×21-1/4×12-5/8	37-5/8×27-1/2×15-5/8	38-5/8×31-1/8×16-3/4	38-5/8×31-1/8×16-3/4
Package Dimension	W×H×D	mm	823×358×595	851×363×595	1029×750×458	1083×855×488	1083×855×488
		inch	32-3/8×14-1/8×23-3/8	32-3/8×14-1/8×23-3/8	40-1/2×29-1/2×18	42-5/8×33-5/8×19-1/4	42-5/8×33-5/8×19-1/4
Net Weight/Gross Weight	Outdoor	Kg	30/32.5	30/32.5	43.5/48	70/74	73/77
		lb	66.2/71.7	66.2/71.7	95.9/105.8	154.4/163.2	161.0/169.8
Loading Quantity	40'GP	sets	223	210	127	78	78
	40'HQ	sets	256	240	146	99	99

※The product with * is under development, and the parameters are estimated, please refer to the value on nameplates.

MULTI ZONE 21



Various Combinations

- ▼ Different units for choices, the same comfortable feeling for you.

G10 Inverter Technology

- ▼ Lower power consumption
- Lower noise, more comfort
- Precise temperature control

Low Temperature Operation

- ▼ Operate finely when cooling at 5 °F



Timer



High efficiency



Comprehensive protection



Compact design



Intelligent Defrosting



Easier maintainability



Inner groove copper



'Turbo' function



Wide operation range



Self-diagnosis



Memory function



Lock



Wide voltage range



Low voltage startup



Weekly timer



Wired Controller



Centralized control



Long-distance monitoring

Features:  Standard  Optional

Capacity Index(BTU/h)			9000	12000	18000	24000
Wall mounted	Sapphire					
	Lomo					
Duct type						
Cassette type						
Floor ceiling type						
Console type						

Item	Nominal operating condition(temperature)				Operation range(temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB(°F)	WB(°F)	DB(°F)	WB(°F)	DB(°F)
Cooling	95	75	80	67	23~118
Heating	47	43	70	60	-5~75

4 Combinations

	One unit		Two units	
	9	9+9	9+12	
	12	-	-	

11 Combinations

	Two units		Three units	
	9+9	9+12	9+9+9	9+12+12
	9+18	12+12	9+9+12	9+9+18
	12+18	18+18	12+12+12	-

	Two units		Three units		Four units
	9+9	12+21	9+9+9	12+12+12	9+9+9+9
	9+12	12+24	9+9+12	12+12+18	9+9+9+12
	9+18	18+18	9+9+18	-	-
	9+21	18+21	9+9+21	-	-
	9+24	18+24	9+9+24	-	-
	12+12	21+21	9+12+18	-	-
	12+18	-	9+12+21	-	-

41 Combinations

	Two units		Three units		Four units	Five units
	9+9	12+24	9+9+9	9+12+24	9+9+9+9	9+9+9+9+9
	9+12	18+18	9+9+12	9+18+18	9+9+9+12	9+9+9+9+12
	9+18	18+21	9+9+18	9+18+21	9+9+9+18	-
	9+21	18+24	9+9+21	12+12+12	9+9+9+21	-
	9+24	21+21	9+9+24	12+12+18	9+9+12+12	-
	12+12	21+24	9+12+12	12+12+21	9+9+12+18	-
	12+18	24+24	9+12+18	12+12+24	9+12+12+12	-
	12+21	-	9+12+21	12+18+18	12+12+12+12	-

44 Combinations

	Two units		Three units		Four units	Five units
	9+9	18+18	9+9+9	9+18+18	9+9+9+9	9+9+9+9+9
	9+12	18+21	9+9+12	9+18+21	9+9+9+12	9+9+9+9+12
	9+18	18+24	9+9+18	12+12+12	9+9+9+18	-
	9+21	21+21	9+9+21	12+12+18	9+9+9+21	-
	9+24	21+24	9+9+24	12+12+21	9+9+12+12	-
	12+12	24+24	9+12+12	12+12+24	9+9+12+18	-
	12+18	-	9+12+18	12+18+18	9+12+12+12	-
	12+21	-	9+12+21	12+18+21	9+12+12+18	-
	12+24	-	9+12+24	12+18+21	12+12+12+12	-

Outdoor Unit

Model	Heat Pump		TM18H4O	TM24H4O	TM30H4O	TM36H4O	TM42H3O
Capacity	Cooling	Btu/h	18000(6998-21001)	24000(7500-33000)	28400(8189-33438)	34000(8871-35826)	39000(8871-40944)
	Heating	Btu/h	19000(7000-22600)	26000(7500-27978)	30000(8189-32414)	42500(8871-44356)	45004(8871-46062)
Energy Efficiency		SEER/HSPF	22.00/10.5	21.00/10.5	21.00/10.5	21.00/10.5	21/10.2
Power Supply		Ph,V,Hz	1Ph,208/230,60Hz	1Ph,208/230,60Hz	1Ph,208/230V,60Hz	1Ph,208/230,60Hz	1Ph,208/230V,60Hz
Power Input	Cooling	W	1.44	1.92	2.27	2.72	3.74
	Heating	W	1.52	2.05	2.35	3.37	3.65
Refrigerant charge volume		kg	1.6	2.20	2.8	3.65	3.65
Airflow Volume		m³/h	3200	4000	4000	7700	7700
Sound Pressure Level		dB(A)(SH/H/M/L)	56	59	59	61	61
Outline Dimension(WxDxH)	Outline	Inch	37-5/8x15-5/8x27-1/2	38-5/8x16-3/4x31-1/8	38-5/8x16-3/4x31-1/8	42-3/4x17-3/8x43-3/8	42-3/4x17-3/8x43-3/8
	Package	Inch	40-1/2x18x29-1/2	42-5/8x19-1/4x33-5/8	42-5/8x19-1/4x33-5/8	45-5/8x19-3/8x48-5/8	45-5/8x19-3/8x48-5/8
Net Weight /Gross Weight		Kg	52.0/56.5	69.5/74.5	70.0/77.0	90.0/98.0	90.0/98.0
Connecting pipe diameter	Vapor	Inch	3/8	3/8	3/8	3/8	3/8
	Liquid	Inch	1/4	1/4	1/4	1/4	1/4
Max. equivalent connection pipe length		Ft	32	65	82	82	82
Maximum drive IDU NO.		unit	2	3	4	5	5
Loading Quantity		40'GP/40'HQ	sets	171/171	96/144	96/144	48/48
							44/86

Sapphire Wall Mounted Indoor Unit



Model			TW09HQ3D6DI(WIFI)	TW12HQ3D6DI(WIFI)	TW18HQ3D6DI(WIFI)	TW24HQ3D6DI(WIFI)
Capacity	Cooling	Btu/h	9000	12000(2900~15354)	18000(4094~21837)	22000(6800~30700)
	Heating	Btu/h	9000	12200(3071~18766)	18000(4094~24566)	24000(6800~32000)
Power Supply		Ph,V,Hz	1Ph/208~230V/60Hz	1Ph/208~230V/60Hz	1Ph/208~230V/60Hz	1Ph/208~230V/60Hz
Airflow Volume		m³/h	720/650/600/550/500/450/350	850/800/750/600/550/450/400	1250/1150/1050/950/850/780/600	1400/1300/1200/1100/1000/850/650
Sound Pressure Level		Indoor dB(A)	43/40/38/36/33/31/19	49/46/43/40/37/34/22	51/48/45/42/39/36/34	54/49/46/43/40/37/34<27>
Connecting pipe	Vapor	Inch	3/8	1/2	5/8	5/8
	Liquid	Inch	1/4	1/4	1/4	1/4
Outline Dimension		WxHxD	38-1/4x11-3/4x8-7/8	39-1/4x11-7/8x8-7/8	43-3/8x12-7/8x9-3/4	42-1/2x12-3/4x9-5/8
Package Dimension		WxHxD	41x14-7/8x12-1/4	41-3/4x15x12-5/8	45-1/4x16-1/4x13-3/4	45-1/8x15-3/4x13
Net Weight /Gross Weight		Indoor Kg	13.5/16.5	13.5/16.5	16.5/20	16/19.5
Loading Quantity	40'GP	sets	156	156	87	86
	40'HQ	sets	180	180	107	108

