

TOSOT Product Line-up 2021

About TOSOT

TOSOT is an HVAC equipment brand owned and manufactured by GREE Electric Appliances Company of Zhuhai (Est. 1991). TOSOT's product - line includes residential and commercial air conditioners, from ductless-split, single and multi-zoned, PTACs, window units and dehumidifiers to VRF (Variable Refrigerant Flow) units.

GREE is headquartered in Guangdong Province, the HVAC manufacturing capital in China. It's the largest residential air conditioner manufacturer. Globally, **1 in 3 Air Conditioners** is manufactured by GREE.



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DFS Multi Zones:

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TOSOT

16
SEER

Single Zone Systems - Entry level

Capacity	9K - 24K
Voltage	115V, 230V
HSPF	Up to 9
EER	Up to 10.1
SEER	Up to 16



Features: ☐ Standard ☒ Optional

UP TO
23
SEER

Single Zone Systems- Mid level

Capacity	9K - 36K
Voltage	115V, 230V
HSPF	Up to 10.5
EER	Up to 14.3
SEER	Up to 23



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Features: ○ Standard ● Optional

Up to
38
SEER

Single Zone Systems- High level

Capacity	9K - 36K
Voltage	230V
HSPF	Up to 15
EER	Up to 18
SEER	Up to 38



TOSOT



Built-in

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



Auto Clean



Automatic Operation



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



I Feel



Healthy Filters



Golden Fin



Wired Controller

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Multi Zone ODU - MULTI 22

Capacity	18K - 42K
Voltage	230V
HSPF	Up to 10.5
SEER	Up to 22
Zones	2 - 5



High efficiency



Intelligent defrosting



Comprehensive protection



Compact design



Easier maintainability



Inner groove copper



Turbo function



Wide operation range



Memory function



Wide voltage range



Timer



Lock



Self-diagnosis



Low voltage startup

5 °F Low Temperature Operation

Operate finely when cooling at 5 °F



Wired Controller



Weekly timer



Centralized control



Long-distance monitoring

Features: ☐ Standard ☒ Optional

TOSOT

Ultra Temp Multi Zone ODU - MULTI 23

Capacity	18K - 42K
Voltage	230V
HSPF	Up to 10.5
SEER	Up to 23
Zones	2 - 5



Timer



Auto Clean



Automatic Operation



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



I Feel



Healthy Filters



Golden Fin



Wired Controller

Features: ○ Standard ● Optional

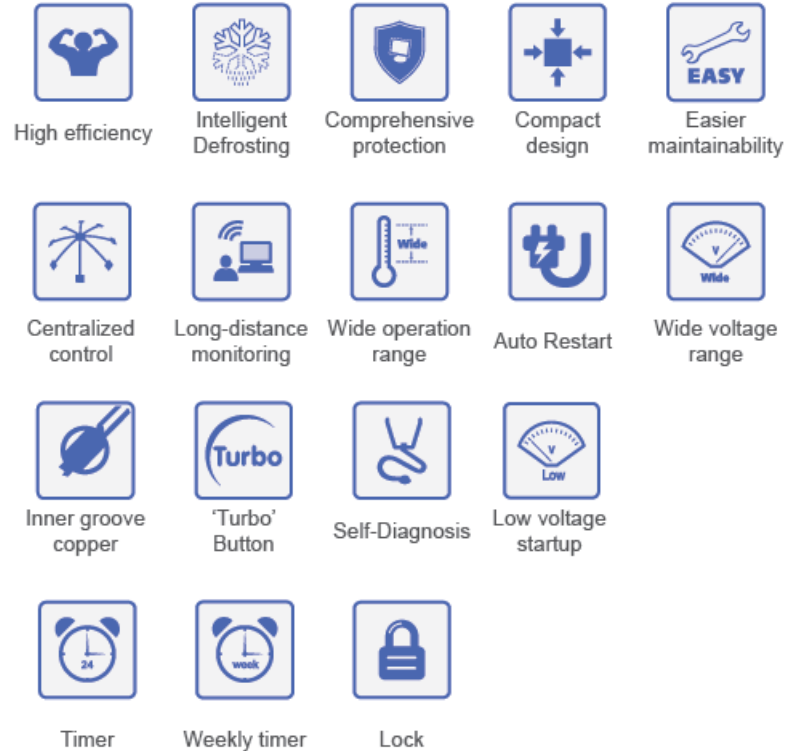
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BU Boxes
for
Connecting

SUPER MULTI (ODU)

Capacity	48K and 56K
Voltage	230V
HSPF	Up to 8.2
SEER	Up to 16
Zones	Up to 9



Features: ○ Standard ● Optional

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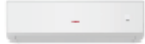







SUPER MULTI (ODU) - Diagram



Multi 22

Multi Zone Indoor Unit Options

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

Super Multi

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

Multi Zone Indoor - Ceiling Cassettes

Capacity

12K - 24K

Voltage

230V



Cassette Type Indoor Unit

Model				TM12HKDI	TM18HKDI	TM24HKDI
Capacity	Cooling	BTU/h		11946	15359	22867
	Heating	BTU/h		13652	17065	27304
Power supply		Ph/V/Hz		1Ph,208-230v,60Hz	1Ph,208-230v,60Hz	1Ph,208-230v,60Hz
Airflow volume			m³/h	600	600	1180
			CFM	353	353	694
Sound pressure level (SH/H/MH/MML/L/SL)			dB(A)	46/44/42	46/44/42	39/37/35
Connecting pipe	Gas	inch(mm)		φ3/8(9.52)	φ1/2(12.7)	φ5/8(15.9)
	Liquid	inch(mm)		φ1/4(6.35)	φ1/4(6.35)	φ3/8(9.52)
Main Body	Dimension (WxHxD)	Outline	mm	570×570×230	570×570×230	840×840×240
		Package	mm	851×731×325	851×731×325	963×963×325
	Net weight/Gross weight		kg	18/23	18/23	28.0/35.0
Panel	Dimension (WxHxD)	Outline	mm	650×650×50	650×650×50	950×950×60
		Package	mm	733×673×117	733×673×117	1043×1028×130
	Net weight/Gross weight		kg	2.5/3.65	2.5/3.65	6.5/10

Multi Zone Indoor- Slim/Concealed Ducts

Capacity 9K - 24K

Voltage 230V



Duct Type Indoor Unit

Model			TM09HFDI	TM12HFDI	TM18HFDI	TM21HFDI	TM24HFDI
Capacity	Cooling	BTU/h	8533	11946	15359	20478	24232
	Heating	BTU/h	9556	13140	18772	22526	27304
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	500	700	1000	1000
		CFM	265	294	412	588.5	588.5
Sound pressure level (SH/H/MH/M/ML/L/SL)		dB(A)	37/34/31	39/35/32	41/37/33	42/38/34	42/38/34
Connecting pipe	Gas	inch(mm)	φ3/8(9.52)	φ3/8(9.52)	φ1/2(12.7)	φ5/8(15.9)	φ5/8(15.9)
	Liquid	inch(mm)	φ1/4(6.35)	φ1/4(6.35)	φ1/4(6.35)	φ3/8(9.52)	φ3/8(9.52)
Dimension(WxHxD)	Outline	mm	700×615×200	700×615×200	900×615×200	1100×615×200	1100×615×200
	Package	mm	893×743×305	893×743×305	1123×743×305	1323×743×305	1323×743×305
Net weight/Gross weight		kg	22/27	23/29	27/36	31/41	31/41

Multi Zone Indoor- Mini-Console

Capacity

9K - 18K

Voltage

230V



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	Gas	inch(mm)	φ9.52	φ9.52	φ12
	Liquid	inch(mm)	φ6	φ6	φ6
Dimension (W×H×D)	Outline	mm	700×215×600	700×215×600	700×215×600
	Package	mm	788×697×283	788×697×283	788×697×283
Net weight/Gross weight		kg	15/18	15/18	15/18

Multi Zone Indoor- Floor/ceiling Consoles

Capacity

9K - 24K

Voltage

230V



Model			TM09HTDI	TM12HTDI	TM18HTDI	TM24HTDI
Capacity	Cooling	BTU/h	8500	11900	17000	22800
	Heating	BTU/h	9500	13100	18700	27800
Power supply	PhV/Hz		1Ph,208~230V,60Hz	1Ph,208~230V,60Hz	1Ph,208~230V,60Hz	1Ph,208~230V,60Hz
Airflow volume	m³/h		650	650	950	1250
	CFM		382.5	382.5	559	736
Sound pressure level(H/L)	dB(A)		40/36	40/36	45/40	48/44
Connecting pipe	Gas	inch(mm)	φ9.52	φ9.52	φ12	φ16
	Liquid	inch(mm)	φ6	φ6	φ6	φ9.52
Dimension (W×H×D)	Outline	mm	1220×700×225	1220×700×225	1220×700×225	1220×700×225
	Package	mm	1343×823×315	1343×823×315	1343×823×315	1343×823×315
Net weight/Gross weight		kg	40/50	40/50	40/50	45/54

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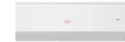
Multi Zone Indoor- Wall-Mounted

Capacity
Voltage

9K - 24K

230V

High level













Model			TWH09AAD-D3DNA2A	TWH12AAD-D3DNA2A	TWH18AAE-D3DNA2A	TWH24AAE-D3DNA2A/I
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	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	Gas	inch(mm)	Φ16/3/8"	Φ12/1/2"	Φ16/5/8"	Φ16/5/8"
	Liquid	inch(mm)	Φ6/1/4"	Φ6/1/4"	Φ6/1/4"	Φ6/1/4"
Outline Dimension	WxHxD	mm	970×300×225	996×301×225	1101×327×249	1080×325×245
Package Dimension	WxHxD	mm	1041×378×311	1060×380×322	1148×413×350	1145×400×330
Net Weight /Gross Weight	Indoor	Kg	13.5/16.5	13.5/16.5	16.5/20	16/19.5

