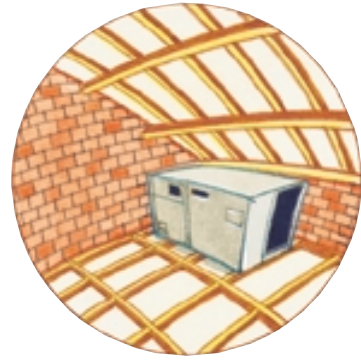




RESIDENTIAL SPLIT SYSTEMS FROM 0.6 TO 5 T.R.

Trane offers a complete range of split systems for small and medium-sized surface areas and for one or more rooms of 15 to 200 m².

Trane offers a follow-up to the range making future extensions and configuration modifications possible.

Each client has a complete liberty to choose the solution that suits them on the basis of their needs and their budget.

The split systems are accessible and easy to install and are, for many users, the key to air-conditioning comfort, whether reversible or not.

Individuals and professionals are the first to benefit.

Compact and silent, all of these units can be controlled by remote-control for adapted and personalised comfort



Mini-Split systems Air-cooled units

CONDITIONS:

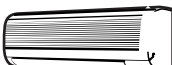
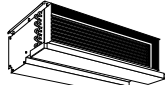
Cooling capacities

- Air inlet temperature = 27°C DB/19°C WB
- Outdoor air temperature = 35°C

Heating capacities

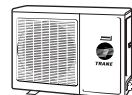
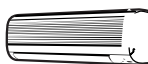
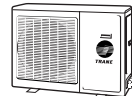
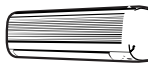
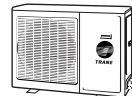
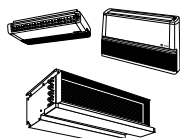
- Air inlet temperature = 20°C DB
- Outdoor air temperature = 7° DB/6°C WB

MONO CIRCUIT

		TTK/TWK			TTK/TWK		TTK			
Outdoor units		507	509	512	518	524				
 Wall-mounted	MCW /MWW R 22 Cooling cap. Heating cap. R 407 C Cooling cap. Heating cap.	✓	✓	✓	✓	✓				
		✓	✓	✓	✓	✓				
		✓	✓	✓	✓	✓				
		✓	✓	✓	✓	✓				
 Convertible	MCX/MWX R 22 Cooling cap. Heating cap.			512	518	524	536	536	048	060
				✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓
 Cassette	MCC /MWC - R 407 C R22 Cooling cap.* Heating cap.*				518	524	542*			
					✓	✓	✓			
					✓	✓	✓			
 Inverter	INVERTER - R 22 Cooling cap. Heating cap.			512						
				✓						
				✓						
 Ductable ceiling installation	MCD/MWD R 22 Cooling cap. Heating cap.			512	518	524	530	536	048	060
				✓	✓	✓	✓	✓	✓	✓
				✓	✓	✓	✓	✓	✓	✓

* Size 542 only for Cassette

MULTI CIRCUIT

Condensing units	indoor units				Cooling	Heating
 TTD/ TWD	 Bi-split	MCW/MWW R 22	TTD/TWD 514 BB	2 x MCW/MWW 507 LB	✓	✓
			TTD/TWD 518 BB	2 x MCW/MWW 509 LB	✓	✓
			TTD/TWD 524 BB	2 x MCW/MWW 512 LB	✓	✓
 TTD/ TWD	 Bi-split	MCW/MWW R 407 C	TTD/TWD 514 CB	2 x MWW 507 PB	✓	✓
			TTD/TWD 518 CB	2 x MWW 509 PB	✓	✓
			TTD/TWD 524 CB	2 x MWW 512 PB	✓	✓
 TTD/ TTT	 MCX MCD	R22	2:1 Combinations		✓	
			3:1 Combinations		✓	

 **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.

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.

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.



**MCW/MWW
507 - 509 - 512**



MCW/MWW 518 - 524



MCW/MWW 526



TTK/TWK 507 - 509 - 512



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.

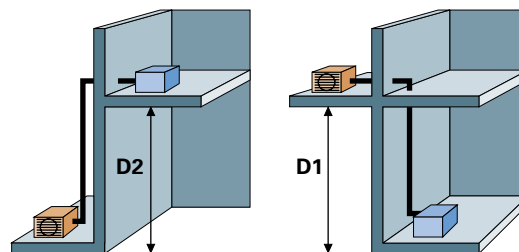
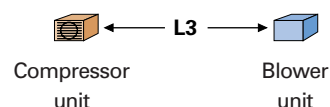
Infrared remote control with :

- 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.

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

Cooling line connections

Maximum line lengths



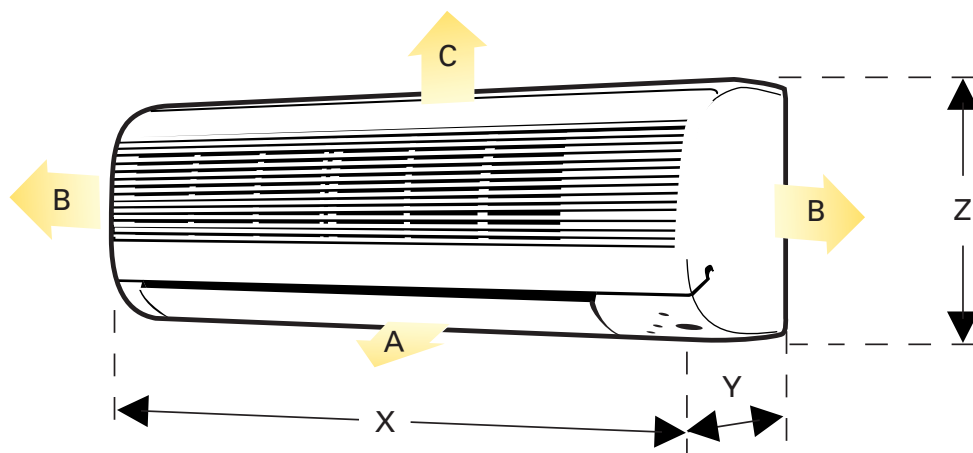
	Outdoor unit	Max. Length (m)	Max. level difference (m)		Line diameters (inches)	
		L3	D2	D1	Gas	Liquid
 R22	TTK 507 - 509 X	10	5	5	3/8	1/4
	TTK 512 X	10	5	5	1/2	1/4
	TTK 518 - 524 X	10	5	5	1/2	1/4
	TTK 526 X	10	5	5	5/8	3/8
 R22	TWK 507 - 509 X	10	5	5	3/8	1/4
	TWK 512 X	10	5	5	1/2	1/4
	TWK 518 - 524 X	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)

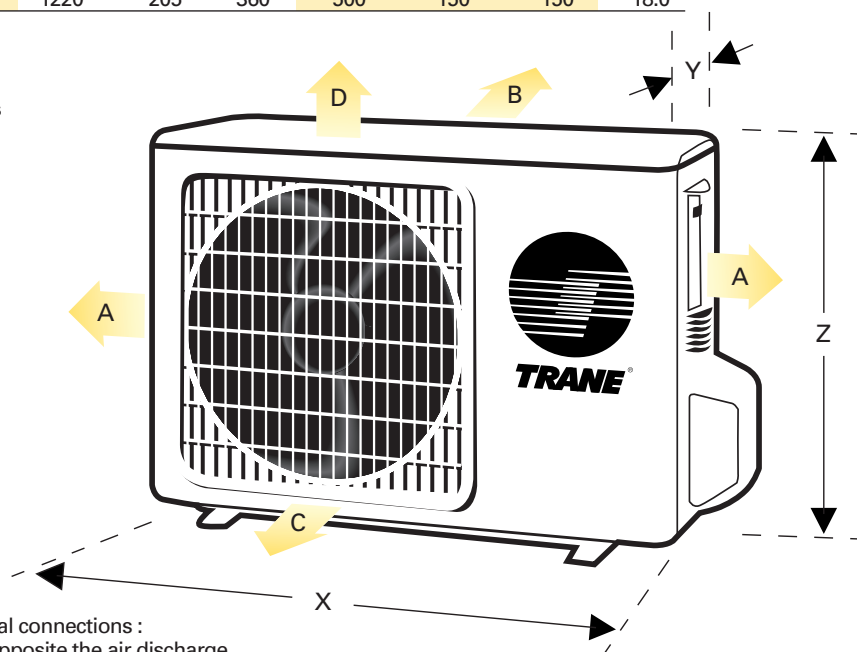
MCW/MWW indoor units



- 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

RESIDENTIAL RANGE



Cooling only split system



Specifications: 50 & 60 Hz - Cooling Only

Model	Indoor Model	MCW507KB	MCW509KB	MCW509K1	MCW512KB	MCW512K1	MCW518KB	MCW518K1	MCW524KB	MCW524K1	MCW526KB	MCW526K1
Electrical Data	Outdoor Model	TTK507XB	TTK509XB	TTK509X1	TTK512XB	TTK512X1	TTK518XB	TTK518X1	TTK524XB	TTK524X1	TTK526XB	TTK526X1
Performance Data	Power Supply	220-230/150	220-230/150	220/160	220-230/150	220/160	220-230/150	220/160	220-230/150	220/160	220-230/150	220/160
	Nominal Capacity	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	400	450	380	450	450	700	700	720	720	1,080	1,080
	CMH	400	450	380	450	450	700	700	720	720	1,080	1,080
	EER/COP	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	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		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Recip	Recip
Fan Motor	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	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	MMW507KB	MMW509KB	MMW509K1	MMW512KB	MMW512K1	MMW518KB	MMW518K1	MMW524KB	MMW524K1	MMW526KB	MMW526K1
Electrical Data	Outdoor Model	TTK507XB	TTK509XB	TTK509X1	TTK512XB	TTK512X1	TTK518XB	TTK518X1	TTK524XB	TTK524X1	TTK526XB	TTK526X1
Performance Data	Power Supply	220-230/150	220-230/150	220/160	220-230/150	220/160	220-230/150	220/160	220-230/150	220/160	220-230/150	220/160
	Nominal Capacity	2,000	2,500	2,600	3,200	3,200	5,000	5,000	6,000	6,000	7,000	7,000
	Cooling (W)	2,400	3,100	3,100	3,800	3,800	6,000	6,000	6,800	6,800	7,500	7,500
	Heating (W)	2,400	3,100	3,100	3,800	3,800	6,000	6,000	6,800	6,800	7,500	7,500
	CMH	400	450	380	450	450	700	700	720	720	1,080	1,080
	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	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	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	A	3.3	4.26	3.8/3.9	5.9	5.35.6	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		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Recip	Recip
Fan Motor	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	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.

