



MCW + TTK



MWW + TWK



0.6 - 2.2 T.R.

Widely used today, wall-mounted units are very easy to install and operate.

An increasing level of silence.

An answer to the largest number of customer expectations.

A pleasing appearance of outdoor units in order to facilitate the integration into buildings.

A provider of cleaner air due to its 3 filters system.

The indoor unit is supplied with a remote control allowing instantaneous temperature control.

These small units are without a doubt the most pleasing to the eye on the market and a source of purer air.



MCW/MWW
507 - 509 - 512



MCW/MWW 518 - 524



MCW/MWW 526

FOR WHOM? FOR WHAT?

Designed for room by room air-conditioning.

Recommend for individuals, freelancers and small businesses looking for a low-cost, a simple solution.

For cooling only or reversible air-conditioning.



TTK/TWK 507 - 509 - 512

TRANE'S ADVICE

The success of this product is because of its ease of installation.

This product is perfect for single rooms with a surface area of less than 50 m².

Where equipment is needed for several rooms at once, it would be preferable to move towards multisplits.



TTK/TWK 518 - 526

RESIDENTIAL RANGE

Main features :

MCW/MWW indoor units

- Innovative Segmented Coil Evaporator.
- 3 Speed Tangential Fan Motor.
- Washable anti-mold filter.
- Multi level Air Cleaning.
- Electrostatic fiber filter.
- LTC filter.
- Soft Material louvers.

TTK/TWK outdoor units

- Refrigerant Charge.
- Blue Wave hydrophilic fin Condenser.
- Silver-Grey Powder paint finish.
- Axial Fan.
- Hermetic Rotary Compressor.
- Integrated Condensate Tray.
- Condenser Coil and Fan Protection Grille.

Control :

Microprocessor and 230 V control with :

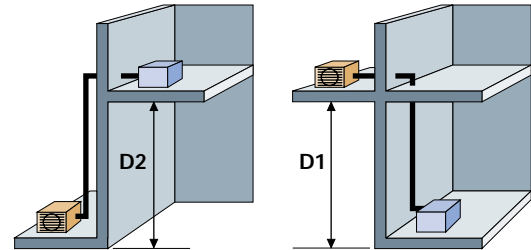
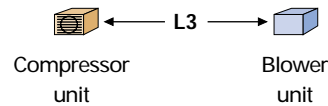
- Automatic Control of the ambient Temperature.
- Anti frost Protection of the evaporator coil.
- Compressor anti-recycle timer.
- Compressor discharge Temperature protection.
- De-frosting by reverse cycle.

Infrared remote control with :



- Liquid crystal display.
- Selection of 3 fan speeds and automatic ventilation.
- Selection of heating, cooling, heating/cooling or ventilation only.
- Automatic sweeping of supply air.
- Sleep mode.
- Delayed start/stop.
- 24 H Timer.
- Dehumidification function.

Cooling line connections

Maximum line lengths



NEW! R 407c available for 50 Hz Systems.
Contact your Trane representative for details.

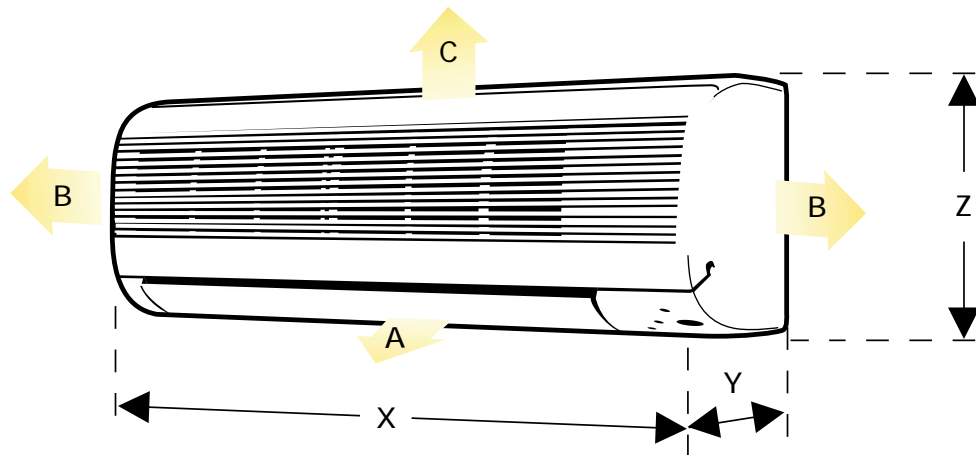
	Outdoor unit	Max. Length (m)	Max. level difference (m)		Line diameters (inches)	
		L3	D2	D1	Gas	Liquid
	TTK 507 - 509 X	10	5	5	3/8	1/4
	TTK 512 X	10	5	5	1/2	1/4
	TTK 518 - 524 X	10	5	5	1/2	1/4
	TTK 526 X	10	5	5	5/8	3/8
	TWK 507 - 509 X	10	5	5	3/8	1/4
	TWK 512 X	10	5	5	1/2	1/4
	TWK 518 - 524 X	10	5	5	1/2	1/4
	TWK 526 X	10	5	5	5/8	3/8

Operating limits :

	Cooling mode	Heating mode
Min. outdoor air temperature	+ 16°C	- 7°C
Max. outdoor air temperature	+ 43°C	+ 30°C

Dimensions (mm) and weight (kg)

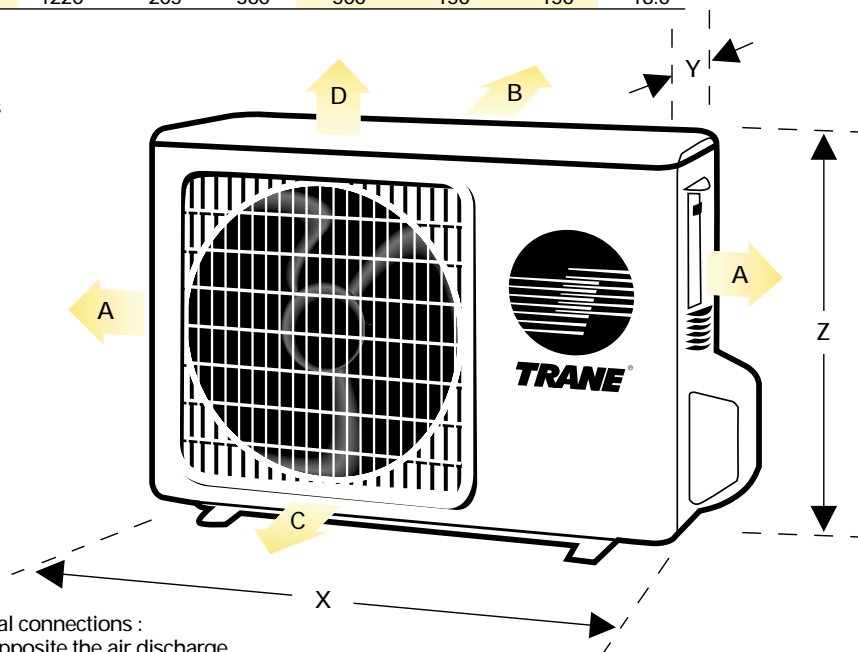
MCW/MWW indoor units



- Cooling line connections : to the left of the unit, opposite the air discharge. Possibly to the right, or at the back.
- Electrical connections : to the right of the unit, opposite the air discharge.

MCW/MWW	Dimensions (mm)			Clearance (mm)			Net weight (kg)
	X	Y	Z	A	B	C	
507 - 509 - 512 K	770	180	250	500	70	40	8.5
518 - 524 K	907	195	290	500	150	150	12.0
526 K	1220	205	360	500	150	150	18.0

TTK/TWK outdoor units



Cooling line and electrical connections :
to the right of the unit, opposite the air discharge.

TTK/TWK	Dimensions (mm)			Clearance (mm)				Net weight (kg)	
	X	Y	Z	A	B	C	D	TTK	TWK
507 - 509 - 512 X/A	850	320	540	500	300	200	500	32/32/40	32/32/40
518 - 524 X/A	950	410	700	500	300	200	500	40/59	59/59
526 X	950	412	840	500	300	200	500	75	75



Cooling only split system

Specifications: 50 & 60 Hz - Cooling Only

Model	Indoor Model		MCW507KB	MCW509KB	MCW509K1	MCW512KB	MCW512K1	MCW518KB	MCW518K1	MCW524KB	MCW524K1	MCW526KB	MCW526K1
	Outdoor Model		TTK507XB	TTK509XB	TTK509X1	TTK512XB	TTK512X1	TTK518XB	TTK518X1	TTK524XB	TTK524X1	TTK526XB	TTK526X1
Electrical Data	Power Supply	V/Ph/Hz	220-230/1/50	220-230/1/50	220/1/60	220-230/1/50	220/1/60	220-230/1/50	220/1/60	220-230/1/50	220/1/60	220-230/1/50	220/1/60
Performance Data	Nominal Capacity	Btu/h	7,000	8,600	8,600	11,000	11,000	17,000	17,000	21,000	21,000	24,000	24,000
		W	2,000	2,500	2,500	3,200	3,200	5,000	5,000	6,000	6,000	7,000	7,000
	Air Flow	CMH	400	450	380	480	450	700	700	720	720	1,080	1,080
	EER/COP	W/W	2.83	2.5	2.9	2.5	2.65	2.55	2.55	2.3	2.3	2.55	2.75
Indoor Units													
Fan Motor	Speed L/M/H	RPM	850/900/960	910/990/1,060	900/960/1,050	990/1,090/1,190	1,000/1,100/1,200	1,100/1,200/1,350	1,100/1,200/1,350	1,100/1,200/1,400	1,100/1,200/1,400	1,100/1,310/1,410	1,200/1,300/1,400
Fan	Type-Number		Tangential-1	Tangential-1	Tangential-1	Tangential-1	Tangential-1	Tangential-1	Tangential-1	Tangential-1	Tangential-1	Tangential-1	Tangential-1
Sound Data		dBA	32/36	32/36	32/36	34/40	34/40	37/46	37/46	40/48	40/48	42/51	42/51
Outdoor Units													
Power Input		W	700	760	908	1,160	1,210	1,940	1,940	2,580	2,580	2,720	3,170
Current		A	3.2	3.66	4.18	5.4	5.48	8.71	8.71	11	12.5	13	15
Expansion Device			Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary
Compressor	Type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Recip	Recip
Fan Motor	Speed	RPM	750	730	730	800	780	780	780	815	815	780	780
Fan	Type-Number		Axial-1	Axial-1	Axial-1	Axial-1	Axial-1	Axial-1	Axial-1	Axial-1	Axial-1	Axial-1	Axial-1
Sound Data		dBA	51	52	52	56	52	58	58	59	59	58	58
Refrigerant Charge	R22	kg	0.65	0.85	0.8	0.8	0.85	1.9	1.9	1.6	1.6	2.5	2.5



Reversible split system

Specifications: 50 & 60 Hz - Heat Pump

Model	Indoor Model		MWW507KB	MWW509KB	MWW509K1	MWW512KB	MWW512K1	MWW518KB	MWW518K1	MWW524KB	MWW524K1	MWW526KB	MWW526K1
	Outdoor Model		TWK507XB	TWK509XB	TWK509X1	TWK512XB	TWK512X1	TWK518KB	TWK518K1	TWK524KB	TWK524X1	TWK526KB	TWK526X1
Electrical Data	Power Supply	V/Ph/Hz	220-230/1/50	220-230/1/50	220/1/60	220-230/1/50	220/1/60	220-230/1/50	220/1/60	220-230/1/50	220/1/60	220-230/1/50	220/1/60
Performance Data	Nominal Capacity	Cooling (W)	2,000	2,500	2,600	3,200	3,200	5,000	5,000	6,000	6,000	7,000	7,000
		Heating (W)	2,400	3,100	3,100	3,800	3,800	6,000	6,000	7,000	6,800	7,500	7,000
	Air Flow	CMH	400	450	380	480	450	700	700	720	720	1,080	1,080
	EER/COP	Cooling (W/W)	2.82	2.67	2.75	2.6	2.75	2.55	2.55	2.3	2.3	2.55	2.7
		Heating (W/W)	2.97	2.95	2.9	2.56	3	2.77	2.787	2.61	2.72	2.83	2.8
Indoor Units													
Fan Motor	Speed L/M/H	RPM	850/900/960	910/990/1,060	900/960/1,050	990/1,090/1,190	1,000/1,100/1,200	1,100/1,200/1,350	1,100/1,200/1,350	1,100/1,200/1,400	1,100/1,200/1,400	1,100/1,310/1,410	1,200/1,300/1,400
Fan	Type-Number		Tangential-1	Tangential-1	Tangential-1	Tangential-1	Tangential-1	Tangential-1	Tangential-1	Tangential-1	Tangential-1	Tangential-1	Tangential-1
Sound Data		dBA	32/36	32/36	32/36	34/40	34/40	37/46	37/46	40/48	40/48	42/51	42/51
Outdoor Units													
Power Input	Cool/Heat	W	740	919	818/846	1,269	1,150/1,230	2,140	1,940/2,140	2,660	2,580/2,570	2,720	3,170/3,070
Current	Cool/Heat	A	3.3	4.26	3.8/3.9	5.9	5.3/5.6	9.71	8.71/9.71	11.7	12.5/12.3	13	15/14.8
Expansion Device			Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary
Compressor	Type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Recip	Recip	Recip
Fan Motor	Speed	RPM	750	800	800	880	880	780	780	815	815	780	780
Fan	Type-Number		Axial-1	Axial-1	Axial-1	Axial-1	Axial-1	Axial-1	Axial-1	Axial-1	Axial-1	Axial-1	Axial-1
Sound Data		dBA	51	52	52	56	54	58	58	59	59	58	58
Refrigerant Charge	R22	kg	0.75	0.8	0.82	1.0	0.85	1.9	1.9	2.0	1.6	2.5	2.5



INVERTER

R22 0.9 - 3.7 kW
50 Hz Only



Energy savings and flexibility of temperature are two of the main advantages that carry the Inverter system.

To maintain a certain temperature level, the Inverter adjusts compressor speed avoiding the successive starts and stops that take place in conventional systems. This will provide you with high energy savings and a constant quality of temperature. Its hi-tech performance will provide you with better heating performances at lower outside temperatures thus giving you better comfort for all seasons.



MWW 512 VB



TWK 512 VB

Electrical connections

1 - Control interconnection

Outdoor unit	Nb wires x sect. area (mm ²)	Indoor unit
TWK 512 VB	3 x 1.5 + 5 x 0.75	MWW 512 VB

2 - Power supply*

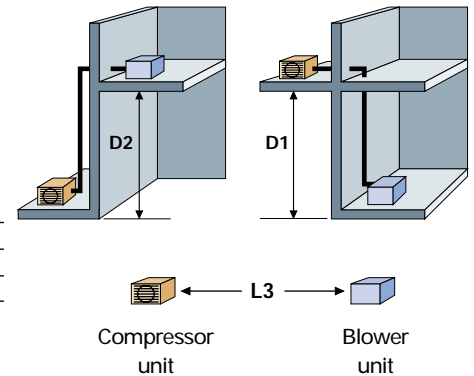
Outdoor unit	Nb wires x sect. area (mm ²)	Indoor unit	Nb wires x sect. area (mm ²)
TWK 512 VB	3 x 1.5 ²	MWW 512 VB	3 x 1.5

*Indoor and outdoor units powered separately.

Cooling line connections

Maximum line lengths

Outdoor unit	Max. Length (m)	Max. level difference (m)		Line diameters (inches)		
		L3	D2	D1	Gas	Liquid
TWK 512 VB	10	10	5	5	1/2	1/4



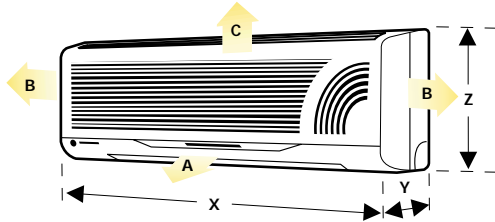
Operating limits :

	Cooling mode	Heating mode
Min. outdoor air temperature	+ 16°C	- 7°C
Max. outdoor air temperature	+ 43°C	+ 30°C

RESIDENTIAL RANGE

Dimensions (mm) and weight (kg)

MWW 512 indoor units

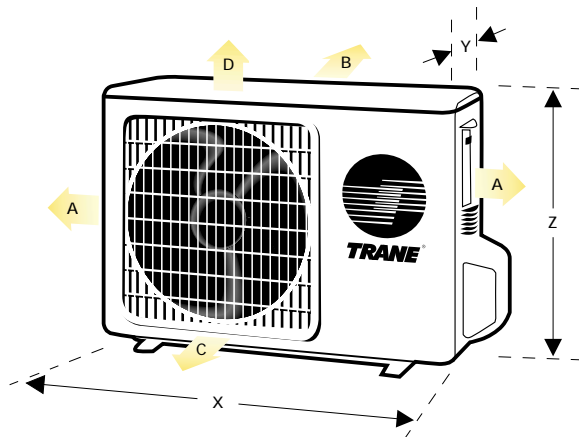


MWW	Dimensions (mm)			Clearance (mm)			Net weight (kg)
	X	Y	Z	A	B	C	
512 VB	830	189	285	500	70	40	11

- Cooling line connections : to the left of the unit, opposite the air discharge.
Possibly to the right, or at the back.

- Electrical connections : to the right of the unit, opposite the air discharge.

TWK outdoor units



TWK	Dimensions (mm)			Clearance (mm)				Net weight (kg)
	X	Y	Z	A	B	C	D	
512 VB	850	320	540	600	600	600	600	41

Cooling line and electrical connections :
to the right of the unit, opposite the air discharge.



Reversible system

Indoor unit		MWW 512 VB
Outdoor unit		TWK 512 VB
Refrigerant	Type	R 22
Power supply	(V/Ph/Hz)	230/1/50
Cooling capacity (1)	(kW)	3.2 (0.9 to 3.7)
Cooling mode power input (1)	(kW)	1.23
Heating capacity (2)	(kW)	4.2 (1.1 to 4.5)
Heating mode power input (2)	(kW)	1.62
Coefficient of performance (2)		2.6
Total current	(A)	6.35
Outdoor unit start-up amps	(A)	29
Air flow	indoor units (3)	(m ³ /h)
		510
Cooling mode expansion system	(Unit/Type)	Capillary
Sound power	indoor unit (3)	(dB(A))
	outdoor unit	(dB(A))
Sound pressure level	indoor unit (3) (4)	(dB(A))
	outdoor unit (5)	(dB(A))

(1) Cooling mode : air inlet temp. : 27°C DB / 19°C WB ; outdoor temperature : 35°C.

(2) Heating mode : air inlet temp. 20°C ; outdoor temperature : 7°C DB / 6°C WB.

(3) Maximum Air flow.

(4) Measurements taken in a furnished room appropriate to the unit's capacity.

(5) Sound pressure level 4 m from the unit in a free field.