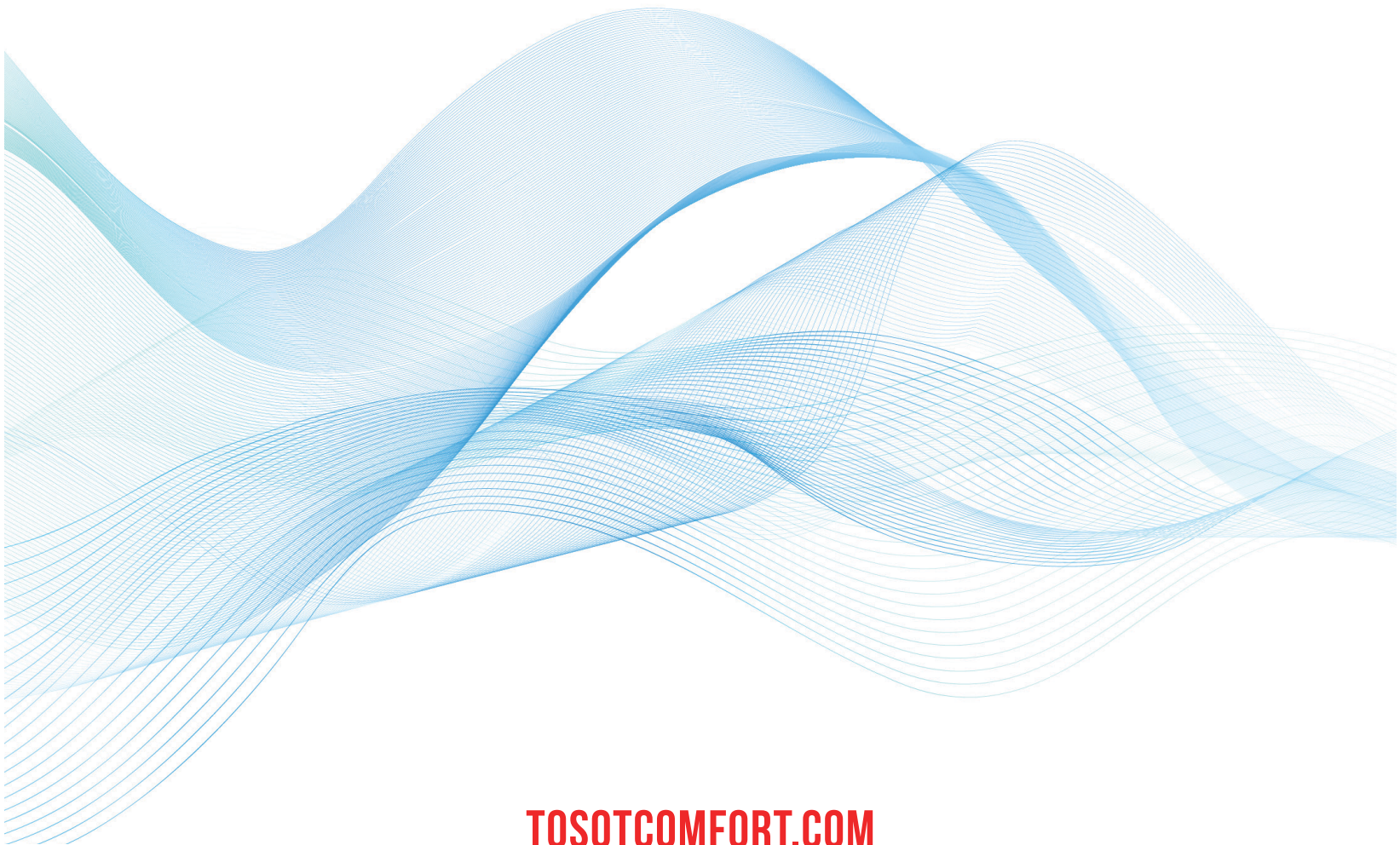


2020' FULL LINE CATALOG
Residential and Commercial HVAC Products

TOSOT

Ductless Split Heat Pump and Air Conditioning Systems



TOSOTCOMFORT.COM

BRAND PROFILE

TOSOT is an HVAC equipment brand fully owned, manufactured and 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 Company, 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-made air conditioners are sold in over 100 countries and regions.

Since 2005, TOSOT has access to the international market and enjoyed a good reputation. By 2014, TOSOT has built up a high-end brand image in dozens of countries in Asia, Europe, Americas, Africa, etc., and gained an advantage in market share. Relying on technology innovation, TOSOT endeavors to improve quality and service, providing a better living solution and user experience. TOSOT, made in China, loved by the world.



GREE's headquarter in Zhuhai, China.

PRODUCT FEATURES



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.



Low Noise

Indoor Units noise lowers to 21dB(A), making you feel like staying on the Moon.



7-Fan Speeds

From super low to turbo, choose desired air flow.



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 50mins.
- Gree I-Defrosting is only performed when needed, which reduces energy waste by eliminating the unnecessary defrosting process.



3 Sleep Curves

- **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.





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SINGLE ZON

NE SYSTEMS

SINGLE ZONE SYSTEMS

ENTRY LEVEL SERIES : UP TO 16 SEER



- | | | | | | | | | | |
|---|---|--|---|---|---|--|---|---|--|
| 
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 ○ Standart ● Optional



WARRANTY

5 year limited parts warranty | **7 year** limited compressor warranty

SMART WIFI (WIFI KIT NEEDED)

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.

CAPACITY & EFFICIENCY

Capacity Range: 9K - 36K BTU
SEER: Up to 16

SINGLE ZONE SYSTEMS

MID LEVEL SERIES : UP TO 23 SEER



-  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 ○ Standart ● Optional



WARRANTY

5 year limited parts warranty | **7 year** limited compressor warranty

SMART WIFI (WIFI KIT NEEDED)

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.

CAPACITY & EFFICIENCY

Capacity Range: 9K - 36K BTU
SEER: Up to 23

HIGH LEVEL ULTRA HEAT SERIES : UP TO 38 SEER



- | | | | | | | | | | |
|---|---|--|---|--|---|--|---|---|--|
| 
Timer | 
Low Voltage Start-Up | 
Automatic Operation | 
LED Display | 
IR Remote Control | 
Multiple Speed Fan | 
Adjustable Airflow | 
Power Failure Mode | 
Comfortable Sleep Mode | 
Intelligent Pre-Heating |
| 
Self-Diagnosis | 
Auto Restart | 
Privacy Lock Mode | 
Fahrenheit ° F / Celsius ° C | 
Quiet Operation | 
I Feel | 
Polymeric Air Filters | 
Golden Fin | 
Wired Controller | |

FEATURES ○ Standart ● Optional



WARRANTY

5 year limited parts warranty | **7 year** limited compressor warranty

SMART WIFI (WIFI KIT NEEDED)

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.