Lomo Wall Mounted Indoor Unit



Model			TW09HQ2C2DI(WIFI)	TW12HQ2C2DI(WIFI)	TW18HQ2C2DI(WIFI)	TW24HQ2C2DI(WIFI)
Capacity	Cooling	Btu/h	9000(3099~9599)	12000(3100~13000)	18000(6800~20000)	22000(6824~27296)
	Heating	Btu/h	11000(1911~12000)	13000(2400~14000)	19800(7340~23500)	23000(6824~30708)
Power Supply		Ph,V,Hz	1Ph,208/230,60Hz	1Ph,208/230,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Airflow Volume		m³/h	640/490/410/290	680/490/410/290	950/830/700/570	1200/1100/1000/900
		CFM	376/288/241/170	400/288/241/171	559/488/412/335	706/647/588/530
Sound Pressure Level		dB(A)	43/39/35/29	45/39/35/29	47/43/40/39	48/44/40/36
Connecting pipe	Vapor	Inch	3/8	1/2	5/8	5/8
	Liquid	Inch	1/4	1/4	1/4	1/4
Outline Dimension		WxHxD	33-1/4x11-3/8x8-1/4	33-1/4x11-3/8x8-1/4	38-1/4x11-3/4x8-7/8	42-1/2x12-3/4x9-5/8
Package Dimension		WxHxD	36-1/4x14-7/8x11-1/8	36-1/4x14-7/8x11-1/8	41x15-1/8x12-5/8	45-1/4x16-1/4x13-3/4
Net Weight /Gross Weight		Indoor Kg	10/12	10/12	12.5/15.5	15.5/19
Loading Quantity	20GP	set	300	300	230	172
	40'HQ/40'GP	set	728/624	728/624	557/489	402/346



Floor Ceiling Type Indoor Unit

Model			TM09HTDI	TM12HTDI	TM18HTDI	TM24HBDI
Capacity	Cooling	Btu/h	8500	11900	17000	22800
	Heating	Btu/h	9500	13100	18700	27400
Power Supply		Ph/V/Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Airflow Volume		m³/h	700/610/540/420	700/610/540/420	680/590/520/410	950/870/800/720
Sound Pressure Level		dB(A)	38/35/30/26	38/35/30/26	38/35/30/27	38/35/31/27
Piping Connection	Liquid	Inch	1/4	1/4	1/4	3/8
	Vapor	Inch	3/8	1/2	1/2	5/8
Panel Dimension(WxHxD)	Outline	Inch	34-1/4x26-1/8x9-1/4	34-1/4x26-1/8x9-1/4	34-1/4x26-1/8x9-1/4	47-1/4x26-1/8x9-1/4
	Package	Inch	40-5/8x30-3/8x11-3/4	40-5/8x30-3/8x11-3/4	40-5/8x30-3/8x11-3/4	53-5/8x30-3/8x11-3/4
Net Weight/Gross Weight		Kg	25/30	25/30	25.5/30.5	33/40
Loading Quantity	40'GP	sets	231	231	231	175
	40'HP	sets	264	264	264	200

4-Way Cassette Indoor Unit



Model			TM12HKDI	TM18HKDI	TM24HKDI
Capacity	Cooling	Btu/h	12000	14400	22800
	Heating	Btu/h	13000	16000	27400
Power Supply		Ph/V/Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Airflow Volume		m³/h	650/560/520/450	710/670/590/450	1280/1220/1100/880
Sound Pressure Level		dB(A)	44/41/38/34	47/45/41/35	47/45/41/36
Main body Dimension (WxHxD)	Outline	Inch	23-1/2x23-1/2x9-1/2	23-1/2x23-1/2x9-1/2	33-1/8x33-1/8x9-1/2
	Package	Inch	30-5/8x29x11-3/4	30-5/8x29x11-3/4	37-7/8x37-7/8x12-3/4
Panel Dimension(WxHxD)	Outline	Inch	26-3/8x26-3/8	26-3/8x26-3/8	37-3/8x2-3/8x37-3/8
	Package	Inch	30x4-1/8x30	30x4-1/8x30	40-5/8x5-1/4x40-7/8
Net Weight /Gross Weight (Main body)		Kg	20/24	20/24	26/32
Net Weight /Gross Weight (Panel)		Kg	3.5/5	3.5/5	7/11
Piping Connection	Liquid	Inch	1/4	1/4	3/8
	Vapor	Inch	3/8	1/2	5/8
Loading Quantity	40'GP	sets	329	329	168
	40'HP	sets	376	376	192

Low-static Duct Type Indoor Unit



Model			TM09HFDI	TM12HFDI	TM18HFDI	TM21HFDI	TM24HFDI
Capacity	Cooling	BTU/h	8500	11900	15700	20400	23800
	Heating	BTU/h	9550	13100	18700	22600	27400
Power supply		Ph/V/Hz	1Ph,220-240V,60Hz	1Ph,208 ~ 230V,60Hz	1Ph,208 ~ 230V,60Hz	1Ph,208 ~ 230V,60Hz	1Ph,208 ~ 230V,60Hz
Airflow volume		m³/h	450	550	700	1000	1000
		CFM	264,825	324	412	588,5	588,5
Sound pressure level(H/L)		dB(A)	37/31	39/32	41/33	42/34	42/34
Connecting pipe	Vapor	Inch	3/8	3/8	1/2	5/8	5/8
	Liquid	Inch	1/4	1/4	1/4	3/8	3/8
Dimension (W×H×D)	Outline	Inch	27-1/2x24-1/4x7-7/8	27-1/2x24-1/4x7-7/8	35-3/8x24-1/4x7-7/8	43-1/4x24-1/4x7-7/8	43-1/4x24-1/4x7-7/8
	Package	Inch	35-1/8x29-1/4x12	35-1/8x29-1/4x12	44-1/4x29-1/4x12	52-1/8x29-1/4x12	52-1/8x29-1/4x12
Net weight/Gross weight		kg	22/27	23/29	27/36	31/41	31/41
Loading quantity	20'GP	-	108	108	90	72	72
	40'GP/40'HQ	-	234/234	234/234	192/192	162/162	162/162

High-static Duct Type Indoor Unit



Model			TM09HSFDI	TM12HSFDI	TM18HSFDI	TM24HSFDI
Capacity	Cooling	BTU/h	9000	12000	18000	24000
	Heating	BTU/h	9500	13000	19000	27000
Power supply		Ph/V/Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Airflow volume		m³/h	430/360/320	490/420/360	700/530/490	950/770/690
		CFM	253/212/188	288/247/211.8	412/312/288	559/453/406
Sound pressure level(H/L)		dB(A)	36/30/27/25	38/33/29/26	39/33/29/26	42/36/32/28
Connecting pipe	Vapor	Inch	3/8	1/2	5/8	5/8
	Liquid	Inch	1/4	1/4	3/8	3/8
Dimension (W×H×D)	Outline	Inch	32-5/8x29-5/8x11-3/4	32-5/8x29-5/8x11-3/4	44-1/2x29-5/8x11-3/4	44-1/2x29-5/8x11-3/4
	Package	Inch	35-3/8x31-3/4x14-1/8	35-3/8x31-3/4x14-1/8	47-1/2x32x14-1/8	47-1/2x32x14-1/8
Net weight/Gross weight		kg	32/38	32/38	42/48,5	42/48,5
Loading quantity	20'GP	-	84	84	66	42/48,5
	40'GP/40'HQ	-	168/196	168/196	138/161	138/161



Console Type Indoor Unit

Model			TM09HEDI	TM12HEDI	TM18HEDI
Capacity	Cooling	BTU/h	8800	11900	18000
	Heating	BTU/h	9500	12900	19000
Power supply		Ph/V/Hz	1Ph,208/230,60Hz	1Ph,208/230,60Hz	1Ph,208/230,60Hz
Airflow volume		m³/h	500	600	650
		CFM	294	353	383
Sound pressure level(H/L)		dB(A)	40/38/36/33/30/27/25	42/40/38/37/35/32/27	48/46/44/41/37/35/32
Connecting pipe	Vapor	Inch	3/8	3/8	1/2
	Liquid	Inch	1/4	1/4	1/4
Dimension (W×H×D)	Outline	Inch	27-1/2x8-1/2x23-5/8	27-1/2x8-1/2x23-5/8	27-1/2x8-1/2x23-5/8
	Package	Inch	31x27-1/2x11-1/8	31x27-1/2x11-1/8	31x27-1/2x11-1/8
Net weight/Gross weight		kg	15/18	15/18	15/18
Loading quantity	20'GP	-	181	181	181
	40'GP/40'HQ	-	381/454	381/454	381/454

Controller

Product Series			Wall mounted type		Duct type	Cassette type	Floor ceiling type	Console type
			Sapphire	Lomo				
Controlling system	Wireless remote controller	SAA1FB1F						
		YAG1FBF	●					
		YAN1F1F		●				
		YB1FAF(X-Fan)						
		YAA1FB1F						●
		YT1F(moto)			●	●	●	
Wired controller		XK41/XK47		○				
		XK76		○	○	○	○	
		XK19			●	●	●	
Centralized controller		CE50-24/E		○	○	○	○	

● standard ○ optional

※ Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.

ULTRA HEAT MULTI ZONE



Various Combinations

- ▼ Different units for choices, the same comfortable feeling for you.

G10 Inverter Technology

- ▼ Lower power consumption
- Lower noise, more comfort
- Precise temperature control

Low Temperature Operation

- ▼ Operate finely when cooling at 5 °F



Timer



High efficiency



Comprehensive protection



Compact design



Intelligent Defrosting



Easier maintainability



Inner groove copper



'Turbo' function



Wide operation range



Self-diagnosis



Memory function



Lock



Wide voltage range



Low voltage startup



Weekly timer



Wired Controller



Centralized control



Long-distance monitoring

Features: ○ Standard ● Optional

Item	Normal operating condition(temperature)				Operating condition(temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB(°F)	WB(°F)	DB(°F)	WB(°F)	DB(°F)
Cooling	95	75.02	80.06	66.92	0~115
Heating	47	42.98	69.98	60.08	-31~75

 TM18H50	Two indoor units
	09+09
	09+12
	12+12

 TM24H50	Two indoor units		Three indoor units
	09+09	12+12	09+09+09
	09+12	12+18	09+09+12
	09+18	18+18	09+09+18
	/	/	09+12+12
	/	/	12+12+12

 TM36H50	Two indoor units		Three indoor units		Four indoor units	
	9+9	21+21	9+9+9	9+21+21	9+9+9+9	9+12+12+21
	9+12	21+24	9+9+12	9+21+24	9+9+9+12	12+12+12+12
	9+18	24+24	9+9+18	12+12+12	9+9+9+18	12+12+12+18
	9+21	/	9+9+21	12+12+18	9+9+9+21	/
	9+24	/	9+9+24	12+12+21	9+9+9+24	/
	12+12	/	9+12+12	12+12+24	9+9+12+12	/
	12+18	/	9+12+18	12+18+18	9+9+12+18	/
	12+21	/	9+12+21	12+18+21	9+9+12+21	/
	12+24	/	9+12+24	12+18+24	9+9+12+24	/
	18+18	/	9+18+18	12+21+21	9+9+18+18	/
	18+21	/	9+18+21	18+18+18	9+12+12+12	
	18+24	/	9+18+24	/	9+12+12+18	/

 TM42H50	Two indoor units		Three indoor units		Four indoor units		Five indoor units
	9+12	18+18	9+9+9	12+12+12	9+9+9+9	9+12+12+18	9+9+9+9+9
	9+18	18+21	9+9+12	12+12+18	9+9+9+12	9+12+12+21	9+9+9+9+12
	9+21	18+24	9+9+18	12+12+21	9+9+9+18	9+12+12+24	9+9+9+9+18
	9+24	21+21	9+9+21	12+12+24	9+9+9+21	9+12+18+18	9+9+9+9+21
	12+12	21+24	9+9+24	12+18+18	9+9+9+24	9+12+18+21	9+9+9+9+24
	12+18	24+24	9+12+12	12+18+21	9+9+12+12	9+12+18+24	9+9+9+12+12
	12+21	/	9+12+18	12+18+24	9+9+12+18	9+18+18+18	9+9+9+12+18
	12+24	/	9+12+21	12+21+21	9+9+12+21	12+12+12+12	9+9+9+12+21
	/	/	9+12+24	12+21+24	9+9+12+24	12+12+12+18	9+9+9+12+24
	/	/	9+18+18	12+24+24	9+9+18+18	12+12+12+21	9+9+9+18+18
	/	/	9+18+21	18+18+18	9+9+18+21	12+12+12+24	9+9+12+12+12
	/	/	9+18+24	18+18+21	9+9+18+24	12+12+18+18	9+9+12+12+18
	/	/	9+21+21	18+18+24	9+9+21+21	12+12+18+21	9+9+12+12+21
	/	/	9+21+24	18+21+21	9+9+21+24	/	9+12+12+12+12
	/	/	9+24+24	18+21+24	9+12+12+12	/	9+12+12+12+18
	/	/	/	/	/	/	12+12+12+12+12



TM48H50

Two indoor units	Three indoor units		Four indoor units		Five indoor units	Six indoor units
9+18	9+9+9	12+12+12	9+9+9+9	9+12+12+18	9+9+9+9+9	9+9+9+9+9+9
9+21	9+9+12	12+12+18	9+9+9+12	9+12+12+21	9+9+9+9+12	9+9+9+9+9+12
9+24	9+9+18	12+12+21	9+9+9+18	9+12+12+24	9+9+9+9+18	9+9+9+9+9+18
12+12	9+9+21	12+12+24	9+9+9+21	9+12+18+18	9+9+9+9+21	9+9+9+9+12+12
12+18	9+9+24	12+18+18	9+9+9+24	9+12+18+21	9+9+9+9+24	9+9+9+12+12+12
12+21	9+12+12	12+18+21	9+9+12+12	9+12+18+24	9+9+9+12+12	/
12+24	9+12+18	12+18+24	9+9+12+18	9+18+18+18	9+9+9+12+18	/
18+18	9+12+21	12+21+21	9+9+12+21	12+12+12+12	9+9+9+12+21	
18+21	9+12+24	12+21+24	9+9+12+24	12+12+12+18	9+9+9+12+24	
18+24	9+18+18	12+24+24	9+9+18+18	12+12+12+21	9+9+9+18+18	
21+21	9+18+21	18+18+18	9+9+18+21	12+12+12+24	9+9+12+12+12	seven indoor units
21+24	9+18+24	18+18+21	9+9+18+24	12+12+18+18	9+9+12+12+18	9+9+9+9+9+9+9
24+24	9+21+21	18+18+24	9+9+21+21	12+12+18+21	9+9+12+12+21	/
/	9+21+24	18+21+21	9+9+21+24	/	9+12+12+12+12	/
/	9+24+24	18+21+24	9+12+12+12	/	9+12+12+12+18	/
/	/	/	/	/	12+12+12+12+12	/

Outdoor Unit

Model			TM18H50	TM24H50	TM36H50	TM42H50	TM48H50
Capacity	Cooling	Btu/h	18000	22000	36000	42000	48000
	Heating	Btu/h	21000	26000	36000	42000	54000
SEER/HSPF			23/10.5	23/10.5	23/10	23/10	10/18
Power Supply		Ph/V/Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Power Input	Cooling	W	1450	1760	4020	4660	5430
	Heating	W	1710	2090	3300	3600	4950
Airflow Volume		m³/h	4300	4300	5200	5200	6000
Sound Pressure Level		dB(A)	58	60	62	62	56
Dimension(WxHxD)	Outline	Inch	39-1/2x31-1/8x16-3/4	39-1/2x31-1/8x16-3/4	42-3/4x43-3/8x17-3/8	42-3/4x43-3/8x17-3/8	35-3/8x53x13-3/8
	Package	Inch	42-5/8x33-5/8x19-1/4	42-5/8x33-5/8x19-1/4	45-5/8x48-5/8x19	45-5/8x48-5/8x19	39-1/4x59-5/8x18
Net Weight/Gross Weight		Kg	78/83	79/84	127/135	128/136	139/150
Piping Connection	Liquid	Inch	1/4	1/4	1/4	1/4	1/4
	Vapor	Inch	3/8	3/8	3/8	3/8	3/8
Max. equivalent Connection Pipe Length		Ft	82	82	82	82	229
Maximum drive IDU NO		unit	2	3	4	5	7
Loading Quantity	40'GP	sets	96	96	48	48	70
	40'HP	sets	144	144	96	96	135

