

TOSOT Product Line-up 2023

Table of Contents

DFS Single Zones:

- **Single Zone Systems - Entry Level - Up to 19 SEER**
- **Single Zone Systems - Mid Level - Up to 25 SEER**
- **Single Zone Systems - High Level - Up to 38 SEER**

DFS Multi Zones:

- **Outdoor Units**
 - **Multi Zone Manhattan (HMO) Series Condensers (18K - 42K BTU)**
 - **Multi Zone ULTRA Series Outdoor Units (18K - 42K BTU)**
- **Indoor Units**
 - **Ceiling Cassettes**
 - **Slim/Concealed Ducts**
 - **Mini-consoles**
 - **Floor/Ceiling Consoles**
 - **Wall-mounted Units**

Central Ducted Heat Pump Systems

Single Zone Systems - Entry Level



Capacity	9k-24k
Voltage	115V, 230V
HSPF	9.8(HSPF)8.6(HSPF2)
EER	11.3
SEER	19.5(SEER)19.5(SEER2)

- HIGH EFFICIENCY, UP TO 19.5 SEER2 / 8.6 HSPF2
- SLEEK LOOK TO BLEND WITH YOUR DECOR
- PRECISE AIRFLOW CONTROL
- BUILT-IN WIFI
- AUTO - CLEAN FUNCTION

- G10 inverter technology
- I-Feel function
- Multiple fan speeds
- Sleep function
- Acrylic resin coil coating
- Dehumidification
- Intelligent preheating
- Automatic voltage adaption
- Low voltage start-up
- Self-diagnosis
- Swing louver control
- LED display settings
- Privacy lock mode
- Cooling range: -4°F - 122°F
- Heating range: -13°F - 75°F
- Auto-Clean

Single Zone Systems - Mid Level



Capacity	9k-36k
Voltage	115V, 230V
HSPF	Up to 12
EER	Up to 14.6
SEER	Up to 26.5

- HIGH EFFICIENCY, UP TO 26.5 SEER / 12 HSPF
- SLEEK LOOK TO BLEND WITH YOUR DECOR
- PRECISE AIRFLOW CONTROL
- BUILT-IN WIFI
- AUTO - CLEAN FUNCTION

- G10 inverter technology
- I-Feel function
- Multiple fan speeds
- Sleep function
- Acrylic resin coil coating
- Dehumidification
- Intelligent preheating
- Automatic voltage adaption
- Low voltage start-up
- Self-diagnosis
- Swing louver control
- LED display settings
- Privacy lock mode
- Cooling range: -4°F - 122°F
- Heating range: -13°F - 75°F
- Auto-Clean

Single Zone Systems - High Level



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

- HIGH EFFICIENCY, UP TO 38 SEER / 15 HSPF
- ULTRA HEATING: -22°F HEATING, 80% HEATING CAPACITY;
-4°F HEATING, 100% HEATING CAPACITY
- TURBO COOLING: "TURBO" BUTTON ON REMOTE CONTROLLER TO ENJOY A LARGER AIR FLOW
- BUILT-IN WIFI
- AUTO - CLEAN FUNCTION

Multi Zone Manhattan (HMO) Series Condenser



Capacity	18-42k
Voltage	230V
HSPF	10
SEER	21
Zones	2-5

- HIGH EFFICIENCY, UP TO 21 SEER2 / 10 HSPF2
- HEAT AND COOL UP TO 5 ZONES WITH ONE OUTDOOR UNIT
- 4 UNIQUE OPTIONS FOR INDOOR UNIT
- IDEAL FOR RESIDENTIAL AND COMMERCIAL SPACES

- G10 inverter technology
- Sound levels down to 53 dB(A) on outdoor unit
- Cooling range: -22°F - 118°F
- Heating range: -22°F - 75°F
- Self-diagnosis
- Indoor units powered by outdoor unit
- Intelligent defrost
- Automatic voltage adaptation
- Small "Foot Print" design

Multi ULTRA Series Outdoor Units



Capacity	18-42k
Voltage	230V
HSPF	10
SEER	23
Zones	2-5

- HIGH EFFICIENCY, UP TO 23 SEER2 / 10 HSPF2
- IDEAL FOR HARSH CLIMATES: -31° F - 115° F
- CONNECT UP TO 5 INDOOR UNITS (ZONES) TO OUTDOOR SYSTEM
- 4 UNIQUE OPTIONS FOR INDOOR UNIT

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			●	●	●	

Multi Zone Indoor - Ceiling Cassettes



TOSOT's ceiling cassette will inconspicuously provide quiet performance through innovative design. The ceiling cassette is suitable for any room and can be easily installed in a suspended ceiling with only a discreet decorative discharge grille visible.

Capacity	12-24k
Voltage	230V

- 4-Way discharge air
- Multiple fan speeds
- Swing louver control
- Automatic voltage adaption
- Sentry float switch
- Internal condensate drain pump
- Decorative discharge air grille (sold separately)
- Remote & wired controller options

Multi Zone Indoor - Slim/ Concealed Ducts



Compact and powerful, the high static slim duct offers the ultimate in flexibility and discretion. Concealed above a suspended ceiling or within open closet spaces to deliver conditioned air via extended ducting and suitable ceiling or wall grilles.

Capacity	9-24k
Voltage	230V

- High static pressure capability
- Slim line construction
- Outside air capability
- Cleanable air filter
- Internal condensate pump
- Sentry float switch
- Remote & wired controller options
- I-Feel function

Multi Zone Indoor - Mini-consoles



TOSOT's Mini Console indoor units are aesthetically pleasing and the perfect size for any room. It can be mounted as low as six inches above the floor and has front panel access to the filter for ease of cleaning.

Capacity	9-18k
Voltage	230V

- 4-Way discharge air
- Multiple fan speeds
- Comfortable sleep mode
- Swing louver
- Cleanable air filter
- Dry coil mode for anti-mildew protection
- IR remote control included

Multi Zone Indoor - Floor/Ceiling Consoles



Our universal floor/ceiling indoor units are designed to be suspended from a ceiling or mounted low on a wall. The slender and lightweight design is perfect for restaurants or hallways where wall space is limited.

Capacity	9-24k
Voltage	230V

- 4-Way discharge air
- Multiple fan speeds
- Sleep function
- Swing louver control
- Washable, polymeric air filters
- Privacy lock mode
- Automatic voltage adaption
- Remote & wired controller options

Multi Zone Indoor - Wall Mounted



Capacity	9-24k
Voltage	230V

		TWH09AG25A2DI /	TWH12AG25A2DI /	TWH18AG25A2DI /	TWH24AG25A2DI
System Type		HEAT PUMP			
Cooling Capacity - Nominal	Btu/h	9000	12000	18000	22000
Heating Capacity - Nominal	Btu/h	9000	12200	18000	24000
Energy Star®		Check Outdoor Unit Match-ups for Energy Star Qualification			
Air Flow (Min-Max)	CFM	206 - 424	235 - 500	353 - 736	383 - 824
Sound Pressure Level (Cooling / Heating)	dB(A)	19 - 46 / 19 - 46	22 - 49 / 22 - 49	34 - 51 / 34 - 51	27 - 54 / 37 - 55
Dehumidification	pt/hr	1.69	2.96	3.8	4.23
Condensate Drain Size	in	5/8	5/8	5/8	5/8
Unit Dimension (WxHxD)	in	39 7/8 x 12 1/8 x 8 3/4	39 7/8 x 12 1/8 x 8 3/4	44 3/16 x 13 x 9 13/16	44 3/16 x 13 x 9 13/16
Package Dimension (WxHxD)	in	42 7/16 x 14 13/16 x 11 13/16	42 7/16 x 14 13/16 x 11 13/16	46 7/8 x 16 x 13 3/16	46 7/8 x 16 x 13 3/16
Weight (Net / Gross)	lbs	29.8 / 36.4	29.8 / 36.4	36.4 / 44.1	35.3 / 41.9
Line Set Size (Liquid - Gas)	in	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8
Power Supply		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			

UNIX Unitary Central Ducted Heat Pump Systems



Model 1	TU36-24ADU (2-3 Ton Convertible)
Model 2	TU60-24ADU (4-5 Ton Convertible)

- Outdoor unit efficiency is up to 20 SEER & 10.5 HSPF.
- Multi-position Air Handlers.
- Adopts the two-stage compression EVI technology, small performance decline at extremely hot or cold area.
- Compatible with most standard 24V thermostat (eg. Nest, Ecobee).
- D.C Inverter technology, quieter, more comfortable.
- Installation similar to traditional central ducted systems.

Remote Controls Chart

Controlling system		Product Series		Wall mounted type			Duct type	Cassette type	Floor ceiling type	Console type
				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				○		○	○		

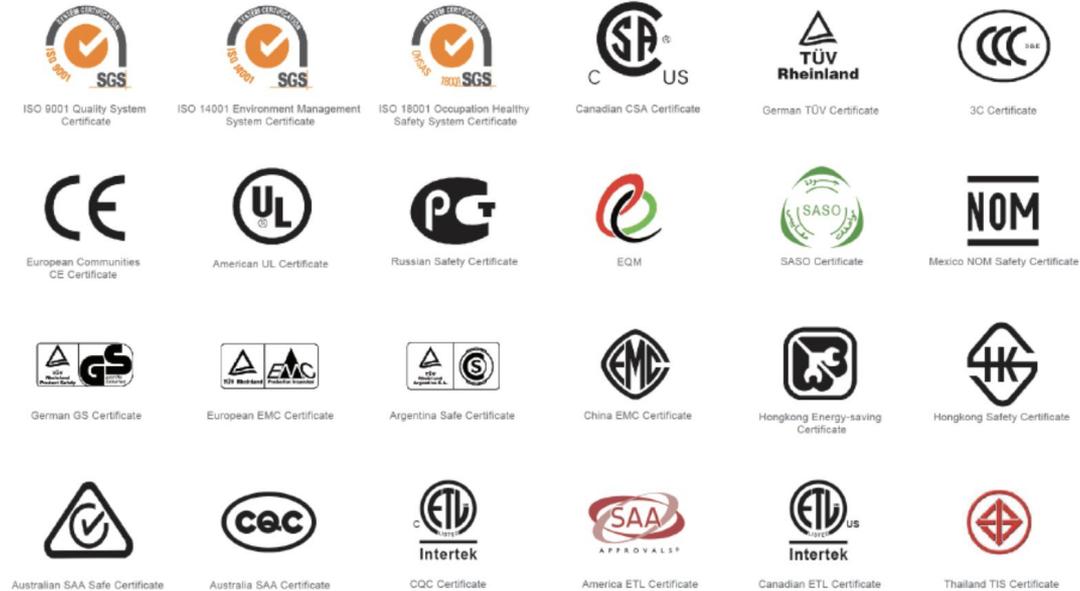
● standard ○ optional

Product Warranty

**10 YEARS WARRANTY ON
PARTS AND COMPRESSOR**



THANK YOU!



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