CAPACITY & EFFICIENCY

Capacity Range: 9K - 36K BTU
SEER: Up to 38

MODEL		TW09HQ3D6D	TW12HQ3D6D	TW18HQ3D6D	TW24HQ3D6D
TYPE		HEAT PUMP			
WiFi Kit Compatible		Yes			
SYSTEM PERFORMANCE					
Voltage/Phase/Hertz		208-230V/1/60Hz	208-230V/1/60Hz	208-230V/1/60Hz	208-230V/1/60Hz
Cooling Capacity	Btu/h	9,000	12,000	18,000	22,000
Heating Capacity	Btu/h	9,000	12,200	18,000	24,000
SEER/EER *		38/16.7	30.5/15.3	24.5/13.5	21.5/13.0
HSPF/COP		15.0/4.47	14.0/3.80	12.0/3.52	12.0/3.50
Energy Star®		Yes			
Cooling Temperature Range	F	0~129	0~129	0~129	0~129
Heating Temperature Range	F	-22~75	-22~75	-22~75	-22~75
Compressor Type		G-10 Inverter Driven 2-Stage Rotary			
INDOOR UNIT					
Air Flow (min-max)	CFM	206 - 424	235 - 500	353 - 736	383 - 824
Sound Level (min-max)	dB(A)	19 - 45	22 - 49	34 - 51	34 - 54
Dehumidification	pt/hr	1.7	3.0	3.8	4.2
Indoor Unit dimension (WxHxD)	in	39.9x12.1x8.1	39.9x12.1x8.1	44.2x13.0x9.7	42.5x12.8x9.7
Indoor Package Dimension (LxWxH)	in	42.5x14.9x12.4	42.5x14.9x12.4	47.0x16.1x13.8	47.0x16.1x13.8
Indoor Weight (Net/Gross)	lbs	29.8 / 36.4	29.8 / 37.5	36.4 / 43.0	36.4 / 43.0
OUTDOOR UNIT					
Outdoor Sound Level	dB(A)	53	53	59	59
Outdoor Unit Dimension (WxHxD)	in	35.4x23.5x14.9	35.4x23.5x14.9	38.6x31.1x16.8	38.6x31.1x16.8
Outdoor Package Dimension (LxWxH)	in	37.3x25.4x16.5	37.3x25.4x16.5	42.6x33.7x19.2	42.6x33.7x19.2
Outdoor Weight (Net/Gross)	lbs	99.2 / 105.8	99.2 / 105.8	141.1 / 152.1	147.7 / 158.8
Refrigerant / Charge 410A	oz	45.9	49.4	74.1	81.1
Coil Type		Copper/Aluminum with Acrylic Resin Coating			
INSTALLATION					
Line Set Size (Liquid - Suction)	in	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8
Pre-Charge Length	ft	25	25	25	25
Max. Line Length	ft	49	98	131	164
Min. Elevation	ft	33	49	66	98
ELECTRICAL					
Rated Current Cooling	amp	6.2	6.5	10.8	16.4
Rated Current Heating	amp	6.9	6.9	10.8	16.4
MCA	amp	9	9	22	22
MOCP	amp	15	15	30	35
Interconnecting Wire		AWG 14/4			
Limited Warranty		7 Years on Compressor / 5 Years on Parts			

MID LEVEL: UP TO 22 SEER MODEL		TW09HQ2C2A	TW09HQ2C2D	TW12HQ2C2A	TW12HQ2C2D	TW18HQ2C2D	TW24HQ2C2D	TW30HQ2B4D	TW36HQ2B4D
TYPE	HEAT PUMP								
WiFi Kit Compatible	Yes								
SYSTEM PERFORMANCE									
Voltage/Phase/Hertz		115 / 1 / 60	208-230 / 1 / 60	115 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60
Cooling Capacity	Btu/h	10,900	9,600	14,600	13,000	20,000	27,300	30,000	36,000
Heating Capacity	Btu/h	9,900	11,000	12,200	13,000	19,800	23,000	28,400	34,600
SEER/EER *		23 / 13.0	23 / 14.3	22 / 12.5	22 / 12.5	20 / 12.50	20 / 12.50	18 / 10.35	18 / 8.2
HSPF/COP		10.5 / 3.1	10.5 / 3.2	10.2 / 3.6	10.1 / 3.5	10.0 / 3.4	10.0 / 3.4	9.0 / 3.0	208-230 / 1 / 60
Energy Star®		Yes						No	No
Cooling Temperature Range	F	0~115	0~115	0~115	0~115	0~115	0~115	0~115	0~109
Heating Temperature Range	F	-4~75	-4~75	-4~75	-4~75	-4~75	-4~75	-4~75	-4~75
Compressor Type		Yes G-10 Inverter Driven 2-Stage Rotary							
INDOOR UNIT									
Air Flow (min-max)	CFM	170~377	170~377	171~400	171~400	335~559	530~706	412~706	412~736
Sound Level (min-max)	dB(A)	26~43	29~43	28~45	29~45	39~47	36~48	37~51	37~54
Dehumidification	pt/hr	1.7	1.7	3.0	3.0	3.8	4.2	6.3	7.4
Indoor Unit dimension (WxHxD)	in	33.2 x 11.4 x 8.2	33.2 x 11.4 x 8.2	33.2 x 11.4 x 8.2	33.2 x 11.4 x 8.2	38.2 x 11.8 x 8.8	42.4 x 12.8 x 9.7	53.2 x 12.8 x 9.9	53.2 x 12.8 x 9.9
Indoor Package Dimension (LxWxH)	in	36.3 x 11.1 x 14.9	36.3 x 11.1 x 14.9	36.3 x 11.1 x 14.9	36.3 x 11.1 x 14.9	41.0 x 15.1 x 12.6	45.2 x 16.3 x 13.8	56.7 x 16.6 x 14.5	56.7 x 16.6 x 14.5
Indoor Weight (Net/Gross)	lbs	23.2 / 27.6	22.1 / 26.5	23.2 / 27.6	22.0 / 26.5	27.6 / 34.2	34.2 / 41.9	41.9 / 51.8	41.9 / 51.8
OUTDOOR UNIT									
Outdoor Sound Level	dB(A)								
Outdoor Unit Dimension (WxHxD)	in	33.4 x 21.3 x 12.6	33.4 x 21.3 x 12.6	33.4 x 21.3 x 12.6	33.4 x 21.3 x 12.6	37.6 x 27.6 x 15.6	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8
Outdoor Package Dimension (LxWxH)	in	34.7 x 14.3 x 23.4	34.7 x 14.3 x 23.4	34.7 x 14.3 x 23.4	34.7 x 14.3 x 23.4	40.5 x 18.0 x 29.5	42.6 x 19.2 x 33.7	42.6 x 19.2 x 33.7	42.6 x 19.2 x 33.7
Outdoor Weight (Net/Gross)	lbs	71.7 / 77.2	78.3 / 83.8	77.2 / 83.8	86.0 / 92.6	105.8 / 115.8	142.2 / 153.2	154.4 / 165.4	161.0 / 172.0
Refrigerant / Charge 410A	lbs	42.3	45.9	47.6	47.6	56.4	77.6	84.7	91.7
Coil Type		Copper / Aluminum with BLUE FIN Coating							
INSTALLATION									
Line Set Size (Liquid - Suction)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8
Pre-Charge Length	ft	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
Max. Line Length	ft	49.2	49.2	65.6	65.6	82.0	82.0	98.4	98.4
Min. Elevation	ft	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
ELECTRICAL									
Rated Current Cooling	amp	11.3	5.8	11.5	6.0	10.4	14.5	17	20
Rated Current Heating	amp	10.7	6.0	12.0	6.3	12.6	10.2	17.5	20.0
MCA	amp	12	9	17	9	16	20	20	24
MOCP	amp	20	15	25	15	25	30	30	40
Interconnecting Wire		AWG 14/4							
Limited Warranty		7 Years on Compressor / 5 Years on Parts							

