



MCC + TTK



MWC + TWK

R22



1.5 - 3.5 T.R. 50 Hz Only



*The ceiling air-conditioning unit can be integrated harmoniously into all types of false ceilings owing to the fact that the indoor units only show their air intake and discharge grille.*

*Maintenance is made simpler thanks to easy access from below.*

*The remote control supplied can be used either in infrared or cable version.*



CAS

## FOR WHOM? FOR WHAT?

*This equipment has essentially been designed for office premises.*

*For one area only up to approximately 140 m<sup>2</sup>.*



TTK/TWK 518 - 524

## TRANE'S ADVICE

*This is the most aesthetically pleasing and simple solution for equipping only one room. One condition is imposed : a false ceiling must be available.*

# RESIDENTIAL RANGE

## Main features :

### MCC/MWC indoor units

- 3 speed centrifugal fan motor.
- Permanent Washable filter (big black filter on the grille).
- Air Cleaner.
- Ultra thin plenum grille.
- Centrifugal Condensate pump.

### TTK/TWK outdoor units

- Refrigerant Charge.
- Axial Fan Motor.
- Rotary hermetic compressors.
- Integrated Condensate Tray.
- Condenser Coil and fan protection Grille.

## Control :

### Microprocessor and 230 V control with :

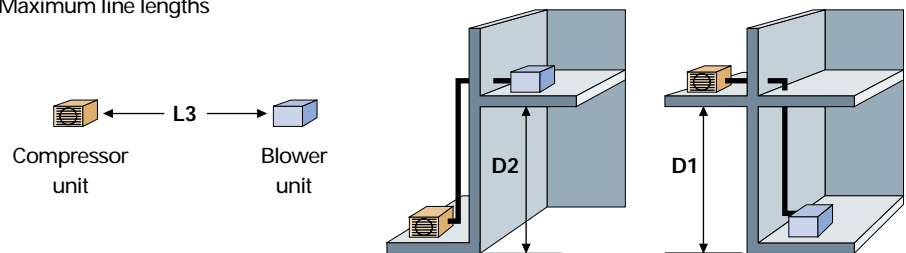
- Automatic Control of the ambient Temperature.
- Anti frost Protection of the evaporator coil.
- Compressor anti-recycle timer.
- Compressor discharge Temperature protection.
- De-frosting by reverse cycle.

### 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.**

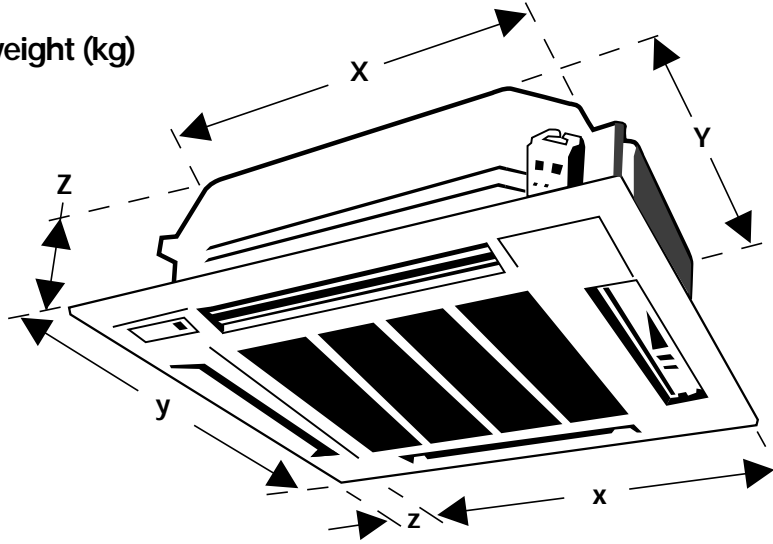
	Outdoor unit	Max. Length (m)	Max. level difference (m)		Line diameters (inches)	
			L3	D2	D1	Gas
 	TTK 518 BB	10	5	5	3/8	5/8
	TTK 524 BB	10	5	5	3/8	5/8
	TTK 542 BB	10	5	5	1/2	3/4
 	TWK 518 BB	10	5	5	3/8	5/8
	TWK 524 BB	10	5	5	3/8	5/8
	TWK 542 BB	10	5	5	1/2	3/4

## Operating limits :

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

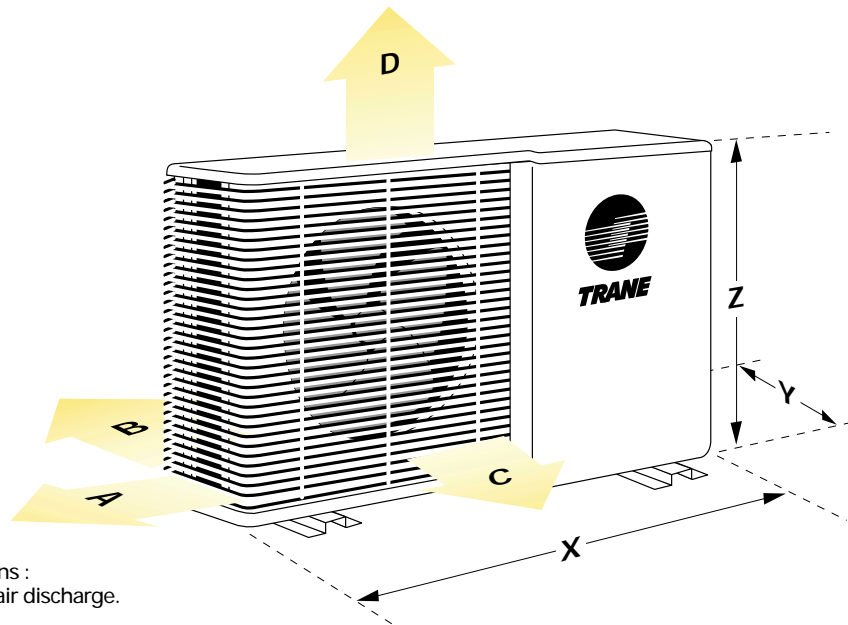
### Dimensions (mm) and weight (kg)

CAS indoor units



MCC/MWC	Unit Dimensions (mm)			Grille dimensions (mm)			Net weight (kg)
	X	Y	Z	x	y	z	
518 CB	840	840	190	950	950	60	25 + 6.5
524 CB	840	840	240	950	950	60	30 + 6.5
542 CB	840	840	320	950	950	60	38 + 6.5

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-BB	TWK-BB
518 BB	950	412	700	500	200	1000	1000	65	65
524 BB	950	412	840	500	200	1000	1000	75	75
542 BB	840	412	1120	500	200	1000	1000	112	112

# RESIDENTIAL RANGE



## Cooling only split system

Indoor unit		MCC	518 CB	524 CB	542 CB
Outdoor unit		TTK	518 BB	524 BB	542 BB
Power supply	indoor unit	(V/Ph/Hz)	230/1/50	230/1/50	230/1/50
	outdoor unit	(V/Ph/Hz)	230/1/50	230/1/50	400 / 3 + N / 50
Cooling capacity (1)		(kW)	5.0	7.0	12.0
Cooling mode power input (1)		(kW)	1.92	2.65	4.65
Total current		(A)	9.3	4.8	4.6
Air flow		(m <sup>3</sup> /h)	680	1180	1860
Cooling mode expansion system		(Unit/Type)	Capillary in TTK	Capillary in TTK	Capillary in TTK
Sound power	indoor unit (3)	(dB(A))	≤ 54	≤ 55	≤ 61
	outdoor unit	(dB(A))	≤ 66	≤ 68	≤ 71
Sound pressure level	indoor unit (3) (4)	(dB(A))	≤ 46	≤ 47	≤ 53
	outdoor unit (5)	(dB(A))	≤ 46	≤ 48	≤ 51



## Reversible split system

Indoor unit		MWC	518 CB	524 CB	542 CB
Single // three-phase outdoor unit		TWK	518 BB	524 BB	542 BB
Power supply	indoor unit	(V/Ph/Hz)	230/1/50	230/1/50	230/1/50
	outdoor unit	(V/Ph/Hz)	230/1/50	230/1/50	400 / 3 + N / 50
Cooling capacity (1)		(kW)	5.0	7.0	12.0
Cooling mode power input (1)		(kW)	1.92	2.65	4.65
Heating capacity (2)		(kW)	5.4	7.5	12.5
Heating mode power input (2)		(kW)	1.92	2.52	4.3
Coefficient of performance (2)			2.8	3.0	2.9
Total current		(A)	9.3 / 9.3	4.8 / 4.8	8.0 / 7.5
Air flow		(m <sup>3</sup> /h)	680	1180	1860
Cooling mode expansion system		(Unit/Type)	Capillary in TTK	Capillary in TTK	Capillary in TTK
Sound power	indoor unit (3)	(dB(A))	≤ 54	≤ 55	≤ 61
	outdoor unit	(dB(A))	≤ 66	≤ 68	≤ 71
Sound pressure level	indoor unit (3) (4)	(dB(A))	≤ 46	≤ 47	≤ 53
	outdoor unit (5)	(dB(A))	≤ 46	≤ 48	≤ 51

(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.