Mid level



Model			TW09HQ2C2D(WIFI)	TW12HQ2C2D(WIFI)	TW18HQ2C2D(WIFI)	TW24HQ2C2D(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	Gas	mm/inch	φ9.52	φ12	φ16	φ16
	Liquid	mm/inch	φ6	φ6	φ6	φ6
Outline Dimension	WxHxD	mm	845×289×209	845×289×209	970×300×224	1078×325×246
Package Dimension	WxHxD	mm	921×379×281	921×379×281	1041×383×320	1148×413×350
Net Weight /Gross Weight	Indoor	Kg	10/12	10/12	12.5/15.5	15.5/19

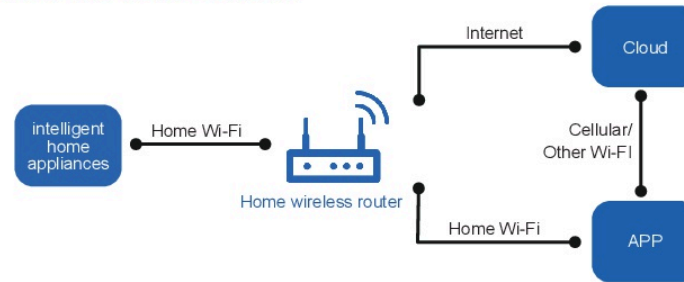
Remote Controls Chart

Product Series			Wall mounted type			Duct type	Cassette type	Floor ceiling type	Console type
Controlling system			High Level	Other Levels					
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

Ewpe Smart App Operation Manual


Control Flow Chart



Operating Systems

Requirement for User's smart phone:

 iOS system
Support iOS7.0 and
above version

 Android system
Support Android 4.4 and
above version

Download and installation



App Download Linkage

Scan the QR code or search "Ewpe Smart" in the application market to download and install it. When "Ewpe Smart" App is installed, register the account and add the device to achieve long-distance control and LAN control of smart home appliances.
For more information, please refer to "Help" in App.

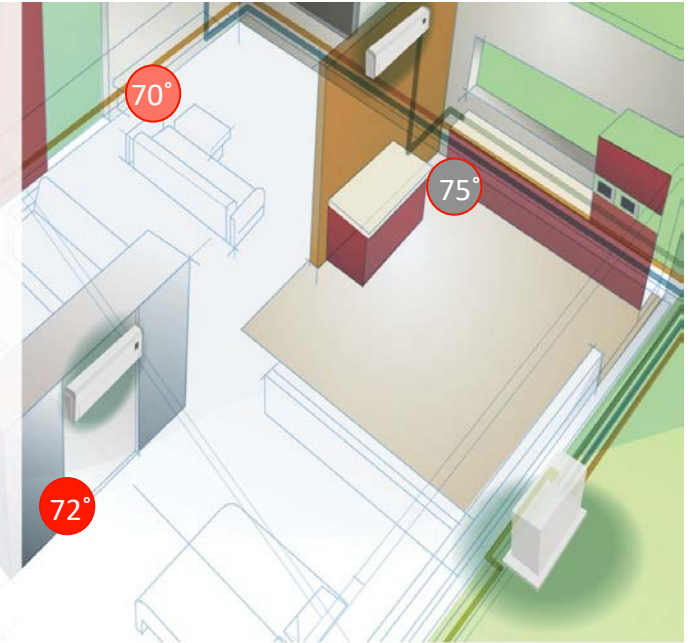
WIFI Activation Manual

<https://play.google.com/store/apps/details?id=com.gree.ewpesmart&hl=en>

<https://itunes.apple.com/US/app/id1189467454?mt=8>

Multi Zone Commercial Applications

- Room additions/remodels
- Attics
- Sunrooms
- Basements
- Grow/Green rooms
- Vertical container farms
- Home offices
- Computer rooms
- Mobile homes
- Restaurants
- Coffee shops
- Garages



PTACs

Send Specifications Inquiry to hi@tosotcomfort.com



Product Warranty

For all Ductless Splits (single and multi zones):



**LIMITED 5 YEAR
PARTS WARRANTY**



**LIMITED 7 YEAR
COMPRESSOR WARRANTY**

- For product specifications and/or full-line brochure, please visit <http://www.tosotcomfort.com>

Thank you!



ISO 9001 Quality System Certificate



ISO 14001 Environment Management System Certificate



ISO 18001 Occupation Healthy Safety System Certificate



Canadian CSA Certificate



German TÜV Certificate



3C Certificate



European Communities CE Certificate



American UL Certificate



Russian Safety Certificate



EQM



SASO Certificate



Mexico NOM Safety Certificate



German GS Certificate



European EMC Certificate



Argentina Safe Certificate



China EMC Certificate



Hongkong Energy-saving Certificate



Hongkong Safety Certificate



Australian SAA Safe Certificate



Australia SAA Certificate



CQC Certificate



America ETL Certificate



Canadian ETL Certificate



Thailand TIS Certificate