ENTRY LEVEL: UP TO 16 SEER MODEL		TW09HQ1C2A	TW09HQ1C2D	TW12HQ1C2A	TW12HQ1C2D	TW18HQ1C2D	TW24HQ1C2D	TW30HQ1B4D	TW36HQ1B4D
TYPE		HEAT PUMP							
WiFi Kit Compatible		Yes	Yes	Yes	Yes	Yes	Yes	No	No
SYSTEM PERFORMANCE									
Voltage/Phase/Hertz		115 / 1 / 60	208-230 / 1 / 60	115 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60
Cooling Capacity	Btu/h	9,000	9,000	12,000	12,000	18,000	22,000	28,000	33,600
Heating Capacity	Btu/h	9,600	9,500	13,000	13,000	19,000	23,000	28,400	34,600
SEER/EER *		16 / 10.05	16 / 10.00	16 / 10.05	16 / 9.23	16 / 9.37	16 / 9.73	16 / 9.30	16 / 8.20
HSPF/COP		9 / 3.3	9 / 3.5	9 / 3.1	9 / 3.1	9 / 2.8	9 / 2.9	8.2 / 2.9	8.2 / 2.7
Energy Star®		No							
Cooling Temperature Range	F	0~115	0~115	0~115	0~115	0~115	0~115	0~109	0~109
Heating Temperature Range	F	-4~75	-4~75	-4~75	-4~75	-4~75	-4~75	-4~75	-4~75
Compressor Type		G-10 Inverter Driven 2-Stage Rotary							
INDOOR UNIT		TW09HQ1C2AI	TW09HQ1C2DI	TW12HQ1C2AI	TW12HQ1C2DI	TW18HQ1C2DI	TW24HQ1C2DI	TW30HQ1B4DI	TW36HQ1B4DI
Air Flow (min-max)	CFM	170~318	170~318	194~400	194~400	282~471	529~706	412~736	412~736
Sound Level (min-max)	dB(A)	28~42	28~42	29~43	29~45	35~46	36~48	41~56	41~56
Dehumidification	pt/hr	1.7	1.7	3.0	3.0	3.8	5.3	6.3	7.4
Indoor Unit dimension (WxHxD)	in	31.1 x 10.8 x 7.8	31.1 x 10.8 x 7.8	33.2 x 11.3 x 8.2	33.2 x 11.3 x 8.2	38.1 x 11.8 x 8.8	42.4 x 12.7 x 9.6	39.4 x 31.2 x 16.8	39.4 x 31.2 x 16.8
Indoor Package Dimension (LxWxH)	in	34.0 x 10.6 x 14.4	34.0 x 10.6 x 14.4	36.2 x 11.0 x 14.9	36.2 x 11.0 x 14.9	40.9 x 15.1 x 12.5	45.2 x 16.2 x 13.7	42.5 x 33.1 x 19.1	42.5 x 33.1 x 19.1
Indoor Weight (Net/Gross)	lbs	20.9 / 25.4	19.8 / 24.3	22.0 / 27.5	23.1 / 28.6	29.7 / 36.4	37.5 / 45.2	41.9 / 57.3	41.9 / 57.3
OUTDOOR UNIT		TW09HQ1C2A0	TW09HQ1C2D0	TW12HQ1C2A0	TW12HQ1C2D0	TW18HQ1C2D0	TW24HQ1C2D0	TW30HQ1B4D0	TW36HQ1B4D0
Outdoor Sound Level	dB(A)	53	52	53	53	56	59	62	65
Outdoor Unit Dimension (WxHxD)	in	33.4 x 21.2 x 12.6	30.5 x 21.3 x 12.6	33.4 x 21.2 x 12.6	30.5 x 21.3 x 12.6	37.6 x 27.6 x 15.6	37.6 x 27.6 x 15.6	53.2 x 12.8 x 10.0	53.2 x 12.8 x 10.0
Outdoor Package Dimension (LxWxH)	in	34.6 x 14.3 x 23.4	34.6 x 14.3 x 23.4	34.7 x 14.3 x 23.4	33.5 x 14.3 x 23.4	40.5 x 18.0 x 29.5	40.5 x 18.0 x 29.5	56.6 x 16.5 x 13.5	56.6 x 16.5 x 13.5
Outdoor Weight (Net/Gross)	lbs	62.8 / 68.4	66.2 / 71.7	67.3 / 72.7	69.4 / 73.0	95.9 / 105.8	110.25 / 120.2	154.4 / 163.2	161.0 / 169.8
Refrigerant / Charge 410A	oz	24.7	24.7	31.8	30.0	49.4	65.3	84.7	91.7
Coil Type		Copper / Aluminum with BLUE FIN Coating							
INSTALLATION									
Line Set Size (Liquid - Suction)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 3/8	1/4 - 2/1	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8
Pre-Charge Length	ft	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
Max. Line Length	ft	49.2	49.2	65.6	65.6	82.0	82.0	98.0	98.0
Min. Elevation	ft	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
ELECTRICAL									
Rated Current Cooling	amp	10.9	4.0	12.4	5.8	8.5	10.0	17	20.0
Rated Current Heating	amp	10.2	3.6	13.5	5.6	8.9	10.2	17.5	20.0
MCA	amp	17	9	20	9	16	16	20	24
MOCP	amp	25	15	30	15	25	25	30	40
Interconnecting Wire		AWG 14/4							
Limited Warranty		7 Years on Compressor / 5 Years on Parts							

MULTI ZONE

MIX & MATO

E SYSTEMS

CH



MULTI ZONE SYSTEMS FEATURES



Timer



High Efficiency



Comprehensive Protection



Easier Maintainability



Intelligent Defrosting



Compact Design



Inner Groove Copper



Turbo Button



Wide Operation Range



Self-Diagnosis



Memory Function



Lock



Low Voltage Range



Wide Voltage Range



Weekly Timer



Centralized Control



Long Distance Monitoring



Wired Controller

FEATURES ○ Standart ● Optional

MIX & MATCH COMBINATIONS

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

G10 INVERTER TECHNOLOGY

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

-4°F LOW AMBIENT HEATING

Low ambient heating at -4°F at 100% capacity

MULTI ZONE

OUTDOOR UNITS UP TO 23 SEER, 5 ZONES



Timer



High Efficiency



Comprehensive Protection



Easier Maintainability



Intelligent Defrosting



Compact Design



Inner Groove Copper



Turbo Button



Wide Operation Range



Self-Diagnosis



Memory Function



Lock



Low Voltage Range



Wide Voltage Range



Weekly Timer



Centralized Control



Long Distance Monitoring



Wired Controller

FEATURES

○ Standart

● Optional



WARRANTY

5 year

limited parts warranty

7 year

limited compressor warranty

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.

CAPACITY & EFFICIENCY

Capacity Range: 18K - 48K BTU
SEER: Up to 23

MODEL NUMBER		TM18H40	TM24H40	TM30H40	TM36H40	TM42H30
Number of Zones		2	2~3	2~4	2~5	2~5
Compressor Type		DC Inverter-Driven Rotary				
Energy Star		Yes	Yes	Yes	Yes	
Coil Type		Copper Aluminum with Anti-Corrosion Coating				
PERFORMANCE - W/ NON - DUCTED INDOOR UNITS						
Cooling Capacity (min-max)	Btu/h	18,000 (7,000~21,000)	24,000 (7,500~33,000)	28,500 (8,200~33,400)	34,000 (8,900~35,800)	39,000 (8,900~40,900)
SEER/EER *		22 / 12.5	21 / 12.5	21 / 12.5	21 / 12.5	21 / 10.4
Heating Capacity (min-max)	Btu/h	19,000 (8,500~22,600)	19,000 (8,500~22,600)	19,000 (8,500~22,600)	19,000 (8,500~22,600)	19,000 (8,500~22,600)
HSPF/COP		11.0 / 3.7	11.0 / 3.7	11.0 / 3.7	11.0 / 3.7	10.2 / 3.6
OUTDOOR UNIT						
Cooling Temperature Range	F	0~118	0~118	0~118	0~118	0~118
Heating Temperature Range	F	-4~75	-4~75	-4~86	-4~86	-4~86
Sound Level	dB(A)	56	59	59	61	61
INSTALLATION						
Pre-Charge Length	ft	33	98	131	131	131
Total Line Length	ft	66	197	300	246	246
Length to Farthest Indoor Unit	ft	33	61	82	82	82
Elevation (ODU about IDU)	ft	32	32	49	49	49
Line Connection Size- Liquid Gas/Suction	Port A	1/4~3/8	1/4~3/8	1/4~3/8	1/4~3/8	1/4~3/8
	Port B	1/4~3/8	1/4~3/8	1/4~3/8	1/4~3/8	1/4~3/8
	Port C		1/4~3/8	1/4~3/8	1/4~3/8	1/4~3/8
	Port D			1/4~3/8	1/4~3/8	1/4~3/8
	Port E				1/4~3/8	1/4~3/8
ELECTRICAL						
Voltage / Phase / Hertz		208-230V / 1 / 60Hz	208-230V / 1 / 60Hz	208-230V / 1 / 60Hz	208-230V / 1 / 60Hz	208-230V / 1 / 60Hz
MCA	amp	16	23	20	23	24
MOCP	amp	25	30	30	35	40
DIMENSIONS						
Unit Dimension (WxDxH)	in	38.0 x 15.6 x 27.6	38.6 x 17.3 x 31.1	38.6 x 17.3 x 31.1	45.5 x 18.9 x 43.9	45.5 x 18.9 x 43.9
Package Dimension (LxWxH)	in	40.4 x 17.9 x 28.9	42.5 x 18.9 x 33.1	42.5 x 18.9 x 33.1	43.9 x 19.1 x 45.5	43.9 x 19.1 x 45.5
Outdoor Unit Weight (Net/Gross)	lbs	114.4 / 124.3	152.9 / 163.9	154.0 / 169.4	198.0 / 215.6	198.0 / 216.0
Limited Warranty		7 Years on Compressor / 5 Years on Parts				

MULTI ZONE

CEILING CASSETTE INDOOR UNITS



-  Timer
-  High Efficiency
-  Comprehensive Protection
-  Easier Maintainability
-  Intelligent Defrosting
-  Compact Design
-  Inner Groove Copper
-  Turbo Button
-  Wide Operation Range
-  Self-Diagnosis
-  Memory Function
-  Lock
-  Low Voltage Range
-  Wide Voltage Range
-  Weekly Timer
-  Centralized Control
-  Long Distance Monitoring
-  Wired Controller

FEATURES ○ Standart ● Optional



WARRANTY

5 year limited parts warranty | **7 year** limited compressor warranty

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.

CAPACITY & EFFICIENCY

Capacity Range: 12K - 24K BTU

MODEL NUMBER		TM12HKDI	TM18HKDI	TM24HKDI
Type		CASSETTE		
SYSTEM PERFORMANCE				
Voltage/Phase/Hertz	Btu/h	208-230V / 1 / 60Hz	208-230V / 1 / 60Hz	208-230V / 1 / 60Hz
Cooling Capacity	Btu/h	12,000	14,400	22,800
Heating Capacity	CFM	13,000	16,000	27,400
Airflow (min/max)	dB(A)	265 / 353	265 / 353	500 / 694
Sounds Level (min/max)	pt/hr	42 / 46	42 / 46	45 / 49
Dehumidification	dB(A)	3.0	3.8	5.3
DIMENSIONS				
Cabinet Dimensions (WxHxD)	in	224 x 9.1 x 224	224 x 9.1 x 224	33.1 x 10.2 x 33.1
Package Dimensions (LxWxH)	in	33.5 x 28.8 x 12.8	33.5 x 28.8 x 12.8	37.9 x 37.9 x 12.8
Weight (Net/Gross)	lbs	40 / 51	40 / 51	62 / 77
INSTALLATION				
Line Connection Size (Liquid - Gas/Suction)	in	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8
ACCESSORY (REQUIRED)				
Discharge Grille		Small	Small	Large
Grille Dimensions (WxHxD)	in	25.6 x 2.0 x 25.6	25.6 x 2.0 x 25.6	37.4 x 2.4 x 37.4
Weight (Net/Gross)	lbs	5.5 / 8.0	5.5 / 8.0	14.3 / 22.0

CEILING CASSETTE MUST BE PURCHASED WITH CASSETTE DISCHARGE GRILLE, WHICH COMES SEPARATELY

SUPER MULTI ZONE

OUTDOOR UNITS



Branch-box needed for installation for connecting outdoor to indoor units



Timer



High Efficiency



Comprehensive Protection



Easier Maintainability



Intelligent Defrosting



Compact Design



Inner Groove Copper



Turbo Button



Wide Operation Range



Self-Diagnosis



Memory Function



Lock



Low Voltage Range



Wide Voltage Range



Weekly Timer



Centralized Control



Long Distance Monitoring



Wired Controller

FEATURES

○ Standart

● Optional



WARRANTY

5 year

limited parts warranty

7 year

limited compressor warranty

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.

CAPACITY & EFFICIENCY

Capacity Range: 48K - 56K BTU
Seer: Up to 16

MODEL NUMBER		TM48H20	TM56H20
Number of Zones		8	9
Compressor Type		DC Inverter-Driven Rotary	
Energy Star		No	No
Coil Type		Copper Aluminum with Anti-Corrosion Coating	
PERFORMANCE - W/ NON - DUCTED INDOOR UNITS			
Cooling Capacity (min-max)	Btu/h	47,800 (3412 - 54,592)	52900 (3412 - 61416)
SEER/EER *		16.0 / 9.56	16.0 / 9.45
Dehumidification		54,600 (4,094 - 59,369)	61400 (4,094 - 63,122)
Heating Capacity (min-max)	Btu/h	8.2	8.2
OUTDOOR UNIT			
Cooling Temperature Range	F	5~118	5~118
Heating Temperature Range	F	-4~75	-4~75
Sound Level	dB(A)	55	57
INSTALLATION			
Total Line Length	ft	443	476
Length to Farthest Indoor Unit	ft	230	230
Elevation (ODU about IDU)	ft	98	98
Line Connection Size- Liquid Gas/Suction	in	3/8 - 5/8	3/8 - 5/8
ELECTRICAL			
Voltage / Phase / Hertz		208-230V / 1 / 60Hz	208-230V / 1 / 60Hz
MCA (Rated Current - Cooling)	amp	23	25
DIMENSIONS			
Unit Dimension (WxDxH)	in	35 x 15 x 53	476
Package Dimension (LxWxH)	in	39 x 18 x 55	39 x 18 x 55
Outdoor Unit Weight (Net/Gross)	lbs	256 / 279	256 / 279
Limited Warranty		7 Years on Compressor / 5 Years on Parts	

MULTI ZONE

SLIM DUCT INDOOR UNITS



- | | | | | | | | | |
|---|--|---|---|---|---|--|---|---|
| 
Timer | 
High Efficiency | 
Comprehensive Protection | 
Easier Maintainability | 
Intelligent Defrosting | 
Compact Design | 
Inner Groove Copper | 
Turbo Button | 
Wide Operation Range |
| 
Self-Diagnosis | 
Memory Function | 
Lock | 
Low Voltage Range | 
Wide Voltage Range | 
Weekly Timer | 
Centralized Control | 
Long Distance Monitoring | 
Wired Controller |

FEATURES ○ Standart ● Optional



WARRANTY

5 year limited parts warranty | **7 year** limited compressor warranty

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.

CAPACITY & EFFICIENCY

Capacity Range: 18K - 42K BTU
SEER: Up to 23

MODEL NUMBER		TM09HFDI	TM12HFDI	TM18HFDI	TM24HFDI
Type		Concealed Slim Duct			
SYSTEM PERFORMANCE					
Voltage / Phase / Hertz		208-230V / 1 / 60Hz	208-230V / 1 / 60Hz	208-230V / 1 / 60Hz	208-230V / 1 / 60Hz
Cooling Capacity	Btu/h	8,500	11,900	15,300	23,800
Heating Capacity	Btu/h	9,500	13,100	18,700	27,400
Airflow (min/max)	CFM	147 / 265	177 / 324	294 / 412	324 / 589
Sounds Level (min/max)	dB(A)	31 / 37	32 / 39	33 / 41	34 / 42
Dehumidification	pt/hr	1.7	3.0	3.8	5.3
INSTALLATION					
Line Connection Size (Liquid - Gas/ Suction)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8
DIMENSIONS					
Unit Dimension (WxDxH)	in	27.6 x 7.9 x 24.2	27.6 x 7.9 x 24.2	35.4 x 7.9 x 24.2	43.3 x 7.9 x 24.2
Package Dimension (LxWxH)	in	35.2 x 29.3 x 12.0	35.2 x 29.3 x 12.0	44.2 x 29.3 x 12.0	52.1 x 29.3 x 12.0
Weight (Net/Gross)	lbs	47 / 60	51 / 64	60 / 79	68 / 90

MULTI ZONE

MINI CONSOLE INDOOR UNITS



Timer



High Efficiency



Comprehensive Protection



Easier Maintainability



Intelligent Defrosting



Compact Design



Inner Groove Copper



Turbo Button



Wide Operation Range



Self-Diagnosis



Memory Function



Lock



Low Voltage Range



Wide Voltage Range



Weekly Timer



Centralized Control



Long Distance Monitoring



Wired Controller

FEATURES

○ Standart

● Optional



WARRANTY

5 year

limited parts warranty

7 year

limited compressor warranty

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.

CAPACITY & EFFICIENCY

Capacity Range: 9K - 18K BTU

MODEL NUMBER		TM09HEDI	TM12HEDI	TM18HEDI
Type		CONSOLE		
SYSTEM PERFORMANCE				
Voltage / Phase / Hertz		208-230V / 1 / 60Hz	208-230V / 1 / 60Hz	208-230V / 1 / 60Hz
Cooling Capacity	Btu/h	9,000	12,000	18,000
Heating Capacity	Btu/h	9,500	13,000	19,800
Airflow (min/max)	CFM	188 / 383	206 / 441	241 / 494
Sounds Level (min/max)	dB(A)	25 / 40	27 / 43	33 / 48
Dehumidification	pt/hr	1.7	3.0	3.8
INSTALLATION				
Line Connection Size (Liquid - Gas/Suction)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2
DIMENSIONS				
Unit Dimension (WxDxH)	in	27.6 x 23.6 x 8.5	27.6 x 23.6 x 8.5	27.6 x 23.6 x 8.5
Package Dimension (LxWxH)	in	31.1 x 11.3 x 28.0	31.1 x 11.3 x 28.0	31.1 x 11.3 x 28.0
Weight (Net/Gross)	lbs	33 / 40	33 / 40	33 / 40

MULTI ZONE

WALL-MOUNTED INDOOR UNITS



- | | | | | | | | | |
|---|--|---|---|---|---|--|---|---|
| 
Timer | 
High Efficiency | 
Comprehensive Protection | 
Easier Maintainability | 
Intelligent Defrosting | 
Compact Design | 
Inner Groove Copper | 
Turbo Button | 
Wide Operation Range |
| 
Self-Diagnosis | 
Memory Function | 
Lock | 
Low Voltage Range | 
Wide Voltage Range | 
Weekly Timer | 
Centralized Control | 
Long Distance Monitoring | 
Wired Controller |

FEATURES ○ Standart ● Optional



WARRANTY

5 year limited parts warranty | **7 year** limited compressor warranty

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.

CAPACITY & EFFICIENCY

Capacity Range: 9K - 24K BTU

MODEL NUMBER		TW09HQ2C2DI	TW12HQ2C2DI	TW18HQ2C2DI	TW24HQ2C2DI
Type		WALL MOUNTED			
SYSTEM PERFORMANCE					
Cooling Capacity	Btu/h	9,000	12,000	18,000	24,000
Heating Capacity	Btu/h	11,000	13,000	19,800	23,000
Airflow (min/max)	CFM	171 / 377	171 / 400	335 / 559	530 / 706
Sounds Level (min/max)	dB(A)	29 / 43	29 / 45	39 / 47	36 / 48
Dehumidification	pt/hr	1.7	3.0	3.8	4.2
INSTALLATION					
Line Connection Size (Liquid - Gas/Suction)	in	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8
DIMENSIONS					
Unit Dimension (WxDxH)	in	334 x 114 x 8.2	334 x 114 x 8.2	38.2 x 11.8 x 8.8	424 x 12.8 x 9.7

MULTI ZONE

FLOOR / CEILING CONSOLE INDOOR UNITS



- | | | | | | | | | | |
|---|---|--|---|---|---|--|---|---|--|
| 
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 ○ Standart ● Optional



WARRANTY

5 year limited parts warranty | **7 year** limited compressor warranty

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.

CAPACITY & EFFICIENCY

Capacity Range: 9K - 24K BTU

MODEL NUMBER		TM09HTDI	TM12HTDI	TM18HTDI	TM24HTDI
Type		FLOOR / CEILING			
SYSTEM PERFORMANCE					
Voltage / Phase / Hertz		208-230V / 1 / 60Hz	208-230V / 1 / 60Hz	208-230V / 1 / 60Hz	208-230V / 1 / 60Hz
Cooling Capacity	Btu/h	8,5000	11,900	17,000	22,800
Heating Capacity	Btu/h	9,500	13,100	18,700	27,400
Airflow (min/max)	CFM	265 / 383	265 / 383	294 / 559	412 / 736
Sounds Level (min/max)	dB(A)	36 / 40	36 / 40	40 / 45	44 / 48
Dehumification	pt/hr	1.7	3.0	3.8	5.3
INSTALLATION					
Line Connection Size (Liquid - Gas/Suction)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	3/8 - 5/8
DIMENSIONS					
Unit Dimension (WxDxH)	in	48.0 x 27.6 x 8.9	48.0 x 27.6 x 8.9	48.0 x 27.6 x 8.9	48.0 x 27.6 x 8.9
Package Dimension (LxWxH)	in	52.9 x 32.4 x 12.4	52.9 x 32.4 x 12.4	52.9 x 32.4 x 12.4	52.9 x 32.4 x 12.4
Weight (Net/Gross)	lbs	88 / 110	88 / 110	88 / 110	45 / 119

MULTI ZONE - OUTDOOR / INDOOR UNIT COMBINATION CHART

For Multi Zone 18K - 42K BTU Outdoor Units:

4 COMBINATIONS		11 COMBINATIONS						
18K BTU Outdoor 	One Unit	Two Units		24K BTU Outdoor 	Two Units		Three Units	
	9	9 + 9	9 + 12		9 + 9	9 + 12	9 + 9 + 9	9 + 12 + 12
	9,900	-	-		9 + 18	12 + 12	9 + 9 + 12	9 + 9 + 18
					12 + 18	18 + 18	12 + 12 + 12	-
24 COMBINATIONS								
30K BTU Outdoor 	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								
36K BTU Outdoor 	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								
42K BTU Outdoor 	Two Units		Three Units		Four Units		Five Units	
	9 + 9	18 + 18	9 + 9 + 9	9 + 12 + 24	9 + 9 + 9 + 9		9 + 9 + 9 + 9 + 9	
	9 + 12	18 + 21	9 + 9 + 12	9 + 18 + 18	9 + 9 + 9 + 12		9 + 9 + 9 + 9 + 12	
	9 + 18	18 + 24	9 + 9 + 18	9 + 18 + 21	9 + 9 + 9 + 18		-	
	9 + 21	21 + 21	9 + 9 + 21	12 + 12 + 12	9 + 9 + 9 + 21		-	
	9 + 24	21 + 24	9 + 9 + 24	12 + 12 + 18	9 + 9 + 12 + 12		-	
	12 + 12	24 + 24	9 + 12 + 12	12 + 12 + 21	9 + 9 + 12 + 18		-	
	12 + 18	-	9 + 12 + 18	12 + 12 + 24	9 + 12 + 12 + 12		-	
	12 + 21	-	9 + 12 + 21	12 + 18 + 18	9 + 12 + 12 + 18		-	
12 + 24	-	9 + 12 + 24	12 + 18 + 21	12 + 12 + 12 + 12		-		

SUPER MULTI ZONE - OUTDOOR / INDOOR UNIT COMBINATION CHART

For Super Multi Zone 48K - 56K BTU Outdoor Units:

142 COMBINATIONS

48K BTU Outdoor	Two Units	Three Units		Four Units			Five Units		Six Units	Seven Units	Eight Units
	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+9+24	9+12+21+24	12+18+18+21	9+9+9+12+12	9+12+12+12+12	9+9+9+9+9+12+12	-	-	
12+24	9+12+18	12+21+24	9+9+12+12	9+12+24+24	12+18+18+24	9+9+9+12+18	9+12+12+12+18	9+9+9+9+9+12+18	-	-	
18+18	9+12+21	12+24+24	9+9+12+18	9+18+18+18	12+18+21+21	9+9+9+12+21	9+12+12+12+21	9+9+9+9+9+12+21	-	-	
18+21	9+12+24	18+18+18	9+9+12+21	9+18+18+21	-	9+9+9+12+24	9+12+12+12+24	9+9+9+9+9+12+24	-	-	
18+24	9+18+18	18+18+21	9+9+12+24	9+18+18+24	-	9+9+9+18+18	9+12+12+18+18	9+9+9+9+12+12+12	-	-	
21+21	9+18+21	18+18+24	9+9+18+18	9+18+21+21	-	9+9+9+18+21	9+12+12+18+21	9+9+9+9+12+12+18	-	-	
21+24	9+18+24	18+21+21	9+9+18+21	9+18+21+24	-	9+9+9+18+24	12+12+12+12+12	9+9+9+9+12+12+21	-	-	
24+24	9+21+21	18+21+24	9+9+18+24	12+12+12+12	-	9+9+9+21+21	12+12+12+12+18	9+9+9+12+12+12+12	-	-	
-	9+21+24	21+21+21	9+9+21+21	12+12+12+18	-	9+9+9+21+24	12+12+12+12+21	9+9+9+12+12+12+18	-	-	
-	9+24+24	21+21+24	9+9+21+24	12+12+12+21	-	9+9+12+12+12	12+12+12+12+24	-	-	-	
-	12+12+12	21+24+24	9+12+2+12	12+12+12+24	-	9+9+12+12+18	12+12+12+18+18	-	-	-	
-	12+12+18	24+24+24	9+12+12+18	12+12+18+18	-	9+9+12+12+21	-	-	-	-	



18 + 21 + 21

56K BTU Outdoor	Two Units	Three Units		Four Units			
	9+18	9+9+12	12+12+18	21+21+21	9+9+9+9	9+12+12+12	9+18+24+24
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+24+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



PTAC UNITS

PACKAGED TERMINAL AIR CONDITIONERS



- | | | | | | | | | | |
|---|---|--|---|---|---|--|---|---|--|
| 
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 ○ Standart ● Optional



WARRANTY

- 5 year** limited parts warranty
- 7 year** limited compressor warranty

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

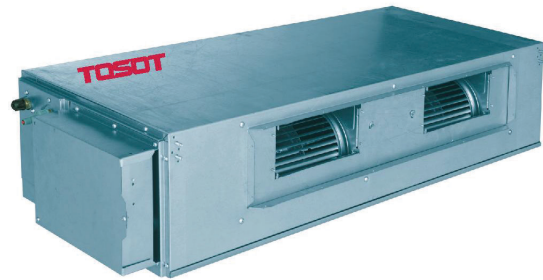
Press "Turbo" button on remote controller to enjoy a larger air flow, which enables the indoor temperature to reach the set temp in a shorter time.

CAPACITY & EFFICIENCY

Capacity Range: 9K - 15K BTU

COOLING W/ ELECTRIC HEATING									
Model Number		TAE07AE-D3NRNB5G(CP)	TAE09AE-D3NRNB5G(CP)	TAE12AE-D3NRNB5G(CP)	TAE15AE-D3NRNB5G(CP)	TAE07AE-P3NRNB5G(CP)	TAE09AE-P3NRNB5G(CP)	TAE12AE-P3NRNB5G(CP)	TAE15AE-P3NRNB5G(CP)
Voltage Rating		208/2	208/2	208/2	208/2	265	265	265	265
Cooling	Btu/h	7,000/7,200	9,200/19,400	11,600/11,800	14,200/14,500	7,200	9,400	11,800	14,500
Power Cord Selection	amp	15,20	15,20	15, 20 & 30	15, 20 & 30	15,20	15,20	15, 20 & 30	15, 20 & 30
Energy Efficiency Rating		13.0	12.1	11.6	10.4	13.0	12.1	11.6	10.4
Cooling	Wat	535/550	760/775	1,000/1,015	1,365/1,390	550	775	1,015	1,390
Cooling	amp	2.9/2.7	3.9/3.7	5.1/4.9	6.7/6.2	24	3.3	4.2	5.4
CFM Low/Hi		282/312	294/329	306/341	306/341	282/312	294/329	306/341	306/341
Dehumidification	pt/hr	1.69	2.11	2.75	3.17	1.69	2.11	2.75	3.17
Weight (Net/Ship)		104.5/124.3	113.3/133.1	117.0/137.5	118.8/138.6	105.6/125.4	113.3/133.1	116.6/136.4	118.8/138.6
COOLING & HEAT PUMP W/ BACKUP ELECTRIC HEATING									
Model Number		TAA07AE-D3NRNB5G(CP)	TAA09AE-D3NRNB5G(CP)	TAA12AE-D3NRNB5G(CP)	TAA15AE-D3NRNB5G(CP)	TAA07AE-P3NRNB5G(CP)	TAA09AE-P3NRNB5G(CP)	TAA12AE-P3NRNB5G(CP)	TAA15AE-P3NRNB5G(CP)
Voltage Rating		208/2	208/2	208/2	208/2	265	265	265	265
Cooling	Btu/h	7,000/7,200	9,200/19,400	11,600/11,800	14,200/14,500	7,200	9,400	11,800	14,500
Reverse Cycle	Btu/h	5,800/6,000	8,100/8,300	10,400/10,600	13,000/13,300	6,000	8,300	10,600	13,300
Power Cord Selection	amp	15,20	15,20	15, 20 & 30	15, 20 & 30	15,20	15,20	15, 20 & 30	15, 20 & 30
Energy Efficiency Rating		13.0	12.1	11.6	10.4	13.0	12.1	11.6	10.4
COP		3.6/3.6	3.5/3.5	3.4/3.4	3.1/3.1	3.6	3.5	3.4	3.1
Cooling	Wat	535/550	760/775	1,000/1,015	1,365/1,390	550	775	1,015	1,390
Cooling	amp	2.9/2.7	3.9/3.7	5.1/4.9	6.7/6.2	24	3.3	4.2	5.4
Reverse Cycle Heating	Wat	470/485	675/695	895/910	1,225/1,255	485	695	910	1,255
Reverse Cycle Heating	amp	2.6/2.4	3.4/3.2	4.7/4.2	6.7/6.2	2.2	3.1	3.7	5.2
CFM Low/Hi		282/312	294/329	306/341	306/341	282/312	294/329	306/341	306/341
Dehumidification	pt/hr	1.69	2.11	2.75	3.17	1.69	2.11	2.75	3.17
Weight (Net/Ship)		111.1/130.9	117.7/137.5	119.9/139.7	122.1/141.9	110.1/129.8	117.7/137.5	117.7/137.5	119.9/141.9
POWER CORDS									
Model Number		E2CORD-230V15A	E2CORD-230V20A	E2CORD-230V30A	E2CORD-265V15A	E2CORD-265V20A	E2CORD-265V30A		
Voltage Rating		208/2	208/2	208/2	265	265	265		
Electric Heating	Btu/h	6,800/8,300	9,600/11,700	13,900/17,000	8,300	11,700	17,000		
Heater KW		245	345	5.0	245	345	5.0		
Electric Heating	Wat	2,003/2,450	2,821/3,450	4,089/5,000	2,450	3,450	5,000		
Electric Heating	amp	9.7/10.7	13.6/15.0	19.7/21.8	9.3	13.1	18.9		
Minimum Circuit	amp	14	19	28	12	17	24		
Receptacles Type		Tandem	Perpendicular	Large Tandem	265V15 Amp	265V20 Amp	265V30 Amp		
NEMA Number		6-15P	6-20P	6-30P	7-15P	7-20P	7-30P		
Breaker Size		15	20	30	15	20	30		

UMATCH SERIES



WARRANTY

5 year
limited parts warranty

7 year
limited compressor warranty

MODEL		TU18H30	TU24H30	TU30H30	TU36H30	TU42H30	TU48H30
TYPE		HEAT PUMP					
SYSTEM PERFORMANCE							
Cooling Capacity	Btu/h	17,100	23,800	28,200	34,000	39,500	48,000
Heating Capacity	Btu/h	18,800	27,200	31,200	41,000	44,000	54,500
SEER/EER *		38/16.7	30.5/15.3	24.5/13.5	21.5/13.0		
Energy Star®		No					
Cooling Temperature Range	F	0~118	0~118	0~118	0~118	0~118	0~118
Heating Temperature Range	F	0~75	0~75	0~75	0~75	0~75	0~75
OUTDOOR UNIT							
Compressor Type		G-10 Inverter Driven Rotary					
Sound Level (min-max)	dB(A)	56	57	58	63	61	59
Unit Dim (WxHxD)	in	37.6 x 27.5 x 15.6	38.6 x 31.1 x 16.8	38.6 x 31.1 x 16.8	43.6 x 43.3 x 17.4	37.8 x 53.1 x 16.3	37.8 x 53.1 x 16.3
Package Dim (WxHxD)	in	40.5 x 29.5 x 18.0	42.6 x 33.7 x 19.2	42.6 x 33.7 x 19.2	45.6 x 48.6 x 19.4	41.1 x 59.1 x 17.8	41.1 x 59.1 x 17.8
Weight (Net /Gross)	lbs	105.6/114.4	151.8/162.8	158.4/169.4	204.6/222.2	209.0/232.0	231.0/253.0
Refrigerant Charge - R410A	oz	49.6	78.4	84.8	123.2	131.2	140.8
OUTDOOR UNIT							
Outdoor Sound Level	dB(A)	53	53	59	59		
Outdoor Unit Dimension (WxHxD)	in	35.4x23.5x14.9	35.4x23.5x14.9	38.6x31.1x16.8	38.6x31.1x16.8		
Outdoor Package Dimension (LxWxH)	in	37.3x25.4x16.5	37.3x25.4x16.5	42.6x33.7x19.2	42.6x33.7x19.2		
Outdoor Weight (Net/Gross)	lbs	99.2 / 105.8	99.2 / 105.8	141.1 / 152.1	147.7 / 158.8		
Refrigerant / Charge 410A	oz	45.9	49.4	74.1	81.1		
Coil Type		Copper/ Aluminum With Acrylic Resin / Anti-Corrosion Protection					
INSTALLATION							
Line Set Size (Liquid - Suction)	in	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Pre-Charge Length	ft	25	25	25	25	25	25
Max. Line Run	ft	164	164	164	164	164	230
Min. Elevation	ft	49	49	49	49	49	49
ELECTRICAL							
Voltage/Phase/Hertz		208-230V/1/60Hz	208-230V/1/60Hz	208-230V/1/60Hz	208-230V/1/60Hz	208-230V/1/60Hz	208-230V/1/60Hz
Rated Current Cooling	amp	12.8	19.4	20.0	23.8	24.6	34.3
Rated Current Heating	amp	12.3	20.5	21.0	24.3	24.8	33.3
MCA	amp	17	24	24	29	31	45
MOCP	amp	25	40	40	45	50	70
Interconnecting Wire		AWG 18/2					
Limited Warranty		7 Years on Compressor / 5 Years on Parts					

TOSOT

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