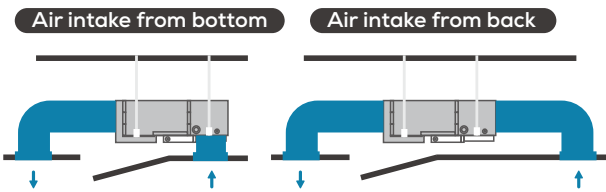


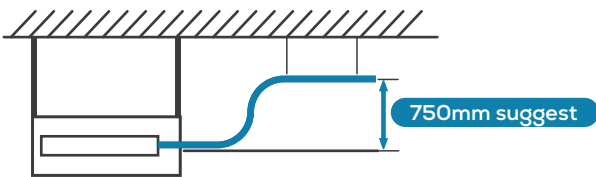
Flexible Air-intake Position

It is optional to have air inlet from back or bottom with the same size of plate, which will be very flexible and convenient for installation.



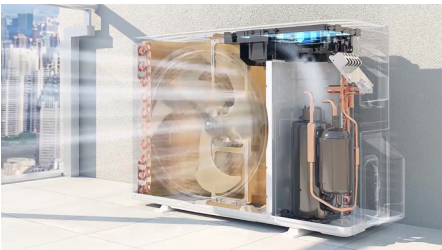
Bult-in Water Pump up to Max 1200mm

The drainage pump can lift the condensing water up to Max 1200mm.



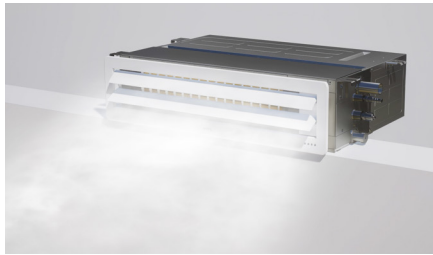
High temperature cooling

It can provide excellent cooling at high ambient temperature.



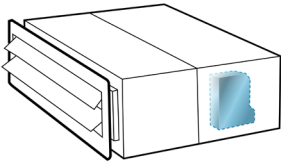
120Pa MSP Duct

Users can easily control the air-con outside the house via smart device, it provides convenient and intelligent life.



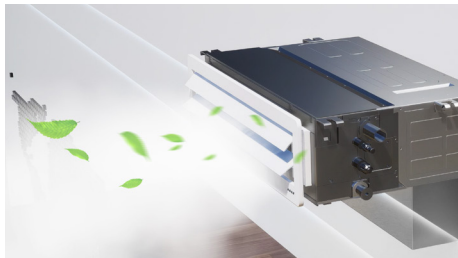
Built-in & Fire-proof Electrical Box

Built-in E-box for easy installation and maintenance. Full steel E-box for fire-proof.



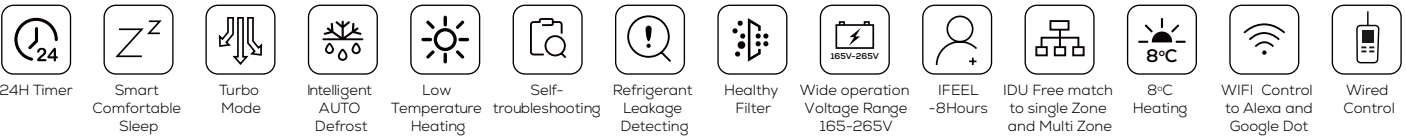
Fresh Air Inlet Port

Fresh air inlet port is reserved, to provide fresh air into the room.



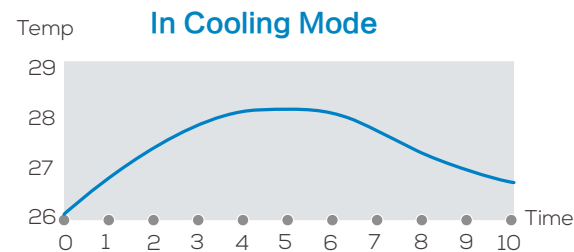
DUCT Technical Specifications

Marketing model			TDH09IEI2NAF24	TDH12IEI2NAF24	TDH18IEI2NAF24	TDH24IEI2NAF24
Type			cooling & heating	cooling & heating	cooling & heating	cooling & heating
Control type			remote	remote	remote	remote
Power supply			208/230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P
Rated Cooling (95F/35C)	Rated cooling capacity (95F/35C)	Btu/h	9000	12000	18000	24000
	EER2 (95F/35C)	Btu/W.h	10.5	10.5	10.5	10.0
	SEER2	Btu/W.h	18.0	18.0	17.0	17.0
Rated Heating	Rated Heating capacity(47F/8.3C)	Btu/h	9500	12000	18000	24000
	HSPF2 Rating (Region IV)	Btu/W.h	8.2	8.2	7.8	7.8
	COP2 (47F/8.3C)	W/W	3.41	3.21	3.21	3.05
	COP (5F/-15C)	W/W	1.8	1.8	1.8	1.8
Maximum Fuse Size		A	15.0	15.0	15.0	15.0
Moisture removal		Liters/h	11	16	2.2	2.6
Indoor air circulation/Hi		CFM	294	294	529	676
Indoor noise level at cooling	High/Med./Low		43/41/39	43/41/39	41/38/36	41/38/34
Static Pressure		Pa	up to 80	up to 80	up to 100	up to 120
Refrigerant		Type	R454B	R454B	R454B	R454B
Indoor Motor	Motor Brand		Weilling	Weilling	Broad-Ocean	Broad-Ocean
Compressor	Brand		GMCC	GMCC	SANYO	SANYO
Outdoor Motor	Motor Brand		Weilling	Weilling	Broad-Ocean	Broad-Ocean
Connecting Pipe	Gas	inches	3/8"	3/8"	3/8"	1/2"
	Liquid	inches	1/4"	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core number		4×16AWG	4×16AWG	4×16AWG	4×16AWG
Suitable area	sq.ft		Up to 400	Up to 550	Up to 1000	Up to 1500
Indoor Packing dimensions (W x D x H)		inch	35.43×21.85×9.84	35.43×21.85×9.84	44.09×21.85×9.84	50.83×22.24×9.65
Outdoor Packing dimensions (W x D x H) (without pipe)		inch	33.07×13.39×23.82	33.07×13.39×23.82	37.79×16.92×29.53	40.47×19.09×33.46
Free match to Muti-Zone ODU			YES	YES	YES	YES
Free match to Single-Zone ODU			YES	YES	YES	YES



Smart Comfortable Sleep

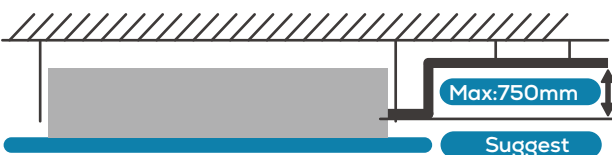
Keep you away from an under-cooling or over-heating sleep



In the new sleep mode, the air conditioner will slowly increase the temperature until the middle period, then slowly decrease the temperature and return to the initial set value to maintain a comfortable sleep temperature during the night.

Bult-in Water Pump up to Max 1200mm

The condensing water can be lifted up to Max 1200mm, which is convenient for installation.



Flexible Air-outlet Position

With flexible air-outlet position design, it can provide customizable airflow distribution, providing comfortable air conditioning in any space.



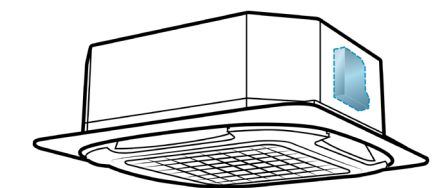
WIFI Control to Alexa and Google Dot

Users can easily control the air-con outside the house via smart device. Through cloud data analysis and voice command, the unit can be controlled by voice, through the Alexa and Google Dot



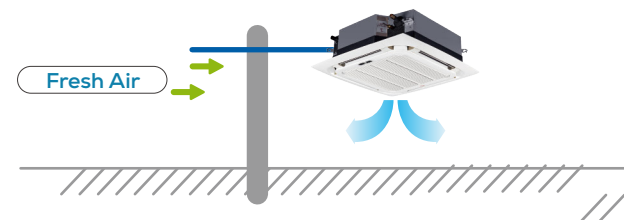
Bult-in & Fire-proof Electrical Box

Built-in E-box for easy installation and maintenance. Full steel E-box for fire-proof.



Fresh Air Inlet Port

Fresh air is brought in to increase room air quality to be more comfortable and healthy.



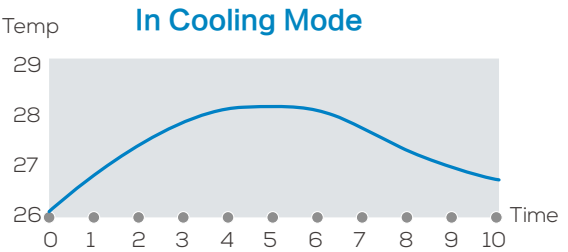
CASSETTE Technical Specifications

Marketing model			TCH09IEI2NAQ24	TCH12IEI2NAQ24	TCH18IEI2NAQ24	TCH24IEI2NAQ24
Type			cooling & heating	cooling & heating	cooling & heating	cooling & heating
Control type			remote	remote	remote	remote
Power supply			208/230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P
Rated Cooling (95F/35C)	Rated cooling capacity (95F/35C)	Btu/h	9000	12000	18000	24000
	EER2 (95F/35C)	Btu/W.h	11.7	11.7	11.7	11.7
	SEER2	Btu/W.h	21.0	21.0	20.0	20.0
Rated Heating	Rated Heating capacity(47F/8.3C)	Btu/h	9500	12000	18000	24000
	HSPF2 Rating (Region IV)	Btu/W.h	8.5	8.5	8.5	8.5
	COP2 (47F/8.3C)	W/W	3.41	3.41	3.41	3.21
	COP (5F/-15C)	W/W	1.8	1.8	1.8	1.8
Maximum Fuse Size		A	15.0	15.0	15.0	15.0
Moisture removal		Liters/h	1.1	1.6	2.2	2.6
Indoor air circulation/Hi		CFM	400	400	660	830
Indoor noise level at cooling	High/Med./Low		44/41/39	44/41/39	45/40/38	46/42/39
Refrigerant		Type	R454B	R454B	R454B	R454B
Indoor Motor	Motor Brand		Weilling	Weilling	Broad-Ocean	Broad-Ocean
Compressor	Brand		GMCC	GMCC	SANYO	SANYO
Outdoor Motor	Motor Brand		Weilling	Weilling	Broad-Ocean	Broad-Ocean
Connecting Pipe	Gas	inches	3/8"	3/8"	3/8"	1/2"
	Liquid	inches	1/4"	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core number		4×16AWG	4×16AWG	4×16AWG	4×16AWG
Suitable area		sq.ft	Up to 400	Up to 550	Up to 1000	Up to 1500
Indoor Packing dimensions (W x D x H)		inch	24.41x24.41x12.6	24.41x24.41x12.6	24.41x24.41x12.6	37.4x37.4x11.97
Outdoor Packing dimensions (W x D x H) (without pipe)		inch	33.07x13.39x23.82	33.07x13.39x23.82	37.79x16.92x29.53	40.47x19.09x33.46
Free match to Muti-Zone ODU			YES	YES	YES	YES
Free match to Single-Zone ODU			YES	YES	YES	YES



Smart Comfortable Sleep

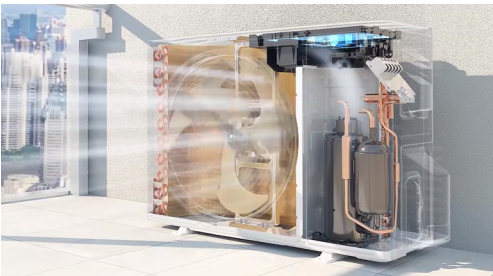
Keep you away from an under-cooling or over-heating sleep



In the new sleep mode, the air conditioner will slowly increase the temperature until the middle period, then slowly decrease the temperature and return to the initial set value to maintain a comfortable sleep temperature during the night.

High temperature cooling

It can provide excellent cooling at high ambient temperature.



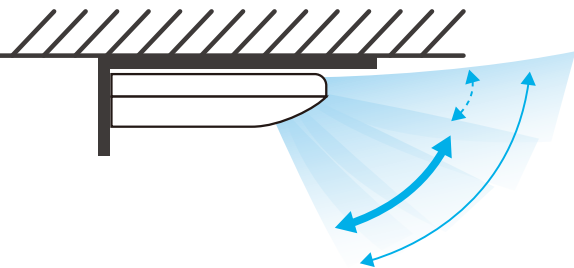
WIFI Control to Alexa and Google Dot

Users can easily control the air-con outside the house via smart device. Through cloud data analysis and voice command, the unit can be controlled by voice, through the Alexa and Google Dot



Auto Swing Louver

It can provide automatic up-down air supply swing, ensuring even distribution of air throughout the room.



Wired Control

Wire control is available, especially for hotel rooms, offices, etc.



Ceiling&Floor Technical Specifications

Marketing model			TCH18IEI2NAC24	TCH24IEI2NAC24
Type			cooling & heating	cooling & heating
Control type			remote	remote
Power supply			208/230V~/60Hz/1P	208/230V~/60Hz/1P
Rated Cooling (95F/35C)	Rated cooling capacity (95F/35C)	Btu/h	18000	24000
	EER2 (95F/35C)	Btu/W.h	11.7	11.0
	SEER2	Btu/W.h	20.0	20.0
Rated Heating	Rated Heating capacity(47F/8.3C)	Btu/h	18000	24000
	HSPF2 Rating (Region IV)	Btu/W.h	8.5	8.5
	COP2 (47F/8.3C)	W/W	3.41	3.21
	COP (5F/-15C)	W/W	1.8	1.8
Maximum Fuse Size		A	15.0	15.0
Moisture removal		Liters/h	2.2	2.6
Indoor air circulation/Hi		CFM	617	794
Indoor noise level at cooling	High/Med./Low		44/42/39	51/47/43
Refrigerant		Type	R454B	R454B
Indoor Motor	Motor Brand		Broad-Ocean	Broad-Ocean
Compressor	Brand		SANYO	SANYO
Outdoor Motor	Motor Brand		Broad-Ocean	Broad-Ocean
Connecting Pipe	Gas	inches	3/8"	1/2"
	Liquid	inches	1/4"	1/4"
Connecting Wiring		Size x Core number	4×16AWG	4×16AWG
Suitable area		sq.ft	Up to 1000	Up to 1500
Indoor Packing dimensions (W x D x H)		inch	44.5x29.4x12	44.5x29.4x12
Outdoor Packing dimensions (W x D x H) (without pipe)		inch	37.79x16.92x29.53	40.47x19.09x33.46
Free match to Multi-Zone ODU			YES	YES
Free match to Single-Zone ODU			YES	YES

- Turbo Mode
- Mute Mode
- Wide operation Voltage Range 165-265V
- 24H Timer
- Intelligent AUTO Defrost
- Self-troubleshooting
- Refrigerant Leakage Detector
- Celsius and Fahrenheit Degree Switch
- Built-in & Fire-proved Electrical Box
- Low Temperature Heating
- Display On/off
- IDU Free match to single Zone and Multi Zone
- 8°C Heating
- Healthy Filter