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.



MWW 512 VB

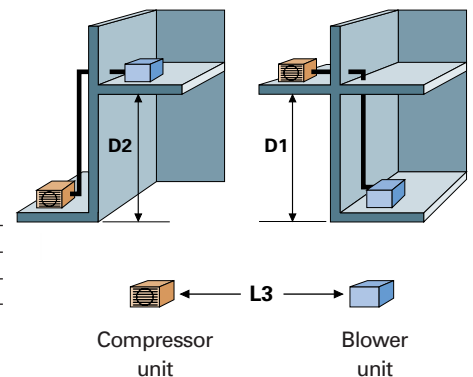


TWK 512 VB

Cooling line connections

Maximum line lengths

	Outdoor unit	Max. Length (m)	Max. level difference (m)		Line diameters (inches)	
		L3	D2	D1	Gas	Liquid
R22	TWK 512 VB	10	5	5	1/2	1/4



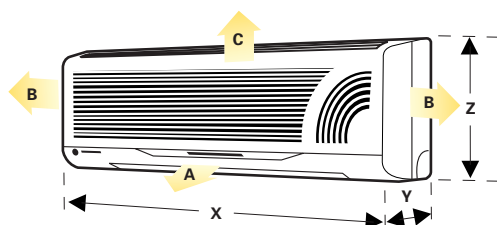
Operating limits :

	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

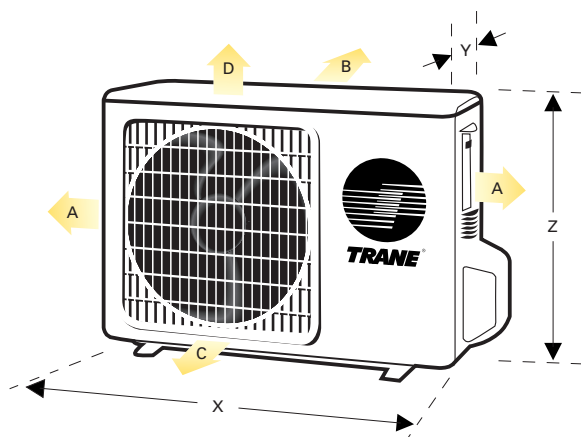


	Dimensions (mm)			Clearance (mm)			Net weight (kg)
MWW	X	Y	Z	A	B	C	
512 VB	830	189	285	500	70	40	11

- 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



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

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)	(m³/h)	510
Cooling mode expansion system	(Unit/Type)		Capillary
Sound power	indoor unit (3)	(dB(A))	≤ 48
	outdoor unit	(dB(A))	≤ 60
Sound pressure level	indoor unit (3) (4)	(dB(A))	≤ 40
	outdoor unit (5)	(dB(A))	≤ 40

(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.



MCX



MWX



1 - 5 T.R.



The Trane console/ceiling minisplits offer the choice of either a console or ceiling installation without the use of any supplementary accessories.

The quest for aesthetic value for good integration into the surrounding decor was considered.

An infrared remote control allows simplified control from a distance.



MCX/MWX

FOR WHOM? FOR WHAT?

To equip commercial boutiques or restaurants and public places needing a comfortable temperature and good quality of air.

Offered in cooling only or reversible.

TRANE'S ADVICE

An ideal configuration where no false ceilings are available.

RESIDENTIAL RANGE

Main features :

Convertible Model — Stylus™ MCX/MWX

12,000 - 36,000 Btuh (50/60 Hz)

Features:

- Convertible Installation — Floor, Ceiling or Low Wall
- 3-speed centrifugal fan motor.
- Aluminium fin heat exchanger with copper tubes.
- Washable air filters.
- Multi-direction air deflectors.
- Optional Electric Heat Available

NEW SIZES: 42,000 - 60,000 Btuh (50/60 Hz)

Features:

- Convertible Installation — Ceiling or Low Wall
- Convenient Factory Wired Control
- Optional Wireless Remote Control
- Three-Speed Fan
- Ideal for the light Commercial Application
- Optional Electric Heat Available

Control :

Microprocessor

- Automatic control of the room temperature.
- Anti-frost protection of the evaporator coil.
- De-frosting by cycle reversal (heating mode).
- Operation is possible without remote control.

Infrared remote control with :

- Liquid crystal display.
- Selection of heating, cooling, heating/cooling and fan only.
- Selection of 3 fan speeds or automatic ventilation.
- Delayed start/stop.

New MWX, Match it with TWJ / 2TWB / TWA / 2TWA

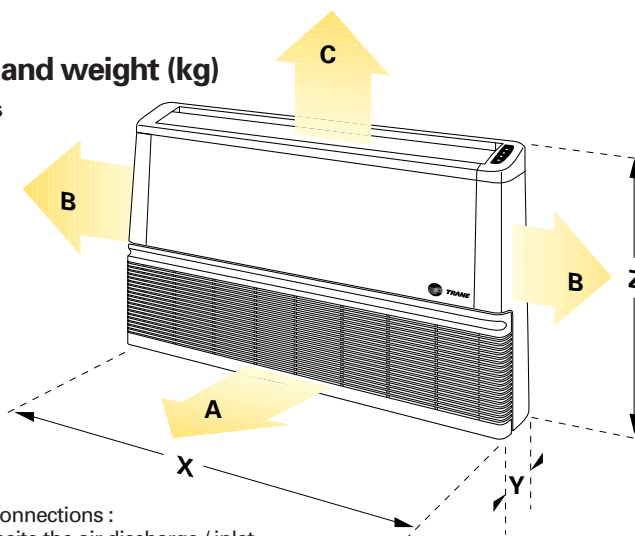
220-240/1/50 or 200-240/1/60

Models		Air Flow		Nominal Capacity		Heating		Electric Heat
Cooling	Heat Pump	cmh	cfm	kW	MBh	kW	MBh	kW
MCX512E	MWX512E	510	300	3.5	12	4.1	14	2
MCX518E	MWX518E	765	450	5.3	18	4.7	16	2.5
MCX524E	MWX524E	1020	600	7.0	24	6.2	21	3.5
MCX530E	MWX530E	1275	750	8.8	30	8.8	30	5
MCX536E	MWX536E	1530	900	10.5	36	9.4	32	5
MCX042E	MWX042E	1785	1050	12.3	42	11.4	39	5
MCX048E	MWX048E	2040	1200	14.1	48	11.7	40	6
MCX060E	MWX060E	2550	1500	17.5	60	15.5	53	7

* Rated at 27/19° C DB/WB and 35° C ODB

+ Rated at 20° C DB and 6° C ODB

Dimensions (mm) and weight (kg) MCX/MWX indoor units



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

Models		Dimensions (mm)			Clearance (mm)			Net weight (kg)
Cooling	Reversible	X	Y	Z	A	B	C	
MCX512E	MWX512E	1085	243	627	500	300	500	33
MCX518E	MWX518E	1085	243	627	500	300	500	36
MCX524E	MWX524E	1335	268	627	500	300	500	41
MCX530E	MWX530E	1585	268	627	500	300	500	50
MCX536E	MWX536E	1585	268	627	500	300	500	57
MCX042E	MWX542E	1835	268	627	500	300	500	72
MCX048E	MWX548E	1835	268	627	500	300	500	75
MCX060E	MWX560E	2085	268	627	500	300	500	84

Only one indoor unit in order to equip several zones using a network of ducts.

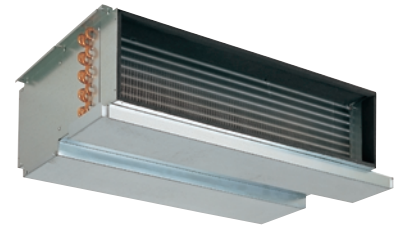
A unit that can be installed in all false ceilings thanks to its small dimensions and light weight.

Temperature precision for each zone.

A simple wall-mounted room thermostat allows the temperature to be set.

Very low level of noise.

Responds to aesthetic demands : the diffusers make the installation almost invisible.



MCD/MWD

FOR WHOM? FOR WHAT?

For offices, hotels, public buildings, businesses and residential applications.

For rooms varying between 20 m² and 160 m² in size.

TRANE'S ADVICE

This configuration is ideal for small and medium-sized surface areas equipped with false ceilings. An economical solution with discrete and quiet equipment.

However, this is an installation that must be included in planning at the time of construction.

Main features :

MCD/MWD—Concealed DX Air Handler — Illusion™

Standard Fan Coil:

12,000 - 36,000 Btuh (50/60 Hz)

With Plenum and Filter Rack:

12,000 - 60,000 Btuh (50/60 Hz)

Features:

- Compact Design — ONLY 10.0 inches in height (uncased)!
- Triple Layer Drain Pan
- Four Speed Fan Motor
- Full Capacity
- Optional Wireless Remote Control
- Thermostat for cooling only models
- Optional Electric Heat
- Models Available with Plenum and Filter Rack
- Heat Pump Models come with wired or wireless remote control.

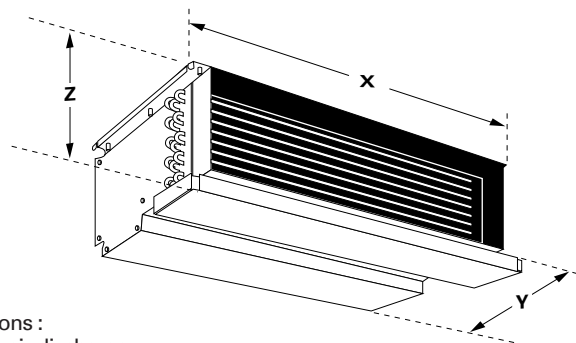
Control : (Heat Pump)

Microprocessor and 230V control with:

- Automatic control of the room temperature.
- Anti-freeze protection of the evaporator coil.
- De-frosting by cycle reversal (heating mode).

Dimensions (mm) and weight (kg)

MCD/MWD indoor units



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

Model	Dimensions (mm)			Net weight (kg)
	X	Y	Z	
MCD/MWD512	946	500	254	22.3
MCD/MWD518	946	500	254	24
MCD/MWD524	946	535	254	25.9
MCD/MWD530	1098	535	254	29.5
MCD/MWD536	1251	535	254	32.7
MCD/MWD512	946	625	300	30.91
MCD/MWD518	946	625	300	32.7
MCD/MWD524	946	625	300	34.5
MCD/MWD530	1098	625	300	39.5
MCD/MWD536	1251	625	300	44
MCD/MWD048	1107	759	408	53
MCD/MWD060	1250	759	408	60

Specifications 50 Hz

Nominal Cooling Capacity	BTUH	12,000	18,000	24,000	30,000	36,000	36,000	42,000	48,000	60,000
Airflow	CFM	300	450	600	750	900	900	1,400	1,600	2,000
Indoor Unit Model		MCD512DB	MCD518DB	MCD524DB	MCD530DB	MCD536DB	MCD536DB	MCD048DB	MCD048DB	MCD060DB
Power Supply (V/Ph/Hz)		200-240/1/50	200-240/1/50	200-240/1/50	200-240/1/50	200-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Running Amps.(A)		0.4	0.5	0.9	1.1	1.2	1.2	2.6	2.75	3.45

Specifications 60 Hz

Nominal Cooling Capacity	BTUH	12,000	18,000	24,000	30,000	36,000	36,000	42,000	48,000	60,000
Airflow	CFM	300	450	600	750	900	900	1,400	1,600	2,000
Indoor Unit Model		MCD512D1	MCD518D1	MCD524D1	MCD530D1	MCD536D1	MCD536D1	MCD048D1	MCD048D1	MCD060D1
Power Supply (V/Ph/Hz)		200-240/1/60	200-240/1/60	200-240/1/60	200-240/1/60	200-240/1/60	380-415/3/60	380-460/3/60	380-460/3/60	380-460/3/60
Running Amps.(A)		0.4	0.6	1.0	1.3	1.5	1.5	1.7	1.9	2.4



MCC + TTK



MWC + TWK



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 m².



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.

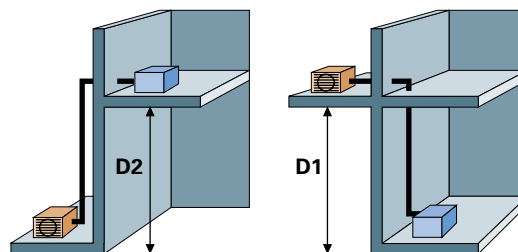
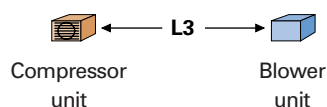
Infrared remote control with :

- 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.

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

Cooling line connections

Maximum line lengths



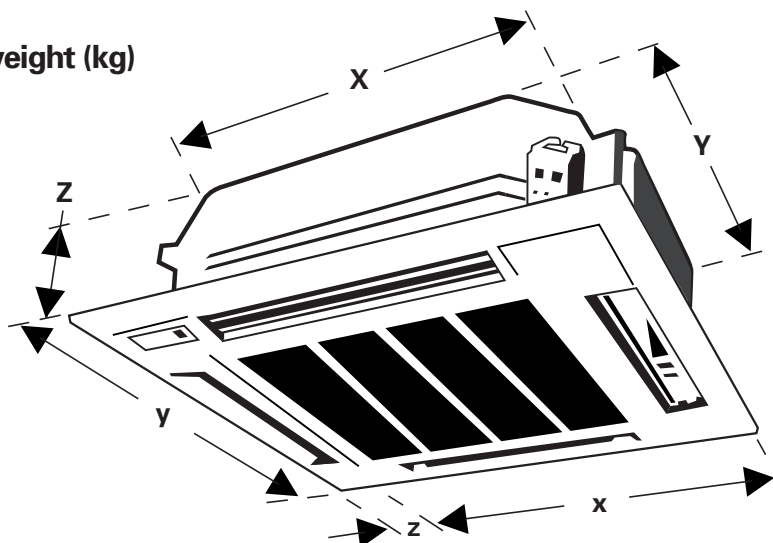
Outdoor unit		Max. Length (m)	Max. level difference (m)		Line diameters (inches)	
		L3	D2	D1	Gas	Liquid
	TTK 518 BB	10	5	5	3/8	5/8
	TTK 524 BB	10	5	5	3/8	5/8
	TTK 542 BB	10	5	5	1/2	3/4
	TWK 518 BB	10	5	5	3/8	5/8
	TWK 524 BB	10	5	5	3/8	5/8
	TWK 542 BB	10	5	5	1/2	3/4

Operating limits :

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

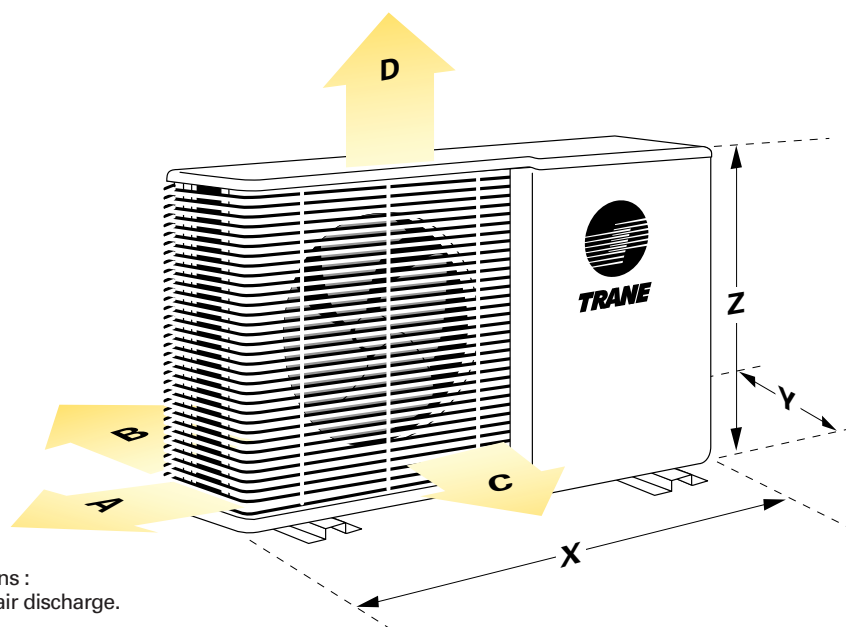
Dimensions (mm) and weight (kg)

CAS indoor units



	Unit Dimensions (mm)			Grille dimensions (mm)			Net weight (kg)
	X	Y	Z	x	y	z	
MCC/MWC							
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		(m³/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		(m³/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.

 MCW + TTD, TTQ
 MWW + TWD
 1.5 - 2 T.R.



The best minisplits configuration for equipping several small rooms.

The indoor units are compact, silent and aesthetically pleasing.

Possibility of adjusting the temperature room by room using command electronics that are adapted for the comfort of each user.

Small size, rapid installation.

A particularly economical solution in comparison to classic systems.



MCW/MWW
509 - 512 L/P

FOR WHOM? FOR WHAT?

A good solution for individuals or professionals wishing to equip 2 rooms for similar purposes.

For cooling only or reversible air-conditioning configured for 2 rooms.



TTD/TWD

TRANE'S ADVICE

Need for temperature coherence between the different rooms. No more than 5°C gap.

NEW! for 60Hz 4:1 combination TTQ 530 with 4 MCW 507L

RESIDENTIAL RANGE

Main features :

MCW/MWW indoor units

- 3 speed tangential fan motor.
- Aluminium fin heat exchanger with copper tubes.
- Washable air filters.
- Wall mounting.

Bisplit TTD/TWD outdoor units

- R 22 and R 407C Refrigerant Charge. (50Hz only)
- Axial Fan Motor.
- 2 Separate circuits with rotary hermetic compressors.
- Aluminium fin Coil with copper tubes.
- Integrated Condensate Tray.
- Condenser Coil and fan protection Grille.

Control :

Microprocessor and 230 V control with:

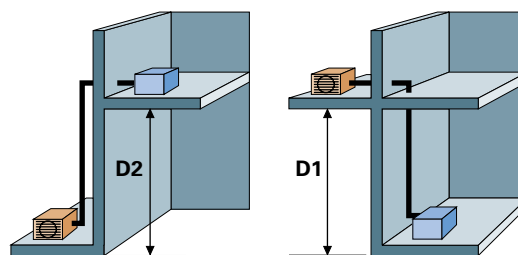
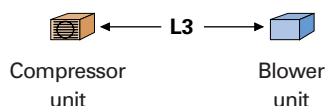
- Automatic control of the room temperature.
- Anti-frost protection of the evaporator coil.
- Compressor anti-recycle timer.
- Compressor discharge temperature protection.
- De-frosting by cycle reversal (heating mode).
- Operation is possible without remote control.

Infrared remote control with :

- Liquid crystal display.
- Selection of heating, cooling, heating/cooling and fan only.
- Selection of 3 fan speeds or automatic ventilation.
- Automatic sweeping of indoor air.
- Economy mode.
- Delayed start/stop.
- Recovery power failure.
- Dehumidification function.

Cooling line connections

Maximum line lengths



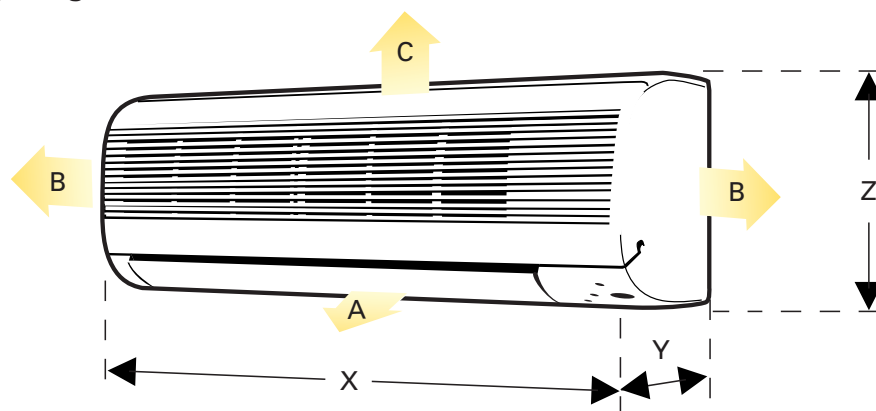
		Outdoor unit	Max. Length (m)	Max. level difference (m)		Line diameters (inches)	
			L3	D2	D1	Gas	Liquid
		TTD 514 B	10	5	5	3/8	1/4
		TTD 518 B	10	5	5	1/2	1/4
		TTD 524 B	10	5	5	1/2	1/4
		TWD 514 B	10	5	5	3/8	1/4
		TWD 518 B	10	5	5	1/2	1/4
		TWD 524 B	10	5	5	1/2	1/4
		TTD 514 CB (50Hz)	10	5	5	3/8	1/4
		TTD 518 CB (50Hz)	10	5	5	1/2	1/4
		TTD 524 CB (50Hz)	10	5	5	1/2	1/4
		TWD 514 CB (50Hz)	10	5	5	3/8	1/4
		TWD 518 CB (50Hz)	10	5	5	1/2	1/4
		TWD 524 CB (50Hz)	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

Dimensions (mm) and weight (kg)

MCW/MWW indoor units

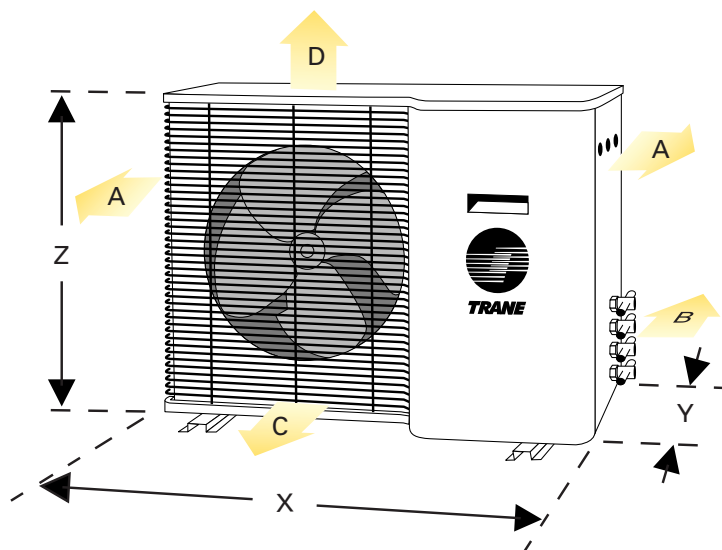


- Cooling line connections : to the left of the unit, opposite the air discharge. Possibly to the right, or at the back.
- Electrical connections : to the right of the unit, opposite the air discharge.

MCW/MWW	Dimensions (mm)			Clearance (mm)			Net weight (kg)
	X	Y	Z	A	B	C	
507 - 509 - 512 L/PB	770	180	250	500	70	40	8.5

TTD/TWD outdoor units

TTQ



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

TTD/TWD	Dimensions (mm)			Clearance (mm)			
	X	Y	Z	A	B	C	D
514 - 518 - 528 BB	950	410	700	600	600	600	600
518 B1	✓	✓	✓	✓	✓	✓	✓
TTQ 530 B1	950	410	840	600	600	600	600

RESIDENTIAL RANGE



Cooling only bi-split system

Indoor units			2 x MCW 507 LB	2 x MCW 507 PB	2 x MCW 509 LB	2 x MCW 509 PB	2 x MCW 512 LB	2 x MCW 512 PB
Outdoor unit			TTD 514 BB	TTD 514 CB	TTD 518 BB	TTD 518 CB	TTD 524 BB	TTD 524 CB
Refrigerant	Type		R 22	R 407 C	R 22	R 407 C	R 22	R 407 C
Cooling capacity (1)	(kW)		2 x 2.0	2 x 2.0	2 x 2.5	2 x 2.5	2 x 3.2	2 x 3.2
Cooling mode power input (1)	(kW)		2 x 0.71	2 x 0.8	2 x 1.0	2 x 1.0	2 x 1.3	2 x 1.3
Total current	(A)		2 x 3.27	2 x 3.8	2 x 4.8	2 x 4.8	2 x 6.4	2 x 6.4
Air flow	indoor units (3)	(m³/h)	400	400	450	450	480	480
Expansion system (3)	(Unit/Type)		Capillary in TTD					
Sound power	indoor unit (3) (4)	(dB(A))	≤ 44	≤ 44	≤ 44	≤ 44	≤ 48	≤ 48
	outdoor unit	(dB(A))	-	-	-	-	-	-
Sound pressure level	indoor unit (3) (4)	(dB(A))	≤ 36	≤ 36	≤ 36	≤ 36	≤ 40	≤ 40
	outdoor unit (5)	(dB(A))	-	-	-	-	-	-



Reversible bi-split system

Indoor units			2 x MWW 507 LB	2 x MWW 507 PB	2 x MWW 509 LB	2 x MWW 509 PB	2 x MWW 512 LB	2 x MWW 512 PB
Outdoor unit			TWD 514 BB	TWD 514 CB	TWD 518 BB	TWD 518 CB	TWD 524 BB	TWD 524 CB
Refrigerant	Type		R 22	R 407 C	R 22	R 407 C	R 22	R 407 C
Cooling capacity (1)	(kW)		2 x 2.0	2 x 2.0	2 x 2.5	2 x 2.5	2 x 3.2	2 x 3.2
Cooling mode power input (1)	(kW)		2 x 0.71	2 x 0.8	2 x 0.94	2 x 1.0	2 x 1.23	2 x 1.33
Heating capacity (2)	(kW)		2 x 2.4	2 x 2.4	2 x 3.1	2 x 2.8	2 x 3.8	2 x 3.8
Heating mode power input (2)	(kW)		2 x 0.81	2 x 0.86	2 x 1.05	2 x 1.0	2 x 1.48	2 x 1.46
Coefficient of performance (2)			2.8	2.8	2.8	2.8	2.6	2.6
Total current	(A)		2 x 3.42	2 x 3.8	2 x 4.8	2 x 4.8	2 x 6.4	2 x 6.8
Air flow	indoor units (3)	(m³/h)	400	400	450	450	480	480
Expansion system (3)	(Unit/Type)		Capillary in TWD					
Sound power	indoor unit (3) (4)	(dB(A))	≤ 44	≤ 44	≤ 44	≤ 44	≤ 48	≤ 48
Sound pressure level	indoor unit (3) (4)	(dB(A))	≤ 36	≤ 36	≤ 36	≤ 36	≤ 40	≤ 40

(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.

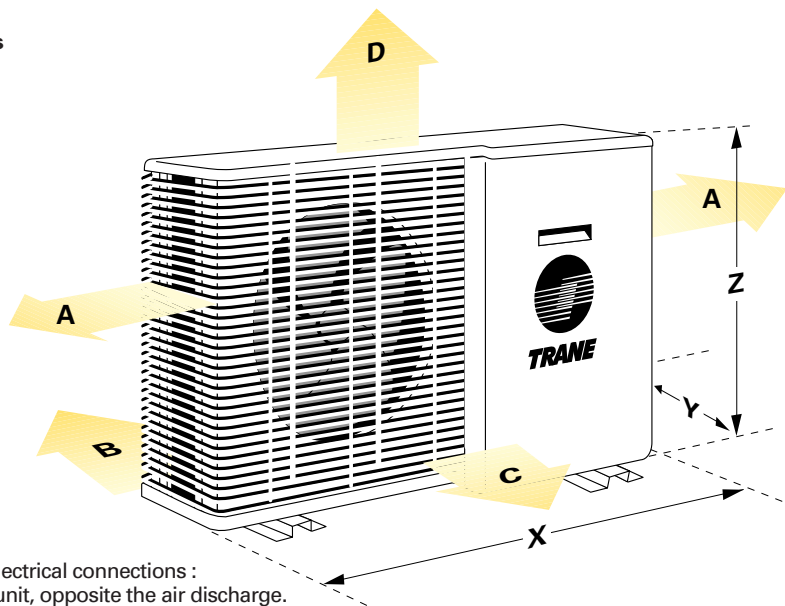


Cooling only quadra-split system (60 Hz only)

Indoor unit			4 x MCW 507 LB
Refrigerant	Type		R 22
Cooling capacity (1)	(kW)		4 x 2.5
Cooling mode power input (1)	(kW)		2 x 1.250
Total current	(A)		2 x 6.45
Air flow	indoor units (3)	(m³/h)	400
Expansion system (3)	(Unit/Type)		Capillary in TTQ
Sound power	indoor unit (3) (4)	(dB(A))	≤ 44
Sound pressure level	indoor unit (3) (4)	(dB(A))	≤ 36

Split System Cooling/Condensing Units

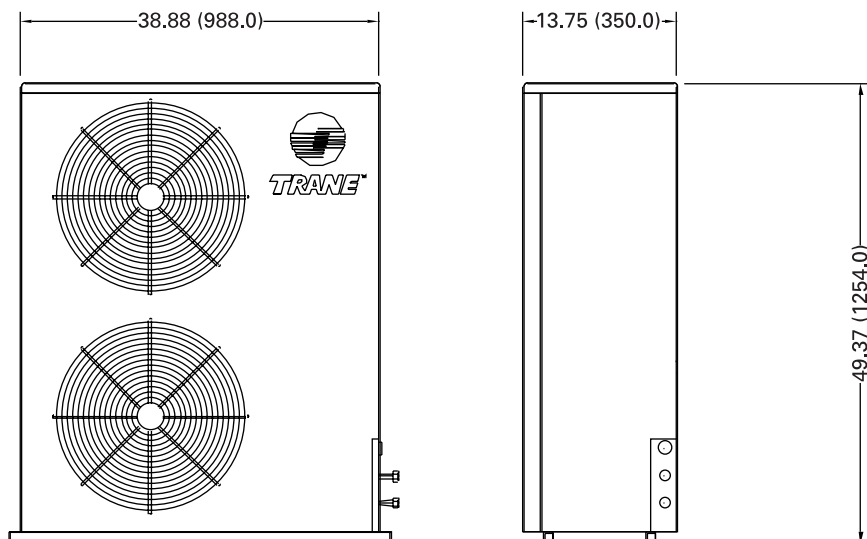
TTK outdoor units



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

TTK	Dimensions (mm)			Clearance (mm)				Net weight (kg)
	X	Y	Z	A	B	C	D	
512 P	700	250	530	300	250	1200	600	36
518 524 P	830	330	692	300	250	1200	600	49.1, 55.5
530 P	830	330	692	300	250	1200	600	60.7
048 K, 060 K	988	350	1254	300	250	1200	600	102, 111

TTK 048K / TTK 060K



TTK Single Split Outdoor Units

Cooling: 12-60 MBH (50/60 Hz)

Features

- Horizontal Air Flow
- Slim, Attractive Design
- Optional Expansion device (TTK 512-524)
- Rotary Compressor TT K512-524
- Scroll Compressor TTK 530-536

General Data 50 Hz

Product Specification		TTK512PB00FA	TTK518PB00FA	TTK524PB00FA	TTK530PB00FA	TTK536KB00FA	TTK538KB00FA	TTK042KD00CA	TTK048KD00EA	TTK060KD00EA
MODEL	POWER CONN - Volts/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50	380-415/3/50
MCA ¹		8.1	10.45	15.10	22.33	25.10	25.10	11.20	12.00	13.40
COMPRESSOR - Type		Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	R.L.Amps	6.16	8.00	11.30	17.10	19.30	19.30	8.20	8.90	10.00
	L.R.Amps	28.0	43.00	55.00	100.00	114.00	114.00	61.80	65.50	74.00
OUTDOOR FAN - Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Diameter (in) - No.Used	15 - 1	18 - 1	18 - 1	18 - 1	20 - 1	20 - 1	20 - 1	18-2	18-2
	No.Motors - (HP)	1 - 40	1 - 1/15	1 - 1/8	1 - 1/8	1 - 1/6	1 - 1/6	1 - 1/6	2 - 1/15	2 - 1/15
	R.L.Amps	0.43	0.45	0.95	0.95	1.25	1.25	1.25	0.66	0.66
	L.R.Amps	0.62	0.95	1.78	1.78	1.53	1.53	1.53	0.8	0.8
OUTDOOR COIL - Type		Louver Fin	Louver Fin	Louver Fin	Louver Fin	Louver Fin	Louver Fin	Louver Fin	Louver Fin	Louver Fin
	Face Area (Sq.Ft)-(Sq.M)	3.0 - 0.28	5.60 - 0.52	5.60 - 0.52	5.60 - 0.52	7.29 - 0.68	7.29 - 0.68	7.29 - 0.68	11.67 - 1.08	11.67 - 1.08
REFRIGERANT										
	Kg.of R-22	2.4	2.20	2.74	4.00	3.40	3.40	3.70	4.70	5.20
	Line Size-OD Gas (in)-(mm)	1/2 - 12.7	1/2 - 12.7	5/8 - 15.88	5/8 - 15.88	3/4 (19.05)	3/4 (19.05)	7/8 - 22.23	1 1/8 - 28.6	1 1/8 - 28.6
	Line Size-OD Liq.(in)-(mm)	1/4 - 6.35	1/4 - 6.35	3/8 - 9.52	3/8 - 9.52	3/8 - 9.52	3/8 - 9.52	3/8 - 9.52	3/8 - 9.52	3/8 - 9.52

General Data 60Hz

Product Specification		TTK512PB00FA	TTK518PB00FA	TTK524PB00FA	TTK530PB00FA	TTK536KB00FA	TTK538KB00FA	TTK042KD00CA	TTK048KD00EA	TTK060KD00EA
MODEL	POWER CONN - Volts/Ph/Hz	200-240/1/60	200-240/1/60	200-240/1/60	200-240/1/60	200-240/1/60	200-240/1/60	380-460/3/60	380-460/3/60	380-460/3/60
MCA ¹		7.0	12.03	14.72	19.97	24.20	24.20	10.10	10.3	12.4
COMPRESSOR - Type		Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	R.L.Amps	5.20	9.10	10.80	15.00	18.40	18.40	7.10	7.20	8.90
	L.R.Amps	29.0	51.00	52.00	73.00	95.00	95.00	46.00	48.00	65.50
OUTDOOR FAN - Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Diameter (in.) - No.Used	15 - 1	18 - 1	18 - 1	18 - 1	20 - 1	20 - 1	20 - 1	18-2	18-2
	No.Motors - (HP)	1 - 40	1 - 1/15	1 - 1/6	1 - 1/6	1 - 1/6	1 - 1/6	1 - 1/6	2 - 1/15	2 - 1/15
	R.L.Amps	0.46	0.65	1.22	1.22	1.25	1.25	1.25	0.66	0.66
	L.R.Amps	0.54	0.82	1.65	1.65	1.53	1.53	1.53	0.8	0.8
OUTDOOR COIL - Type		Louver Fin	Louver Fin	Louver Fin	Louver Fin	Louver Fin	Louver Fin	Louver Fin	Louver Fin	Louver Fin
	Face Area (Sq.Ft)-(Sq.M)	3.0 - 0.28	5.60 - 0.52	5.60 - 0.52	5.60 - 0.52	7.29 - 0.68	7.29 - 0.68	7.29 - 0.68	11.67 - 1.08	11.67 - 1.08
REFRIGERANT										
	Kg.of R-22	2.1	2.56	3.00	4.10	3.40	3.40	3.70	4.70	5.20
	Line Size-OD Gas (in)-(mm)	1/2 - 12.7	1/2 - 12.7	5/8 - 15.88	5/8 - 15.88	3/4 (19.05)	3/4 (19.05)	7/8 - 22.23	1 1/8 - 28.6	1 1/8 - 28.6
	Line Size-OD Liq.(in)-(mm)	1/4 - 6.35	1/4 - 6.35	3/8 - 9.52	3/8 - 9.52	3/8 (9.53)	3/8 (9.53)	3/8 - 9.52	3/8 - 9.52	3/8 - 9.52

¹ At ARI System rating condition 80 F-DB/67 F-WB outdoor

² MCA - Minimum circuit Ampacity ; calculated as follow : 125 % of compressor R.L.Amps



TTD + TTT

R22

1.5 - 3 TR

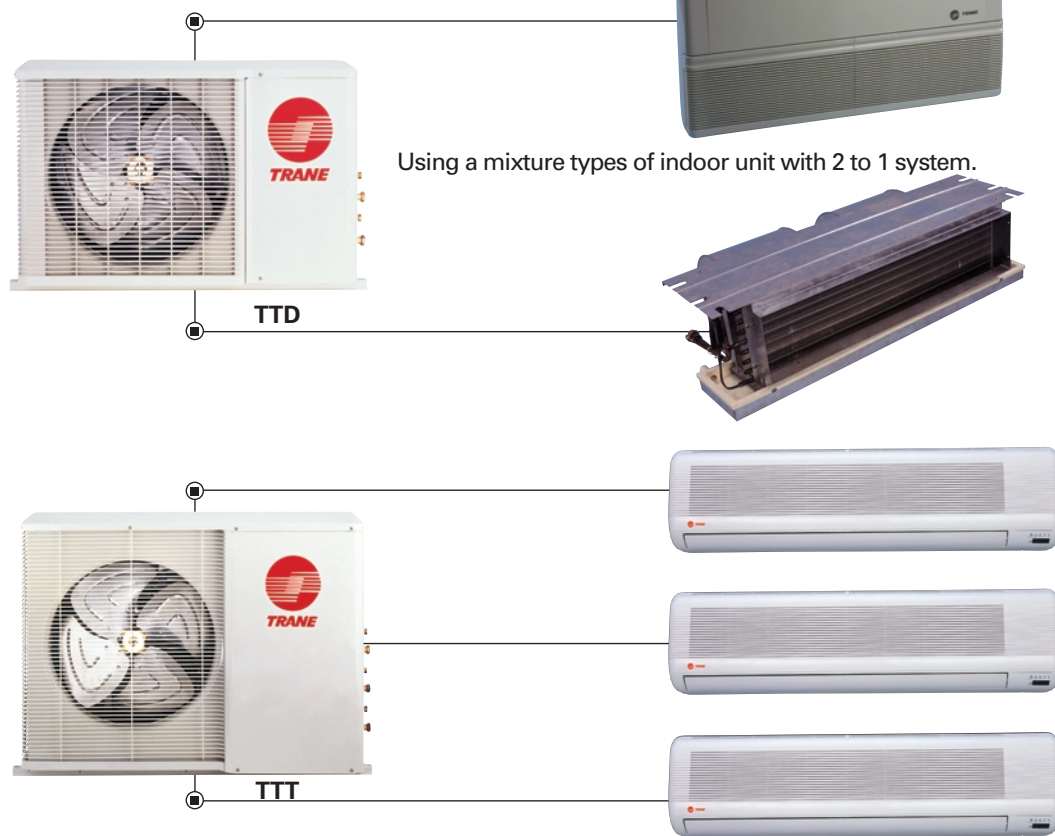


Multi-Split System Condensing Unit 18-36 MBh TTD+TTT Series 50/60 Hz

Flexibility - Trane multi-split system is an efficient, economical way to provide comfort in two rooms simultaneously with a 2 to 1 system (TTD) or up to three rooms simultaneously with a 3 to 1 system (TTT). It is possible to choose between combination of indoor unit either Hi-wall, Convertible or Concealed to suit your space and decor requirements.

Space Saving - Multi indoor unit with a single outdoor unit giving more usable outdoor space for more important things and better appearance.

Independent Circuits - Each of the independent compressors will operate with separate indoor unit as its own system. It offers more reliability and better comfort than a system which gangs multiple indoor units on a single compressor.



Using a mixture types of indoor unit with 2 to 1 system.

Using a mixture types of indoor unit with 3 to 1 system.

RESIDENTIAL RANGE

Specification 50 Hz

TTT/TTD Multi-Split Condensing Unit with Stylus, Illusion and Contura 3G Indoor Unit

OUTDOOR MODEL - TT	D518AB0E	D521AB0E	T521AB0E	D524AB0E	D524AB0E	T527AB0E	T530AB0E	D536AB0E	D536AB0E	T536AB0E	T536AB0E	D536AB0E	D536AB0E	T536AB0E	D536AB0E	T536AB0E
Indoor Unit #1	MCW509	MCW509	MCW507	MCW512	MCW512	MCW509	MCW509	MCW509	MCW518	MCW518	MCW512	MCW512	MCW512	MCW512	MCW512	MCW518
Indoor Unit #2	MCW509	MCW512	MCW507	MCW512	MCW512	MCW509	MCW509	MCW512	MCW518	MCW518	MCW512	MCW512	MCW512	MCW512	MCW512	MCW518
Indoor Unit #3	-	-	MCW507	-	-	MCW509	MCW509	MCW512	-	-	MCW512	MCW512	MCW512	MCW512	MCW512	MCW509
POWER CONN - V	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240
POWER CONN - Ph/Hz	1/50	1/50	1/50	1/50	1/50	1/50	1/50	1/50	1/50	1/50	1/50	1/50	1/50	1/50	1/50	1/50
MCA ^{1,2}	10.1	12.5	12.2	14.4	14.4	14.9	17.3	19.2	19.0	19.0	21.1	21.1	21.1	21.3	21.3	19.6
Nom. Capacity (Btu/h)	8,600	8,600	7,000	11,000	12,000	8,600	8,600	17,000	18,000	18,000	11,000	12,000	12,000	11,000	12,000	17,000
System #1	8,600	11,000	7,000	11,000	12,000	8,600	8,600	11,000	18,000	18,000	11,000	12,000	12,000	11,000	12,000	17,000
System #2	8,600	11,000	7,000	11,000	12,000	8,600	8,600	11,000	18,000	18,000	11,000	12,000	12,000	11,000	12,000	8,600
System #3	-	-	7,000	-	-	8,600	11,000	11,000	-	-	11,000	12,000	12,000	12,000	24,000	8,600
ELECTRICAL DATA - Outdoor																
R.L.Amps ³ -System #1	4.3	6.2	3.5	6.2	6.2	4.3	4.3	8.0	8.0	8.0	6.2	6.2	6.2	6.2	6.2	8
R.L.Amps ³ -System #2	4.3	6.2	3.5	6.2	6.2	4.3	4.3	8.0	8.0	8.0	6.2	6.2	6.2	6.2	11.3	4.3
R.L.Amps ³ -System #3	-	-	3.5	-	-	4.3	6.2	-	-	-	-	-	-	-	-	4.3
ELECTRICAL DATA - Indoor																
R.L.Amps ³ -System #1	0.09	0.14	0.08	0.14	0.36	0.09	0.09	0.25	0.42	0.57	0.14	0.14	0.14	0.36	0.45	0.25
R.L.Amps ³ -System #2	0.09	0.14	0.08	0.14	0.36	0.09	0.09	0.25	0.42	0.57	0.14	0.14	0.14	0.36	0.45	0.09
R.L.Amps ³ -System #3	-	-	0.08	-	-	0.09	0.14	-	-	-	0.14	0.36	0.45	0.36	0.56	0.09
Dimensions	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD
Outdoor Unit (mm)	590x952	590x952	666x1128	590x952	590x952	795x1128	795x1128	795x1128	795x1128	795x1128	795x1128	795x1128	795x1128	795x1128	795x1128	795x1128
Indoor Unit #1 (mm)	x330	x330	x360	x330	x330	x360	x360	x360	x360	x360	x360	x360	x360	x360	x360	x360
Indoor Unit #2 (mm)	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770
Indoor Unit #3 (mm)	x180	x180	x180	x180	x180	x180	x180	x180	x180	x180	x180	x180	x180	x180	x180	x180
Weight	60.4	61.8	78.5	63.2	63.2	110	112	113.4	115.2	115.2	114.8	114.8	115.2	115.2	115.2	114.8
Outdoor Unit - Kg	8.5,8.5	8.5,8.5	8.5,8.5,8.5	8.5,8.5	8.5,8.5	8.5,8.5,8.5	8.5,8.5,8.5	8.5,8.5,8.5	12.12	36.36	22.22	8.5,8.5,8.5	33.33,33.33	20,20,20	8.5,12	12.8,5,8.5

¹ At ARI system rating conditions of 80° F-DB/67° F-WB indoor & 95° F-DB outdoor.

² MCA - Minimum Circuit Ampacity; calculated as follows: 125% of compressor R.L. Amps plus the condenser fan motor R.L. Amps.

³ Rated for 25 feet (7.5 meters) of evacuated refrigerant piping.

⁴ When run three systems together the total amps will be lower than summation of amps of individual system due to sharing one CDU fan.

Specification 60 Hz

TTT/TTD Multi-Split Condensing Unit with Stylus, Illusion and Contura 3G Indoor Unit

OUTDOOR MODEL - TT	D518A10E	D521A10E	D524A10E	D524A10E	D524A10E	T527A10E	T530A10E	D536A10E	D536A10E	T536A10E	T536A10E	D536A10E	D536A10E	T536A10E	D536A10E	T536A10E
Indoor Unit #1	MCW509	MCW509	MCW507	MCW512	MCW512	MCW509	MCW509	MCW509	MCW518	MCW518	MCW512	MCW512	MCW512	MCW512	MCW512	MCW518
Indoor Unit #2	MCW509	MCW512	MCW507	MCW512	MCW512	MCW509	MCW509	MCW512	MCW518	MCW518	MCW512	MCW512	MCW512	MCW512	MCW512	MCW518
Indoor Unit #3	-	-	MCW507	-	-	MCW509	MCW509	MCW512	-	-	MCW512	MCW512	MCW512	MCW512	MCW512	MCW509
POWER CONN - V	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240	220-240
POWER CONN - Ph/Hz	1/60	1/60	1/60	1/60	1/60	1/60	1/60	1/60	1/60	1/60	1/60	1/60	1/60	1/60	1/60	1/60
MCA ^{1,2}	10.0	11.3	12.3	12.3	12.3	14.7	16.0	17.0	21.5	21.5	18.0	18.0	18.0	18.0	19.8	20.8
Nom. Capacity (Btu/h)	8,600	8,600	11,000	12,000	12,000	8,600	8,600	17,000	18,000	18,000	12,000	12,000	12,000	12,000	12,000	17,000
System #1	8,600	11,000	11,000	12,000	12,000	8,600	8,600	11,000	18,000	18,000	12,000	12,000	12,000	12,000	24,000	8,600
System #2	8,600	11,000	11,000	12,000	12,000	8,600	8,600	11,000	18,000	18,000	12,000	12,000	12,000	12,000	24,000	8,600
System #3	-	-	11,000	-	-	8,600	11,000	11,000	-	-	12,000	12,000	12,000	12,000	-	8,600
ELECTRICAL DATA - Outdoor																
R.L.Amps ³ -System #1	4.3	6.2	5.2	5.2	5.2	4.3	4.3	8.0	9.1	9.1	6.2	6.2	6.2	6.2	5.2	9.1
R.L.Amps ³ -System #2	4.3	6.2	5.2	5.2	5.2	4.3	4.3	8.0	9.1	9.1	6.2	6.2	6.2	6.2	10.8	4.2
R.L.Amps ³ -System #3	-	-	5.2	-	-	4.3	6.2	-	-	-	-	-	-	-	-	4.2
ELECTRICAL DATA - Indoor																
R.L.Amps ³ -System #1	0.17	0.17	0.17	0.48	0.47	0.17	0.17	0.32	0.67	0.67	0.17	0.48	0.47	0.47	0.48	0.32
R.L.Amps ³ -System #2	0.17	0.17	0.17	0.48	0.47	0.17	0.17	0.32	0.67	0.67	0.17	0.48	0.47	0.47	0.48	0.17
R.L.Amps ³ -System #3	-	-	0.17	-	-	0.17	0.17	-	-	-	0.17	0.48	0.47	0.47	-	0.17
Dimensions	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD	HxWxD
Outdoor Unit (mm.)	590x952	590x952	590x952	590x952	590x952	795x1128	795x1128	795x1128	795x1128	795x1128	795x1128	795x1128	795x1128	795x1128	795x1128	795x1128
Indoor Unit #1 (mm.)	x330	x330	x330	x330	x330	x360	x360	x360	x360	x360	x360	x360	x360	x360	x360	x360
Indoor Unit #2 (mm.)	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770	250x770
Indoor Unit #3 (mm.)	x180	x180	x180	x180	x180	x180	x180	x180	x180	x180	x180	x180	x180	x180	x180	x180
Weight	60.4	61.8	78.5	63.2	63.2	110	112	113.4	115.2	115.2	114.8	114.8	115.2	115.2	115.2	114.8
Outdoor Unit - (Kg)	8.5,8.5	8.5,8.5	8.5,8.5	8.5,8.5	8.5,8.5	8.5,8.5,8.5	8.5,8.5,8.5	8.5,8.5,8.5	12.12	36.36	22.22	8.5,8.5,8.5	33.33,33.33	20,20,20	8.5,12	12.8,5,8.5

¹ At ARI system rating conditions of 80° F-DB/67° F-WB indoor & 95° F-DB outdoor.

² MCA - Minimum Circuit Ampacity; calculated as follows: 125% of compressor R.L. Amps plus the condenser fan motor R.L. Amps.

³ Rated for 25 feet (7.5 meters) of evacuated refrigerant piping.

⁴ When run three systems together the total amps will be lower than summation of amps of individual system due to sharing one CDU fan.

Only one indoor unit in order to equip several zones using a network of ducts.

A unit that can be easily installed thanks to its small dimensions and light weight.

A simple wall-mounted room thermostat allows the temperature to be set.

Very low level of noise : its biggest advantage.

Responds to aesthetic demands : the diffusers make the installation almost invisible.

FOR WHOM? FOR WHAT?

For offices, hotels, public buildings, businesses and residential applications, thanks to the Varitrac® applications.

For rooms varying between 20 m2 and 160 m2 in size.



TWE

TRANE'S ADVICE

This configuration is ideal for small and medium-sized surface areas equipped with false ceilings. An economical solution with discrete and quiet equipment.

However, this is an installation that must be included in planning at the time of construction.



TWG



1.5 - 5 T.R.

Features :

- Easy to clean coil and drain pan
- Convertible upflow to horizontal left, (no tools required) (matches installed units)
- Designed to use "off the shelf" standard size replaceable fiberglass filters – Industry Exclusive
- Easy to remove filters and blowers for easy cleaning and replacement
- Expanded application fit with narrow cabinet profile
- Easy access electrical controls and hook-up
- Attractive enamel finish
- R 4.2 - 1" insulation
- Versatile duct flange – allows flush fit $\frac{3}{4}$, 1 or $1\frac{1}{2}$ inch duct insulation
- Tight cabinet - low leak by design
- IAQ (Indoor Air Quality) sloped/free draining pan, no standing water
- Durable, glass-filled Lexan – Never rust, no leak drain pan
- Maximum depth 21 inches – fits pull-down staircase
- Exclusive maximum width $23\frac{1}{2}$ inches – fits 2 foot wide door
- Built-in time delay
- Full line $1\frac{1}{2}$ – 5 tons
- Direct drive motor
- Filter panel stamped with word "filter"
- **AccuTron™** refrigerant control
- Expansion valve (Bleed TXV) standard on 5-ton models
- Polarized plugs for easy hook-up to electric heaters
- 200/230 volt primary and 24 volt secondary transformer
- Electric heaters with breaker option on all sizes
- TWG Air Handlers are approved for modular or manufactured homes

Standard Efficiency Convertible Air Handlers



Convertible (208-230/1/60)

Tons	Unit Model No.	Cooling Capacity (MBH)	FCCV	Fan Speed	Dimensions H x W x D (in.)	Shipping Weight (Lbs.)	Supply Opening ^{1,2}	Return Opening ¹	Filter Sizes	Line Gas	Size Liquid
1 $\frac{1}{2}$	TWG018A140B	18	.049	3	43 x 16 x 21	108	14 x 12 $\frac{1}{4}$ or 13 x 11 $\frac{1}{4}$	14 x 18 $\frac{1}{4}$	14 x 20 x 1	$\frac{5}{8}$	$\frac{1}{4}$
2	TWG025A140B	24	.055	3	45.7 x 18 x 21	124	16 x 12 $\frac{1}{4}$ or 15 x 11 $\frac{1}{4}$	16 x 18 $\frac{1}{4}$	16 x 20 x 1	$\frac{3}{4}$	$\frac{5}{16}$
2 $\frac{1}{2}$	TWG030A140B	30	.069	3	45.7 x 18 x 21	125	16 x 12 $\frac{1}{4}$ or 15 x 11 $\frac{1}{4}$	16 x 18 $\frac{1}{4}$	16 x 20 x 1	$\frac{3}{4}$	$\frac{5}{16}$
3	TWG036A140B	36	.071	3	52 x 18 x 21	135	16 x 12 $\frac{1}{4}$ or 15 x 11 $\frac{1}{4}$	16 x 18 $\frac{1}{4}$	16 x 20 x 1	$\frac{7}{8}$	$\frac{3}{8}$
3	TWG037A140B	37	.071	3	43 x 21 $\frac{1}{2}$ x 21	145	19 $\frac{1}{2}$ x 12 $\frac{1}{4}$ or 18 $\frac{1}{2}$ x 11 $\frac{1}{4}$	19 $\frac{1}{2}$ x 18 $\frac{1}{4}$	20 x 20 x 1	$\frac{7}{8}$	$\frac{3}{8}$
3 $\frac{1}{2}$	TWG042A140B	42	.080	3	43 x 23 $\frac{1}{2}$ x 21	160	21 $\frac{1}{2}$ x 12 $\frac{1}{4}$ or 20 $\frac{1}{2}$ x 11 $\frac{1}{4}$	21 $\frac{1}{2}$ x 18 $\frac{1}{4}$	20 x 20 x 1	$\frac{7}{8}$	$\frac{3}{8}$
4	TWG048A140B	48	.083	3	48.3 x 23 $\frac{1}{2}$ x 21	185	21 $\frac{1}{2}$ x 12 $\frac{1}{4}$ or 20 $\frac{1}{2}$ x 11 $\frac{1}{4}$	21 $\frac{1}{2}$ x 18 $\frac{1}{4}$	20 x 20 x 1	$\frac{7}{8}$	$\frac{3}{8}$
5	TWG060A150B	58	TXV	3	57.3 x 23 $\frac{1}{2}$ x 21	205	21 $\frac{1}{2}$ x 12 $\frac{1}{4}$ or 20 $\frac{1}{2}$ x 11 $\frac{1}{4}$	21 $\frac{1}{2}$ x 18 $\frac{1}{4}$	22 x 20 x 1	$\frac{7}{8}$	$\frac{3}{8}$

¹ Actual opening does not include flange.

² Adjustable duct flange allows for a flush fit with $\frac{3}{4}$, 1 or 1 $\frac{1}{2}$ inch insulation.

Standard Efficiency 6 Way Convertible Air Handlers



Features :

- Ships horizontal - converts to upflow by standing unit on end.
- Six-way convertibility-horizontal (left & right); front & rear access; upflow, downflow
- "1-man" installation opportunity
- Electrical, refrigerant, condensate & blower access convertible to either side
- Versatile duct flange - allows flush fit $\frac{3}{4}$ ", 1", or $1\frac{1}{2}$ " duct insulation
- Compact 21" depth for easy installation
- Uses BAYHTR1400 series heaters
- Corrosion resistant galvanized metal with attractive finish
- IAQ (Indoor Air Quality) sloped/free draining pan, no standing water
- TWE air handlers are approved for modular or manufactured homes.
- Superior condensate performance
- Enhanced internally finned coil tubes
- Direct drive motor
- Standard size filters
- Multi-speed blower
- 200/230 volt primary & 24 volt secondary transformer
- Low voltage wire nut connections
- Insulated cabinet
- External access to heater circuit breakers
- Polarized plugs for making electrical connections from air handler control box to heaters
- Built-in indoor fan delay function for increased efficiency. No kit required.
- Motors internally isolated

Convertible (200/230/1/60)

Tons	Unit Model No.	Cooling Capacity (MBH)	FCCV	Fan Speed	Dimensions H x W x D (in.)	Shipping Weight (lbs.)	Supply Opening ^{1,2}	Return Opening ¹	Filter Sizes	Line Gas	Size Liquid
1½	TWE018C140B	18	.049	3	43 x 21½ x 21	113	19¼ x 12 or 18¼ x 11	19½ x 18	20 x 20 x 1	5/8	¼
1½	TWE018C14FB (Air Tite™)	18	.049	3	43 x 21½ x 21	113	19¼ x 12 or 18¼ x 11	19½ x 18	20 x 20 x 1	5/8	¼
2	TWE024C140B	24	.055	3	43 x 21½ x 21	115	19¼ x 12 or 18¼ x 11	19½ x 18	20 x 20 x 1	¾	5/16
2	TWE024C14FB (Air Tite™)	24	.055	3	43 x 21½ x 21	115	19¼ x 12 or 18¼ x 11	19½ x 18	20 x 20 x 1	¾	5/16
2½	TWE030C140B	30	.067	3	43 x 21½ x 21	120	19¼ x 12 or 18¼ x 11	19½ x 18	20 x 20 x 1	7/8	3/8
2½	TWE030C14FB (Air Tite™)	30	.067	3	43 x 21½ x 21	120	19¼ x 12 or 18¼ x 11	19½ x 18	20 x 20 x 1	7/8	3/8
3	TWE036C140B	36	.071	3	43 x 21½ x 21	125	19¼ x 12 or 18¼ x 11	19½ x 18	20 x 20 x 1	7/8	3/8
3	TWE036C14FB (Air Tite™)	36	.071	3	43 x 21½ x 21	125	19¼ x 12 or 18¼ x 11	19½ x 18	20 x 20 x 1	7/8	3/8
3½	TWE042C140C	42	.080	3	45 x 23½ x 21	145	21¼ x 12 or 20¼ x 11	21½ x 18	20 x 20 x 1	7/8	3/8
3½	TWE042C14FC (Air Tite™)	42	.080	3	45 x 23½ x 21	145	21¼ x 12 or 20¼ x 11	21½ x 18	20 x 20 x 1	7/8	3/8
4	TWE048C140C	48	.083	3	52 x 23½ x 21	165	21¼ x 12 or 20¼ x 11	21½ x 18	20 x 20 x 1	1⅞	3/8
4	TWE048C14FC (Air Tite™)	48	.083	3	51 x 23½ x 21	165	21¼ x 12 or 20¼ x 11	21½ x 18	20 x 20 x 1	1⅞	3/8
5	TWE060D150B	60	TXV	3	58 x 23½ x 21	185	21¼ x 12 or 20¼ x 11	21½ x 18	22 x 20 x 1	1⅞	3/8
5	TWE060C15FD ³ (Air Tite™)	60	TXV	3	57 x 23½ x 21	185	21¼ x 12 or 20¼ x 11	21½ x 18	22 x 20 x 1	1⅞	3/8

¹ Actual opening does not include flange.

² Adjustable duct flange allows for a flush fit with 1 1/2 inch insulation or 3/4 inch or 1 inch insulation.

³ Two piece cabinet.



TWE - P

R22 1.5 - 5 T.R.

Features :

- 12.0 SEER
- Ships horizontal - converts to upflow by standing unit on end
- Six-way convertibility-horizontal (left & right);front & rear access; upflow, downflow
- "1- man" installation opportunity
- Electrical, refrigerant, condensate & blower access convertible to either side
- Compact 21" depth for easy installation
- Corrosion resistant galvanized metal with attractive finish
- Superior condensate performance• Enhanced internally finned coil tubes
- Direct drive motor
- IAQ (Indoor Air Quality) sloped/free draining pan, no standing water
- Versatile duct flange - allows flush fit $\frac{3}{4}$ ", 1", 1 $\frac{1}{2}$ " duct insulation
- Filter panel stamped with word "filter"
- 200/230 volt primary & 24 volt secondary transformer
- Low voltage wire nut connections
- Insulated cabinet
- External access to heater circuit breakers
- Polarized plugs for making electrical connections from air handler control box to heaters
- Factory installed non-bleed TXV
- TWE Air Handlers are approved for modular or manufactured homes
- 1-year limited parts warranty

Improved Efficiency Convertible Air Handlers



Convertible (200/230/1/60)

Tons	Unit Model No.	Cooling Capacity (MBH)	FCCV	Fan Speed	Dimension H x W x D (in.)	Shipping Weight (lbs.)	Supply Opening ^{1 2}	Return Opening ¹	Filter Sizes	Line Gas	Size Liquid
1 $\frac{1}{2}$	TWE018P130B	18	TXV	3	43 x 21 $\frac{1}{2}$ x 21	114	19 $\frac{1}{4}$ x 12 or 18 $\frac{1}{4}$ x 11	19 $\frac{1}{2}$ x 18	20 x 20 x 1	$\frac{5}{8}$	$\frac{1}{4}$
1 $\frac{1}{2}$	TWE018P13FB (Air Tite™)	18	TXV	3	43 x 21 $\frac{1}{2}$ x 21	114	19 $\frac{1}{4}$ x 12 or 18 $\frac{1}{4}$ x 11	19 $\frac{1}{2}$ x 18	20 x 20 x 1	$\frac{5}{8}$	$\frac{1}{4}$
2	TWE024P130B	24	TXV	3	43 x 21 $\frac{1}{2}$ x 21	121	19 $\frac{1}{4}$ x 12 or 18 $\frac{1}{4}$ x 11	19 $\frac{1}{2}$ x 18	20 x 20 x 1	$\frac{3}{4}$	$\frac{5}{16}$
2	TWE024P13FB (Air Tite™)	24	TXV	3	43 x 21 $\frac{1}{2}$ x 21	121	19 $\frac{1}{4}$ x 12 or 18 $\frac{1}{4}$ x 11	19 $\frac{1}{2}$ x 18	20 x 20 x 1	$\frac{3}{4}$	$\frac{5}{16}$
2 $\frac{1}{2}$	TWE030P130B	30	TXV	3	43 x 21 $\frac{1}{2}$ x 21	121	19 $\frac{1}{4}$ x 12 or 18 $\frac{1}{4}$ x 11	19 $\frac{1}{2}$ x 18	20 x 20 x 1	$\frac{3}{4}$	$\frac{5}{16}$
2 $\frac{1}{2}$	TWE030P13FB (Air Tite™)	30	TXV	3	43 x 21 $\frac{1}{2}$ x 21	121	19 $\frac{1}{4}$ x 12 or 18 $\frac{1}{4}$ x 11	19 $\frac{1}{2}$ x 18	20 x 20 x 1	$\frac{3}{4}$	$\frac{5}{16}$
3	TWE036P130B	36	TXV	3	45 x 21 $\frac{1}{2}$ x 21	135	19 $\frac{1}{4}$ x 12 or 18 $\frac{1}{4}$ x 11	19 $\frac{1}{2}$ x 18	20 x 20 x 1	$\frac{7}{8}$	$\frac{3}{8}$
3	TWE036P13FB (Air Tite™)	36	TXV	3	45 x 21 $\frac{1}{2}$ x 21	135	19 $\frac{1}{4}$ x 12 or 18 $\frac{1}{4}$ x 11	19 $\frac{1}{2}$ x 18	20 x 20 x 1	$\frac{7}{8}$	$\frac{3}{8}$
3 $\frac{1}{2}$	TWE042P130B	42	TXV	3	52 x 23 $\frac{1}{2}$ x 21	165	21 $\frac{1}{4}$ x 12 or 20 $\frac{1}{4}$ x 11	21 $\frac{1}{2}$ x 18	20 x 20 x 1	$\frac{7}{8}$	$\frac{3}{8}$
3 $\frac{1}{2}$	TWE042P13FB (Air Tite™)	42	TXV	3	52 x 23 $\frac{1}{2}$ x 21	165	21 $\frac{1}{4}$ x 12 or 20 $\frac{1}{4}$ x 11	21 $\frac{1}{2}$ x 18	20 x 20 x 1	$\frac{7}{8}$	$\frac{3}{8}$
4	TWE048P130B	48	TXV	3	57 x 26 x 21	188	23 $\frac{3}{4}$ x 12 or 22 $\frac{3}{4}$ x 11	24 x 18	20 x 25 x 1	1 $\frac{1}{8}$	$\frac{3}{8}$
4	TWE048P13FB (Air Tite™)	48	TXV	3	57 x 26 x 21	188	23 $\frac{3}{4}$ x 12 or 22 $\frac{3}{4}$ x 11	24 x 18	20 x 25 x 1	1 $\frac{1}{8}$	$\frac{3}{8}$
5	TWE060P130B	58	TXV	3	57 x 26 x 21	193	23 $\frac{3}{4}$ x 12 or 22 $\frac{3}{4}$ x 11	24 x 18	20 x 25 x 1	1 $\frac{1}{8}$	$\frac{3}{8}$
5	TWE060P13FB (Air Tite™)	58	TXV	3	57 x 26 x 21	193	23 $\frac{3}{4}$ x 12 or 22 $\frac{3}{4}$ x 11	24 x 18	20 x 25 x 1	1 $\frac{1}{8}$	$\frac{3}{8}$
5	TWE063P130B ¹	60	TXV	3	63 x 26 x 21	211	23 $\frac{3}{4}$ x 12 or 22 $\frac{3}{4}$ x 11	24 x 18	20 x 25 x 1	1 $\frac{1}{8}$	$\frac{3}{8}$
5	TWE063P13FB ¹ (Air Tite™)	60	TXV	3	63 x 26 x 21	211	23 $\frac{3}{4}$ x 12 or 22 $\frac{3}{4}$ x 11	24 x 18	20 x 25 x 1	1 $\frac{1}{8}$	$\frac{3}{8}$

¹ Two piece cabinet.

² Actual opening does not include flange.

High Efficiency 6 Way Convertible Air Handlers

- TWE air handlers are approved for modular or manufactured homes.
- TWE031E airflow selectable for 1½ – 3 ton O.D. unit
- TWE037E airflow selectable for 2 – 3½ ton O.D. unit
- TWE040E airflow selectable for 2 – 3½ ton O.D. unit
- TWE049E airflow selectable for 3 – 5 ton O.D. unit
- TWE065E airflow selectable for 3½ – 5 ton O.D. unit



Features :

- Ships horizontal - converts to upflow by standing unit on end
- Six-way convertibility
- Electrical, refrigerant, condensate & blower access convertible to either side
- Compact 21" depth for easy installation
- Variable speed Direct drive motor
- Enhanced **Comfort-R™** dehumidification start-up
- Soft start - cycle-on speed is ramped up gradually to reduce sound and draft
- 200/230 volt primary & 24 volt, 77 VA secondary transformer
- 1" thick insulated cabinet
- Corrosion resistant galvanized metal with attractive finish
- