



# Multizone ductless heat pump

## SERIES-T 23 SEER Multizone

**WARRANTY**  
10 ON THE COMPRESSOR YEARS  
2 ON THE PARTS YEARS  
**Limited**



R410A

heating up to

-20°C

23 SEER IN AIR CONDITIONING

10 HSPF IN HEATING



## FEATURES

### Operating Modes:

- **Cool:** This function allows the heat pump to cool the room while reducing humidity.
- **Heating (Heat):** This function allows the heat pump to heat the room.
- **Dehumidification (Dry):** This function reduces the humidity in the air to make the room more comfortable.
- **Ventilation (Fan):** This function allows the heat pump to ventilate the room only.
- **Automatic (Auto):** In AUTO mode, the operating mode will be set automatically according to the temperature. will be set automatically according to the room temperature.
- **Sleep:** After 10 hours of operation in sleep mode, the heat pump will turn off, the heat pump will automatically turn off.
- **Eco:** In this mode, the unit is automatically set to an energy saving function.

### Control:

- Remote control
- Intelligent control by wifi technology.
- Temperature display in °C or °F

### Application:

Residential, commercial building, office buildings, condos, restaurant, etc.

### Indoor unit:

- Wall installation
- Four speed fan (auto, high, medium, low)
- Moisture removal : de 1.1 L/h à 2.6 L/h
- Very low sound level, close to a whisper.

### Feed:

208/230V, 60 Hz, 1 Phase.

### Powers available:

18000, 27000 et 36000 BTU/h.

### Outdoor unit:

GMCC (Toshiba) variable speed compressor  
Very quiet unit.

### Communication wires:

Copper wire 4/16 AWG

### Connecting copper piping between units:

- Hose of 1/4" à 1/2"
- Factory preloaded length: 25 Pi (7.5m)



Thread heating



Defrosting intelligent



Preheating intelligent



Restart automatic restart



Auto-cleaning



Auto-diagnosis



Mode sleep



Mode turbo



Up/down oscillation left/right



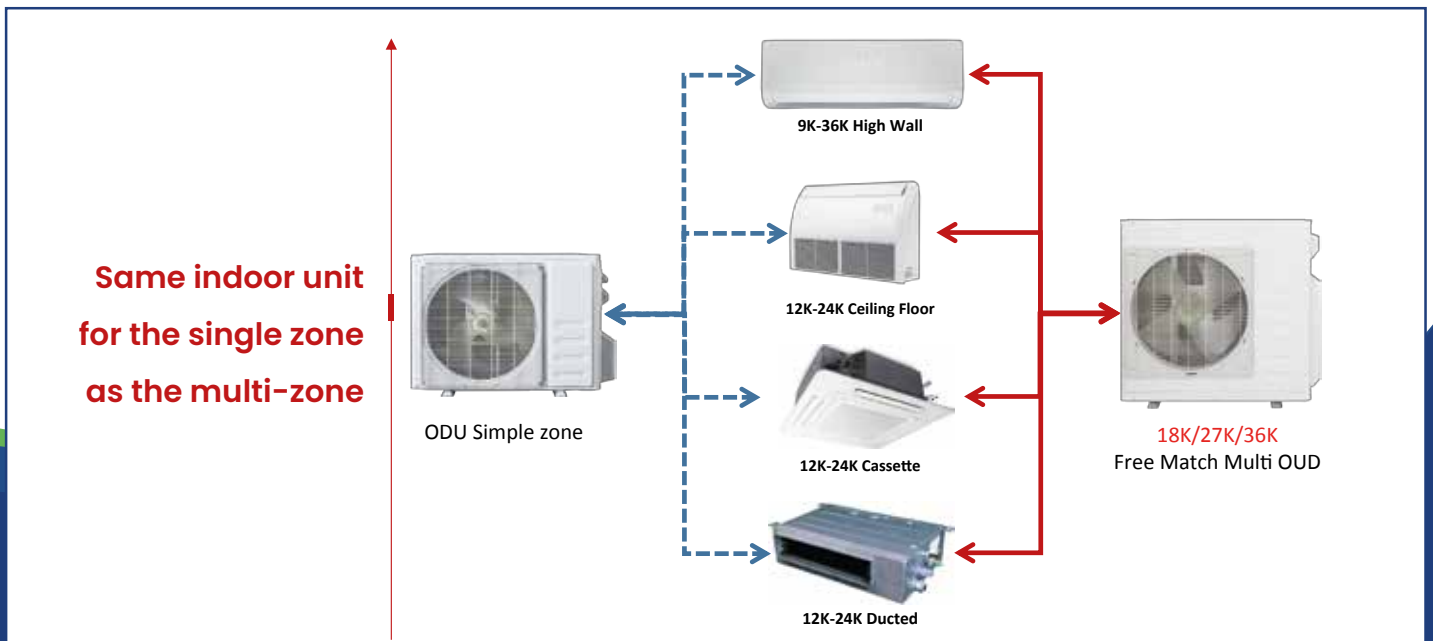
Timer



I Feel

# TECHNICAL SPECIFICATIONS, SERIES-T 23 SEER MULIZONE

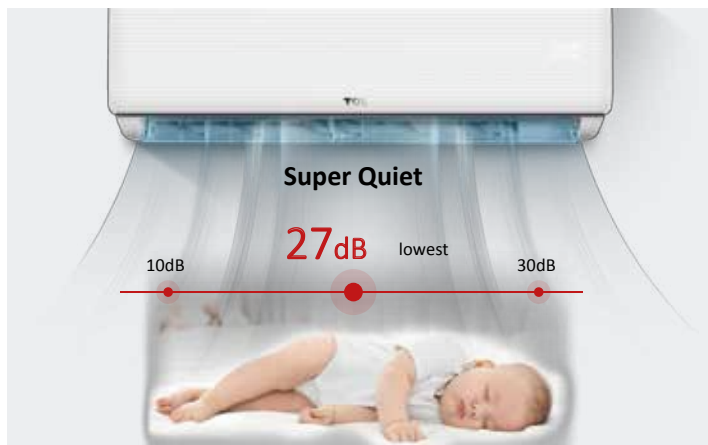
23 SEER Free-match Technical Specifications		2 zones	3 zones	4 zones
MODELS		TUM-GL-18HA2 / 02-ES	TUM-GL-27HA2 / 03-ES	TUM-GL-36HA2 / 04-ES
Unités murales intérieures compatibles		TSC-GL-09HA2/I3TI23 ** TSC-GL-12HA2/I3TI23 ** TSC-GL-18HA2/I3TI21		
Type		cooling & heating	cooling & heating	cooling & heating
Power supply		208/230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P
Rated cooling capacity 95°F/35°C	Btu/h	17000	24000	32000
Rated heating capacity 47°F/8.33°C	Btu/h	19600	26000	35000
Rated heating capacity 17°F/-8.33°C	Btu/h	12000	18000	21000
SEER	Btu/W.h	22,0	22,0	21,5
EER 95°F/35°C	Btu/W.h	12,5	12,5	12,5
HSPF4	Btu/W.h	10,0	10,0	10,0
HSPF5	Btu/W.h	8,0	8,0	8,0
COP 47°F/8.33°C	W/W	3,5	3,5	3,5
COP 5°F/-15°C	W/W	1,75	1,75	1,75
Min. Circuit Ampacity	A	12	14	17
Max. Ckt, Bkr (MOP)	A	15	20	25
Max. Fuse size	A	15	20	25
Compressor	Brand	SANYANG	SANYANG	GMCC
Condensor	Length(L) × Height(H) × Width(W)	mm	623x660x223	764x756x303
Noise level		dB(A)	56	58
Connecting Pipe	Gas	inches	3/8	3/8
	Liquid	inches	1/4	1/4
Throttling mode	Capillary/EEV.		EEV	EEV
Refrigerant quantity	OZ	65,26	77,6	141
Net dimensions (W x H x D)	mm	845x380x699	900x360x805	1005x400x910
Net weight	kg	44	56	75,5
Factory PreCharge Line	m	7,5	7,5	7,5
Total length of liquid pipe	m	30	45	60
MXimum Line Length-	m	20	20	20
MXimum Height Difference Between Indoor and Outdoor	m	10	10	10
Room temperature	Indoor(cooling/ heating)	°C	16°C~30°C	16°C~30°C
	Outdoor(cooling/heating)	°C	-15~50°C / -20~30°C	-15~50°C / -20~30°C





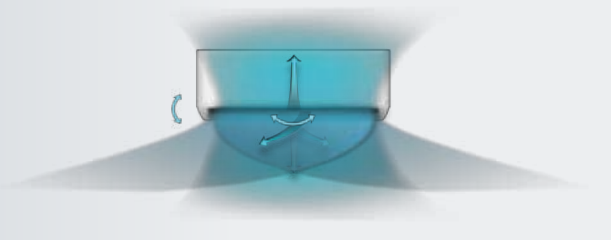
RECOMMENDED MULTI-ZONE COMBINATIONS				
OUTDOOR UNITS		INDOOR UNITS (1 000 btu/h)		
MODEL NUMBER	CAPACITY	2 ZONES	3 ZONES	4 ZONES
TUM-GL-18HA2 / 02-ES	18 000 BTU/H	9 + 9	-	-
		9 + 12	-	-
		12 + 12	-	-
TUM-GL-27HA2 / 03-ES	27 000 BTU/H	9 + 9	9 + 9 + 9	-
		9 + 12	9 + 9 + 12	-
		9 + 18	9 + 9 + 18	-
		12 + 12	9 + 12 + 12	-
		12 + 18	12 + 12 + 12	-
		18 + 18	-	-
TUM-GL-36HA2 / 04-ES	36 000 BTU/H	12 + 12	9 + 9 + 9	9 + 9 + 9 + 9
		12 + 18	9 + 9 + 12	9 + 9 + 9 + 12
		18 + 18	9 + 9 + 18	9 + 9 + 9 + 18
		-	9 + 12 + 12	9 + 9 + 12 + 12
		-	12 + 12 + 12	12 + 12 + 12 + 12
		-	12 + 12 + 18	-
		-	12 + 18 + 18	-

**COMFORTABLE**

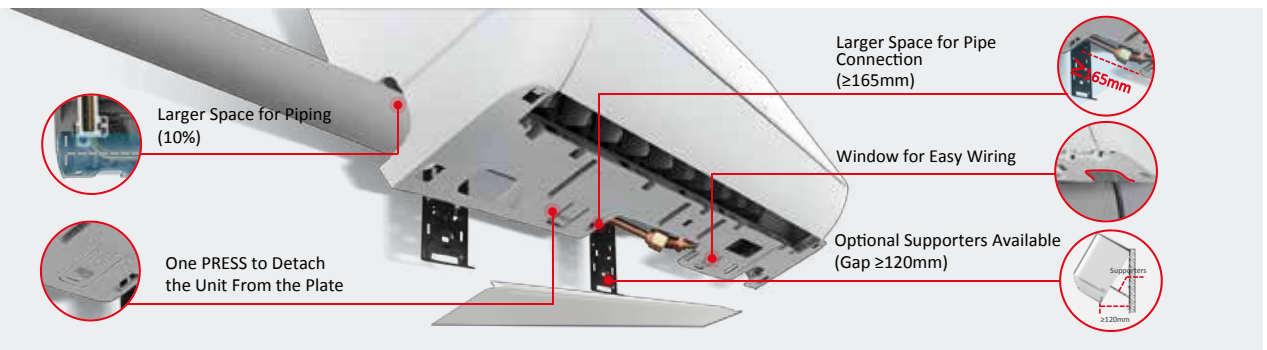


**4-way Air Supply  
Vertical/Horizontal Auto Swing**

4-way airflow function provides users a wide range of comfortable air.



**EASY  
INSTALLATION**



## T-PRO 23 SEER SERIES COOL & HEAT

- 9K-24K Energy star & Neep models
- Detachable bottom plate for easy installation
- Quick replacement PCB for easy maintenance
- Comfortable gentle cool air flow
- Rapid cooling up to 30 seconds
- 131°F strong cooling in high ambient temp.
- Low ambient heating -13°F
- 133°F high temperature self cleaning and sterilization
- DIY Guidance Card
- 4 way air flow
- Anti cold air
- Sleep mode
- Eco mode

Specifications subject to change without notice

## SMART CONTROL OF AIR CONDITIONER

\*Optional



 **USB-WIFI**

 **WIFI Control**  
Remote control of the AC.

 **AI Voice Control**  
Voice control based on deep neural network.