Sapphire Wall Mounted Indoor Unit



Model			TW18HQ3D6DI	TW24HQ3D6DI
Function			Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	18000	22000
	Heating	Btu/h	18000	24000
Power Supply		Ph/V/Hz	1Ph,208~230V,60Hz	1Ph,208~230V,60Hz
Airflow Volume		m³/h	1250/1150/1050/950/850/780/600	1400/1300/1200/1100/1000/850/650
Sound Pressure Level		Indoor dB(A)	51/48/45/42/39/36/34	54/49/46/43/40/37/34
Dimension(WxHxD)	Outline	mm	1101x327x249	1080x325x245
		Inch	43-3/8x12-7/8x9-3/4	42-1/2x12-3/4x9-5/8
	Package	mm	1148x413x350	1145x400x330
		Inch	45-1/4x16-1/4x13-3/4	45-1/8x15-3/4x13
Piping Connection	Liquid	Inch	1/4	1/4
	Vapor	Inch	5/8	5/8
Net Weight/Gross Weight	Indoor	Kg	16.5/20	16/19.5
		lb	36.4/44.1	35.3/43
Loading Quantity	40'GP	sets	86	86
	40'HP	sets	105	105

Lomo Wall Mounted Indoor Unit



Model			TW09HQ2C2DI(WIFI)	TW12HQ2C2DI(WIFI)	TW18HQ2C2DI(WIFI)	TW24HQ2C2DI(WIFI)
Function			Cooling/Heating	Cooling/Heating	Cooling/Heating	Cooling/Heating
Capacity	Cooling	Btu/h	9000	12000	18000	22000
	Heating	Btu/h	11000	13000	19800	23000
Power Supply		Ph/V/Hz	1Ph,208~230V,60Hz	1Ph,208~230V,60Hz	1Ph,208~230V,60Hz	1Ph,208~230V,60Hz
Airflow Volume	Indoor	m³/h	640/490/410/290	680/490/410/29	950/830/700/570	1200/1100/1000/900
Sound Pressure Level	Indoor	dB(A)	43/39/35/29	45/39/35/29	47/43/40/39	48/44/40/36
Dimension(WxHxD)	Outline	mm	845×289×209	845×289×209	970×300×224	1078×325×246
		Inch	33-1/4×11-3/8×8-1/4	33-1/4×11-3/8×8-1/4	38-1/4×11-3/4×9-5/8	42-1/2×12-3/4×9-5/8
	Package	mm	921×379×281	921×379×281	1041×320×383	1148×350×413
		Inch	36-1/4×14-7/8×11-1/8	36-1/4×14-7/8×11-1/8	41×12-5/8×15-1/8	45-1/4×13-3/4×16-1/4
Piping Connection	Liquid	Inch	1/4	1/4	1/4	1/4
	Vapor	Inch	3/8	1/2	5/8	5/8
Net Weight/Gross Weight	Indoor	Kg	10/12	10/12	12.5/15.5	15.5/19
		lb	22.05/26.46	22.05/26.46	27.562/34.178	34.2/41.9
Loading Quantity	40'GP	sets	211	191	125	111
	40'HP	sets	252	218	142	128



4-Way Cassette Indoor Unit

Model			TM12HKDI	TM18HKDI	TM24HKDI
Capacity	Cooling	Btu/h	12000	14400	22800
	Heating	Btu/h	13000	16000	27400
Power Supply		Ph/V/Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Airflow Volume		m³/h	650/560/520/450	710/670/590/450	1280/1220/1100/880
Sound Pressure Level		dB(A)	44/41/38/34	47/45/41/35	47/45/41/36
Main body Dimension (WxHxD)	Outline	Inch	23-1/2x23-1/2x9-1/2	23-1/2x23-1/2x9-1/2	33-1/8x33-1/8x9-1/2
	Package	Inch	30-5/8x29x11-3/4	30-5/8x29x11-3/4	37-7/8x37-7/8x12-3/4
Panel Dimension(WxHxD)	Outline	Inch	26-3/8x26-3/8	26-3/8x26-3/8	37-3/8x2-3/8x37-3/8
	Package	Inch	30x4-1/8x30	30x4-1/8x30	40-5/8x5-1/4x40-7/8
Net Weight /Gross Weight (Main body)		Kg	20/24	20/24	26/32
Net Weight /Gross Weight (Panel)		Kg	3.5/5	3.5/5	7/11
Piping Connection	Liquid	Inch	1/4	1/4	3/8
	Vapor	Inch	3/8	1/2	5/8
Loading Quantity	40'GP	sets	329	329	168
	40'HP	sets	376	376	192



Floor Ceiling Type Indoor Unit

Model			TM09HTDI	TM12HTDI	TM18HTDI	TM24HTDI
Capacity	Cooling	Btu/h	8500	11900	17000	22800
	Heating	Btu/h	9500	13100	18700	27400
Power Supply		Ph/V/Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Airflow Volume		m³/h	700/610/540/420	700/610/540/420	680/590/520/410	950/870/800/720
Sound Pressure Level		dB(A)	38/35/30/26	38/35/30/26	38/35/30/27	38/35/31/27
Piping Connection	Liquid	Inch	1/4	1/4	1/4	3/8
	Vapor	Inch	3/8	1/2	1/2	5/8
Panel Dimension(WxHxD)	Outline	Inch	34-1/4x26-1/8x9-1/4	34-1/4x26-1/8x9-1/4	34-1/4x26-1/8x9-1/4	47-1/4x26-1/8x9-1/4
	Package	Inch	40-5/8x30-3/8x11-3/4	40-5/8x30-3/8x11-3/4	40-5/8x30-3/8x11-3/4	53-5/8x30-3/8x11-3/4
Net Weight/Gross Weight		Kg	25/30	25/30	25.5/30.5	33/40
Loading Quantity	40'GP	sets	231	231	231	175
	40'HP	sets	264	264	264	200



Low-static Duct Type Indoor Unit

Model			TM09HFDI	TM12HFDI	TM18HFDI	TM21HFDI	TM24HFDI
Capacity	Cooling	Btu/h	8500	11900	15300	20400	23800
	Heating	Btu/h	9500	13100	18700	22600	27400
Power Supply		Ph/V/Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Airflow Volume		m³/h	450/300/250/	550/400/300/	700/ /600/500	1000/750/550	1000/750/550
Sound Pressure Level		dB(A)	37/34/31	39/35/32	41/37/33/	42/38/34	42/38/34
Dimension(WxHxD)	Outline	Inch	27-1/2x24-1/4x7-7/8	27-1/2x24-1/4x7-7/8	35-3/8x24-1/4x7-7/8	43-1/4x24-1/4x7-7/8	43-1/4x24-1/4x7-7/8
	Package	Inch	35-1/8x29-1/4x12	35-1/8x29-1/4x12	44-1/4x29-1/4x12	52-1/8x29-1/4x12	52-1/8x29-1/4x12
Piping Connection	Liquid	Inch	3/8	3/8	1/2	5/8	5/8
	Vapor	Inch	1/4	1/4	1/4	3/8	3/8
Net Weight/Gross Weight		Kg	22/27	23/29	27/36	31/41	31/41
Loading Quantity	40'GP	sets	234	234	192	162	162
	40'HP	sets	234	234	192	162	162



High-static Duct Type Indoor Unit

Model			TM09HSFDI	TM12HSFDI	TM18HSFDI	TM24HSFDI
Capacity	Cooling	BTU/h	9000	12000	18000	24000
	Heating	BTU/h	9500	13000	19000	27000
Power supply		Ph/V/Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Airflow volume	m³/h		430/360/320	490/420/360	700/530/490	950/770/690
	CFM		253/212/188	288/247/211,8	412/312/288	559/453/406
Sound pressure level(H/L)		dB(A)	36/30/27/25	38/33/29/26	39/33/29/26	42/36/32/28
Connecting pipe	Vapor	Inch	3/8	1/2	5/8	5/8
	Liquid	Inch	1/4	1/4	3/8	3/8
Dimension (W×H×D)	Outline	Inch	32-5/8x29-5/8x11-3/4	32-5/8x29-5/8x11-3/4	44-1/2x29-5/8x11-3/4	44-1/2x29-5/8x11-3/4
	Package	Inch	35-3/8x31-3/4x14-1/8	35-3/8x31-3/4x14-1/8	47-1/2x32x14-1/8	47-1/2x32x14-1/8
Net weight/Gross weight		kg	32/38	32/38	42/48,5	42/48,5
Loading quantity	20'GP	-	84	84	66	42/48,5
	40'GP/40'HQ	-	168/196	168/196	138/161	138/161



Console Type Indoor Unit

Model			TM09HEDI	TM12HEDI	TM18HEDI
Capacity	Cooling	Btu/h	9000	12000	18000
	Heating	Btu/h	9500	13000	19800
Power Supply		Ph/V/Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Airflow Volume		m³/h	500	600	650
Sound Pressure Level		dB(A)	40/38/33/26	43/40/37/32	48/46/41/35
Piping Connection	Liquid	Inch	3/8	3/8	1/2
	Vapor	Inch	1/4	1/4	1/4
Panel Dimension(WxHxD)	Outline	Inch	27-1/2x8-1/2x23-5/8	27-1/2x8-1/2x23-5/8	27-1/2x8-1/2x23-5/8
	Package	Inch	31x27-1/2x11-1/8	31x27-1/2x11-1/8	31x27-1/2x11-1/8
Net Weight/Gross Weight		Kg	15/18	15/18	15/18
Loading Quantity	40'GP	sets	380	380	380
	40'HP	sets	426	426	426

SUPER + MULTI ZONE



Various Combinations

- ▼ Different units for choices, the same comfortable feeling for you.

G10 Inverter Technology

- ▼ Lower power consumption
- Lower noise, more comfort
- Precise temperature control

Low Temperature Operation

- ▼ Operate finely when cooling at 5 °F



Timer



High efficiency



Comprehensive protection



Compact design



Intelligent Defrosting



Easier maintainability



Inner groove copper



'Turbo' button



Wide operation range



Self-diagnosis



Memory function



Lock



Wide voltage range



Low voltage startup



Centralized control



Long-distance monitoring



Weekly timer

Outdoor Units and Indoor Units Lineup

Capacity Index(BTU/h)			9000	12000	18000	24000
Wall mounted	Sapphire		●	●	●	●
	Lomo		●	●	●	●
Duct type			●	●	●	●
Cassette type				●	●	●
Floor ceiling type			●	●	●	●
Console type			●	●	●	

Item	Nominal operating condition(temperature)				Operation range(temperature)
	Outdoor condition		Indoor condition		Outdoor condition
	DB(°F)	WB(°F)	DB(°F)	WB(°F)	DB(°F)
Cooling	95	75	80	67	5~118
Heating	47	43	70	60	-4~75

142 Combinations

	Two units	Three units		Four units			Five units		Six units	Seven units	Eight units
 TM48H2O (2 to 8)	9+18	9+9+9	12+12+21	9+9+9+9	9+12+12+24	12+12+18+21	9+9+9+9+9	9+9+12+12+24	9+9+9+9+9+9	9+9+9+9+9+9+9	9+9+9+9+9+9+9+9
	9+21	9+9+12	12+12+24	9+9+9+12	9+12+18+18	12+12+18+24	9+9+9+9+12	9+9+12+18+18	9+9+9+9+9+12	9+9+9+9+9+9+12	-
	9+24	9+9+18	12+18+18	9+9+9+18	9+12+18+21	12+12+21+21	9+9+9+9+18	9+9+12+18+21	9+9+9+9+9+18	9+9+9+9+9+9+18	-
	12+12	9+9+21	12+18+21	9+9+9+21	9+12+18+24	12+12+24+24	9+9+9+9+21	9+9+12+18+24	9+9+9+9+9+21	9+9+9+9+9+12+12	-
	12+18	9+9+24	12+18+24	9+9+9+24	9+12+21+21	12+18+18+18	9+9+9+9+24	9+9+12+21+21	9+9+9+9+9+24	9+9+9+9+12+12+12	-
	12+21	9+12+12	12+21+21	9+9+12+12	9+12+21+24	12+18+18+21	9+9+9+12+12	9+12+12+12+12	9+9+9+9+12+12	-	-
	12+24	9+12+18	12+21+24	9+9+12+18	9+12+24+24	12+18+18+24	9+9+9+12+18	9+12+12+12+18	9+9+9+9+12+18	-	-
	18+18	9+12+21	12+24+24	9+9+12+21	9+18+18+18	12+18+21+21	9+9+9+12+21	9+12+12+12+21	9+9+9+9+12+21	-	-
	18+21	9+12+24	18+18+18	9+9+12+24	9+18+18+21	-	9+9+9+12+24	9+12+12+12+24	9+9+9+9+12+24	-	-
	18+24	9+18+18	18+18+21	9+9+18+18	9+18+18+24	-	9+9+9+18+18	9+12+12+18+18	9+9+9+12+12+12	-	-
	21+21	9+18+21	18+18+24	9+9+18+21	9+18+21+21	-	9+9+9+18+21	9+12+12+18+21	9+9+9+12+12+18	-	-
	21+24	9+18+24	18+21+21	9+9+18+24	9+18+21+24	-	9+9+9+18+24	12+12+12+12+12	9+9+9+12+12+21	-	-
	24+24	9+21+21	18+21+24	9+9+21+21	12+12+12+12	-	9+9+9+21+21	12+12+12+12+18	9+9+12+12+12+12	-	-
	-	9+21+24	21+21+21	9+9+21+24	12+12+12+18	-	9+9+9+21+24	12+12+12+12+21	9+9+12+12+12+18	-	-
	-	9+24+24	21+21+24	9+12+12+12	12+12+12+21	-	9+9+12+12+12	12+12+12+12+24	-	-	-
	-	12+12+12	21+24+24	9+12+12+18	12+12+12+24	-	9+9+12+12+18	12+12+12+18+18	-	-	-
	-	12+12+18	24+24+24	9+12+12+21	12+12+18+18	-	9+9+12+12+21	-	-	-	-

215 Combinations

	Two units	Three units			Four units			
 TM56H2O (2 to 9)	9+18	9+9+12	12+12+18	21+21+21	9+9+9+9	9+12+12+12	9+18+24+24	12+18+18+18
	9+21	9+9+18	12+12+21	21+21+24	9+9+9+12	9+12+12+18	9+21+21+21	12+18+18+21
	9+24	9+9+21	12+12+24	21+24+24	9+9+9+18	9+12+12+21	9+21+21+24	12+18+18+24
	12+18	9+9+24	12+18+18	24+24+24	9+9+9+21	9+12+12+24	9+21+24+24	12+18+21+21
	12+21	9+12+12	12+18+21	-	9+9+9+24	9+12+18+18	9+24+24+24	12+18+21+24
	12+24	9+12+18	12+18+24	-	9+9+12+12	9+12+18+21	12+12+12+12	12+18+24+24
	18+18	9+12+21	12+21+21	-	9+9+12+18	9+12+18+24	12+12+12+18	12+21+21+21
	18+21	9+12+24	12+21+24	-	9+9+12+21	9+12+21+21	12+12+12+21	12+21+21+24
	18+24	9+18+18	12+24+24	-	9+9+12+24	9+12+21+24	12+12+12+24	12+21+24+24
	21+21	9+18+21	18+18+18	-	9+9+18+18	9+12+24+24	12+12+18+18	18+18+18+18
	21+24	9+18+24	18+18+21	-	9+9+18+21	9+18+18+18	12+12+18+21	18+18+18+21
	24+24	9+21+21	18+18+24	-	9+9+18+24	9+18+18+21	12+12+18+24	18+18+18+24
	-	9+21+24	18+21+21	-	9+9+21+21	9+18+18+24	12+12+21+21	18+18+21+21
	-	9+24+24	18+21+24	-	9+9+21+24	9+18+21+21	12+12+21+24	18+18+21+24
	-	12+12+12	18+24+24	-	9+9+24+24	9+18+21+24	12+12+24+24	18+21+21+21

Outdoor Units

Model	Heat Pump		TM48H2O	TM56H2O
Capacity	Cooling	BTU/h	47800	52900
	Heating	BTU/h	54600	61400
Energy Efficiency	SEER/HSPF		16/8.2	16/8.2
Power supply	Ph/V/Hz		1Ph,208-230v,60Hz	1Ph,208-230v,60Hz
Power input	Cooling	kW	5.00	5.60
	Heating	kW	4.40	5.20
Refrigerant charge volume	kg		4.95	4.95
Air Pressure Level	m ³ /h		6400	7000
Sound pressure level	dB(A)		55	55
Dimension(W×D×H)	Outline	Inch	35-3/8x13-3/8x53	35-3/8x13-3/8x53
	Package	Inch	39-1/8x17-7/8x59	39-1/8x17-7/8x59
Net weight/Gross weight	kg		116/128	116/128
Connecting pipe diameter	Vapor	Inch	5/8	5/8
	Liquid	Inch	3/8	3/8
Max. equivalent connection pipe length	Ft		443	476
Maximum drive IDU NO.	unit		8	9
Loading quantity	40'GP/40'HQ	set	50/50	50/50

Sapphire Wall Mounted Indoor Unit



Model			TW09HQ3D6DI(WIFI)	TW12HQ3D6DI(WIFI)	TW18HQ3D6DI(WIFI)	TW24HQ3D6DI(WIFI)
Capacity	Cooling	Btu/h	9000	12000(2900~15354)	18000(4094~21837)	22000(6800~30700)
	Heating	Btu/h	9000	12200(3071~18766)	18000(4094~24566)	24000(6800~32000)
Power Supply	Ph,V,Hz		1Ph/208~230V/60Hz	1Ph/208~230V/60Hz	1Ph/208~230V/60Hz	1Ph/208~230V/60Hz
Airflow Volume	Indoor	m ³ /h	720/650/600/550/500/450/350	850/800/750/600/550/450/400	1250/1150/1050/950/850/780/600	1400/1300/1200/1100/1000/850/650
Sound Pressure Level	Indoor	dB(A)	43/40/38/36/33/31/19	49/46/43/40/37/34/22	51/48/45/42/39/36/34	54/49/46/43/40/37/34<27>
Connecting pipe	Vapor	Inch	3/8	1/2	5/8	5/8
	Liquid	Inch	1/4	1/4	1/4	1/4
Outline Dimension	WxHxD	Inch	38-1/4x11-3/4x8-7/8	39-1/4x11-7/8x8-7/8	43-3/8x12-7/8x9-3/4	42-1/2x12-3/4x9-5/8
Package Dimension	WxHxD	Inch	41x14-7/8x12-1/4	41-3/4x15x12-5/8	45-1/4x16-1/4x13-3/4	45-1/8x15-3/4x13
Net Weight /Gross Weight	Indoor	Kg	13.5/16.5	13.5/16.5	16.5/20	16/19.5
Loading Quantity	40'GP	sets	156	156	87	86
	40'HQ	sets	180	180	107	108

Lomo Wall Mounted Indoor Unit



Model			TW09HQ2C2DI(WIFI)	TW12HQ2C2DI(WIFI)	TW18HQ2C2DI(WIFI)	TW24HQ2C2DI(WIFI)
Capacity	Cooling	Btu/h	9000(3099~9599)	12000(3100~13000)	18000(6800~20000)	22000(6824~27296)
	Heating	Btu/h	11000(1911~12000)	13000(2400~14000)	19800(7340~23500)	23000(6824~30708)
Power Supply	Ph,V,Hz		1Ph,208/230,60Hz	1Ph,208/230,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Airflow Volume		m ³ /h	640/490/410/290	680/490/410/290	950/830/700/570	1200/1100/1000/900
		CFM	376/288/241/170	400/288/241/171	559/488/412/335	706/647/588/530
Sound Pressure Level		dB(A)	43/39/35/29	45/39/35/29	47/43/40/39	48/44/40/36
Connecting pipe	Vapor	Inch	3/8	1/2	5/8	5/8
	Liquid	Inch	1/4	1/4	1/4	1/4
Outline Dimension	WxHxD	Inch	33-1/4x11-3/8x8-1/4	33-1/4x11-3/8x8-1/4	38-1/4x11-3/4x8-7/8	42-1/2x12-3/4x9-5/8
Package Dimension	WxHxD	Inch	36-1/4x14-7/8x11-1/8	36-1/4x14-7/8x11-1/8	41x15-1/8x12-5/8	45-1/4x16-1/4x13-3/4
Net Weight /Gross Weight	Indoor	Kg	10/12	10/12	12.5/15.5	15.5/19
Loading Quantity	20GP	set	300	300	230	172
	40'HQ/40'GP	set	728/624	728/624	557/489	402/346

BU Module

Model		FXA2A-D	FXA2B-D	FXA3A-D	FXA3B-D	FXB5A-D
Fuse current	A	3.15	3.15	3.15	3.15	3.15
Power supply	Ph/V/Hz	1Ph,208-230v,60Hz	1Ph,208-230v,60Hz	1Ph,208-230v,60Hz	1Ph,208-230v,60Hz	1Ph,208-230v,60Hz
Dimension(W×D×H)	Outline	Inch	14-1/4x12-3/8x7-1/8	14-1/4x12-3/8x7-1/8	14-1/4x12-3/8x7-1/8	20-1/4x12-1/4x7-5/8
	Package	Inch	26-7/8x15-3/8x10-1/8	26-7/8x15-3/8x10-1/8	26-7/8x15-3/8x10-1/8	26-5/8x18-5/8x10-1/2
Connection Method	—	Flare	Braze	Flare	Braze	Flare
Net weight/Gross weight	kg	6.5/8.3	6.5/8.3	7.0/9.0	7.0/9.0	9.0/11.0
Connecting pipe diameter (to IDU)	Vapor	Inch	3/8	3/8	3/8	3/8
	Liquid	Inch	1/4	1/4	1/4	1/4
Connecting pipe diameter (to ODU)	Vapor	Inch	5/8	5/8	5/8	5/8
	Liquid	Inch	3/8	3/8	3/8	3/8
Maximum connect IDU NO	unit	2	2	3	3	5
Loading quantity	40'GP	set	294	294	294	246
	40'HQ	set	294	294	294	246
Max. Equivalent	Ft	49	49	49	49	49



Low-static Duct Type Indoor Unit

Model			TM09HFDI	TM12HFDI	TM18HFDI	TM21HFDI	TM24HFDI
Capacity	Cooling	BTU/h	8500	11900	15700	20400	23800
	Heating	BTU/h	9550	13100	18700	22600	27400
Power supply		Ph/V/Hz	1Ph,220-240V,60Hz	1Ph,208 ~ 230V,60Hz	1Ph,208 ~ 230V,60Hz	1Ph,208 ~ 230V,60Hz	1Ph,208 ~ 230V,60Hz
Airflow volume		m³/h	450	550	700	1000	1000
		CFM	264.825	324	412	588.5	588.5
Sound pressure level(H/L)		dB(A)	37/31	39/32	41/33	42/34	42/34
Connecting pipe	Vapor	Inch	3/8	3/8	1/2	5/8	5/8
	Liquid	Inch	1/4	1/4	1/4	3/8	3/8
Dimension (W×H×D)	Outline	Inch	27-1/2x24-1/4x7-7/8	27-1/2x24-1/4x7-7/8	35-3/8x24-1/4x7-7/8	43-1/4x24-1/4x7-7/8	43-1/4x24-1/4x7-7/8
	Package	Inch	35-1/8x29-1/4x12	35-1/8x29-1/4x12	44-1/4x29-1/4x12	52-1/8x29-1/4x12	52-1/8x29-1/4x12
Net weight/Gross weight		kg	22/27	23/29	27/36	31/41	31/41
Loading quantity	20'GP	-	108	108	90	72	72
	40'GP/40'HQ	-	234/234	234/234	192/192	162/162	162/162



High-static Duct Type Indoor Unit

Model			TM09HSFDI	TM12HSFDI	TM18HSFDI	TM24HSFDI
Capacity	Cooling	BTU/h	9000	12000	18000	24000
	Heating	BTU/h	9500	13000	19000	27000
Power supply		Ph/V/Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Airflow volume		m³/h	430/360/320	490/420/360	700/530/490	950/770/690
		CFM	253/212/188	288/247/211.8	412/312/288	559/453/406
Sound pressure level(H/L)		dB(A)	36/30/27/25	38/33/29/26	39/33/29/26	42/36/32/28
Connecting pipe	Vapor	Inch	3/8	1/2	5/8	5/8
	Liquid	Inch	1/4	1/4	3/8	3/8
Dimension (W×H×D)	Outline	Inch	32-5/8x29-5/8x11-3/4	32-5/8x29-5/8x11-3/4	44-1/2x29-5/8x11-3/4	44-1/2x29-5/8x11-3/4
	Package	Inch	35-3/8x31-3/4x14-1/8	35-3/8x31-3/4x14-1/8	47-1/2x32x14-1/8	47-1/2x32x14-1/8
Net weight/Gross weight		kg	32/38	32/38	42/48.5	42/48.5
Loading quantity	20'GP	-	84	84	66	42/48.5
	40'GP/40'HQ	-	168/196	168/196	138/161	138/161



4-Way Cassette Indoor Unit

Model			TM12HKDI	TM18HKDI	TM24HKDI
Capacity	Cooling	Btu/h	12000	14400	22800
	Heating	Btu/h	13000	16000	27400
Power Supply		Ph/V/Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Airflow Volume		m³/h	650/560/520/450	710/670/590/450	1280/1220/1100/880
Sound Pressure Level		dB(A)	44/41/38/34	47/45/41/35	47/45/41/36
Main body Dimension (WxHxD)	Outline	Inch	23-1/2x23-1/2x9-1/2	23-1/2x23-1/2x9-1/2	33-1/8x33-1/8x9-1/2
	Package	Inch	30-5/8x29x11-3/4	30-5/8x29x11-3/4	37-7/8x37-7/8x12-3/4
Panel Dimension(WxHxD)	Outline	Inch	26-3/8x26-3/8	26-3/8x26-3/8	37-3/8x2-3/8x37-3/8
	Package	Inch	30x4-1/8x30	30x4-1/8x30	40-5/8x5-1/4x40-7/8
Net Weight /Gross Weight (Main body)		Kg	20/24	20/24	26/32
Net Weight /Gross Weight (Panel)		Kg	3.5/5	3.5/5	7/11
Piping Connection	Liquid	Inch	1/4	1/4	3/8
	Vapor	Inch	3/8	1/2	5/8
Loading Quantity	40'GP	sets	329	329	168
	40'HP	sets	376	376	192



Floor Ceiling Type Indoor Unit

Model			TM09HTDI	TM12HTDI	TM18HTDI	TM24HBDI
Capacity	Cooling	Btu/h	8500	11900	17000	22800
	Heating	Btu/h	9500	13100	18700	27400
Power Supply		Ph/V/Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz	1Ph,208/230V,60Hz
Airflow Volume		m³/h	700/610/540/420	700/610/540/420	680/590/520/410	950/870/800/720
Sound Pressure Level		dB(A)	38/35/30/26	38/35/30/26	38/35/30/27	38/35/31/27
Piping Connection	Liquid	Inch	1/4	1/4	1/4	3/8
	Vapor	Inch	3/8	1/2	1/2	5/8
Panel Dimension(WxHxD)	Outline	Inch	34-1/4x26-1/8x9-1/4	34-1/4x26-1/8x9-1/4	34-1/4x26-1/8x9-1/4	47-1/4x26-1/8x9-1/4
	Package	Inch	40-5/8x30-3/8x11-3/4	40-5/8x30-3/8x11-3/4	40-5/8x30-3/8x11-3/4	53-5/8x30-3/8x11-3/4
Net Weight/Gross Weight		Kg	25/30	25/30	25.5/30.5	33/40
Loading Quantity	40'GP	sets	231	231	231	175
	40'HP	sets	264	264	264	200



Console Type Indoor Unit

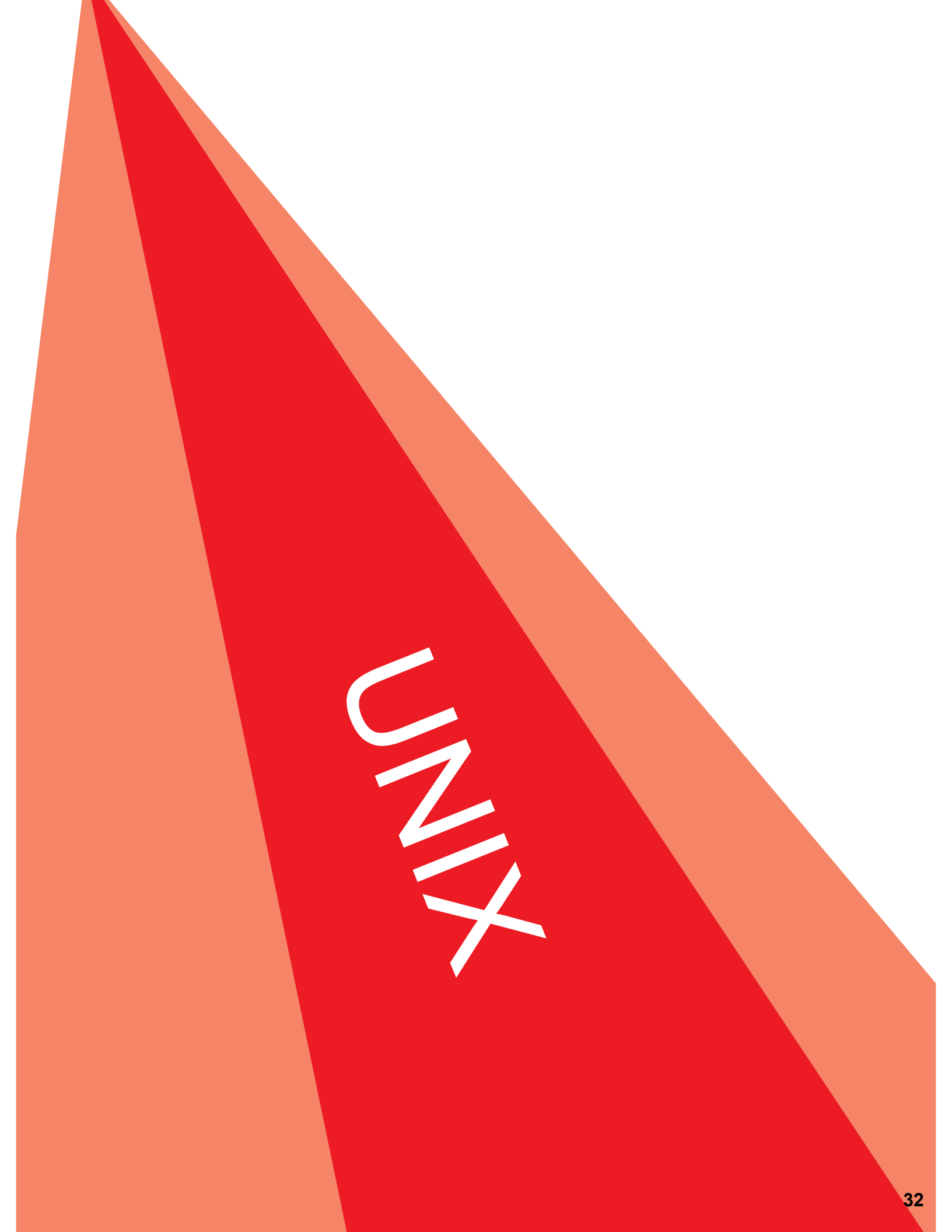
Model			TM09HEDI	TM12HEDI	TM18HEDI
Capacity	Cooling	BTU/h	8800	11900	18000
	Heating	BTU/h	9500	12900	19000
Power supply	Ph/V/Hz		1Ph,208/230,60Hz	1Ph,208/230,60Hz	1Ph,208/230,60Hz
Airflow volume	m³/h		500	600	650
	CFM		294	353	383
Sound pressure level(H/L)		dB(A)	40/38/36/33/30/27/25	42/40/38/37/35/32/27	48/46/44/41/37/35/32
Connecting pipe	Vapor	Inch	3/8	3/8	1/2
	Liquid	Inch	1/4	1/4	1/4
Dimension (W×H×D)	Outline	Inch	27-1/2x8-1/2x23-5/8	27-1/2x8-1/2x23-5/8	27-1/2x8-1/2x23-5/8
	Package	Inch	31x27-1/2x11-1/8	31x27-1/2x11-1/8	31x27-1/2x11-1/8
Net weight/Gross weight		kg	15/18	15/18	15/18
Loading quantity	20'GP	-	181	181	181
	40'GP/40'HQ	-	381/454	381/454	381/454

Controller

Product Series			Wall mounted type		Duct type	Cassette type	Floor ceiling type	Console type
			Sapphire	Lomo				
Wireless remote controller	SAA1FB1F							
	YAG1FBF		●					
	YAN1F1F			●				
	YB1FAF(X-Fan)							
	YAA1FB1F							●
	YT1F(moto)				●	●	●	
Wired controller	XK41/XK47		○	○				
	XK76		○	○	○	○	○	
	XK19				●	●	●	
Centralized controller	CE50-24/E			○	○	○	○	
	CE52-24/F(C)		○	○	○	○	○	○

● standard ○ optional

※Gree reserves the right to modify the specifications without prior notice.Please confirm the final specifications with sales representatives.



UNITY

UniX

UNIVERSAL DC INVERTER DUCTED CENTRAL HEAT PUMP

UniX 18SEER 24V D.C inverter condensing unit, which is a newly designed and high efficiency air conditioners, are targeted at the North America market and mainly applied to villas, office buildings, supermarkets, hotels, restaurants etc.



2/3 Ton



4-5 Ton



2/3/4/5 Air Handler



Self-diagnosis



Comprehensive protection



High ESP



Wide operation range



High efficiency



Intelligent defrosting



Energy saving function



Inner groove copper

- Outdoor unit adopts inverter compressor, efficiency is up to 20SEER & 10.5HSPF.
- Adopt Gree two-stage compression EVI technology, small performance decline at extremely hot or cold area.
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)*.
- Compatible with most standard 24V thermostat in the market.
- Inverter technology, quieter, more comfortable, more energy saving.
- Installation similar to traditional air conditioner, few training needed for experienced installers.
- Compact space saving design; perfect for installation with space limitation such as zero-lot-line house.

*Notes: Test results based on condenser TU3-24WADU and air handler TU24-24AADU.



Max.piping length(m(ft.))	2 Ton	3 Ton	4 Ton	5 Ton
Max refrigerant pipe length between IDU and ODU	30 (98.4)	30 (98.4)	30 (98.4)	30 (98.4)
Max vertical height difference between IDU and ODU	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 DB(°F/°C)
	DB(°F/°C)	WB(°F/°C)	DB(°F/°C)	WB(°F/°C)	
Cooling	95/35	75/23.9	80/26.7	67/19.4	5~118.4/-15~48
Heating	47/8.3	43/6.1	70/21.1	60/15.6	-22~75.2/-30~24

● Specifications

Condensing Unit

Model		-	TU36-24WADU*12		TU60-24WADU*112	
Capacity range		Ton	2	3	4	5
Capacity	Cooling	Btu/h	24,000	36,000	48,000	54,000
	Heating	Btu/h	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	18	17
EER		/	12.5	11	11	10.5
HSPF		/	10.5	10	10.5	10
MCA		A	24	24	35	35
MOP		A	35	35	45	45
Refrigerant Charge volume		lbs	9.3	9.3	12.3	12.3
Sound pressure level		dB(A)	62	62	61	61
Connecting pipe	Liquid	In.	3/8	3/8	3/8	3/8
	Vapor	In.	3/4	3/4	3/4	3/4
Dimension (W×D×H)	Outline	In.	37×18-1/8×32-1/4	37×18-1/8×32-1/4	42-3/4×16-7/8×53-3/4	42-3/4×16-7/8×53-3/4
	Package	In.	42-5/8×22-5/8×38-1/4	42-5/8×22-5/8×38-1/4	45×18-7/8×59-3/8	45×18-7/8×59-3/8
Net weight/Gross weight		lbs	217.2/240.3	217.2/240.3	309/338	309/338
Loading quantity	40' GP	set	84	84	48	48
	40' HQ	set	84	84	48	48
Temperature operation range for cooling (°F)			5~118.4	5~118.4	5~118.4	5~118.4
Temperature operation range for heating (°F)			-22~75.2	-22~75.2	-22~75.2	-22~75.2

Air Handler

Model		-	TU24-24AADU	TU36-24AADU	TU48-24AADU*1	TU60-24AADU*1
Capacity	Cooling	Btu/h	24,000	36,000	48,000	54,000
	Heating	Btu/h	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
Power consumption		W	150	200	400	500
Air Flow Volume		m³/h	1600	1700	2500	2720
		CFM	940	1000	1470	1600
MCA		A	4	4	4	4
ESP		In,W,G	0.1	0.15	0.2	0.2
Sound pressure level		dB(A)	45	49	50	51
Connecting pipe	Liquid	In.	3/8	3/8	3/8	3/8
	Vapor	In.	3/4	3/4	3/4	3/4
Dimension (W×D×H)	Outline	In.	21-1/4×21-1/4×48-1/4	21-1/4×21-1/4×48-1/4	24-3/4×21-1/4×57	24-3/4×21-1/4×57
	Package	In.	23-1/2×24-3/4×50-3/4	26×23-3/4×50-3/8	27×24-1/2×60	27×24-1/2×60
Net weight/Gross weight		lbs	156.5/169.8	156.5/169.8	202.8/218.3	202.8/218.3
Loading Quantity	40' GP	set	85	85	85	85
	40' HQ	set	114	114	114	114

*Note: This product is under development. Please confirm the final specifications with sales representatives.

*Note: 3 Ton ODU can be switched to 2 Ton ODU. 5 Ton ODU can be switched to 4 Ton ODU.



GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI

Add: West Jinji Rd, Qianshan, Zhuhai, Guangdong, China 519070
Tel: (+86-756) 852 2218 Fax: (+86-756) 866 9426
Email: gree@gree.com.cn Http://www.gree.com

HONG KONG GREE ELECTRIC APPLIANCES SALES LIMITED

Add: Unit 2612, 26/F., Miramar Tower 132 Nathan Road, TST, Kowloon, HK
Tel: (852) 3165 8898 Fax: (852) 3165 1029

Note:

Gree is committed to continuously improving its products to ensure the highest quality and reliability standards, and to meet local regulations and market requirements.

All features and specifications are subject to change without prior notice.

All images provided in this catalogue are used for illustration purposes only.
Copyright© Gree Electric Appliances, Inc. of Zhuhai. All rights reserved.

TC-1705-01



TOSOT NORTH AMERICA

930 W 21ST STREET, CHICAGO IL 60608

TEL: +1(312)800-8455

EMAIL: SALES@TOSOT-NA.COM

Distributor information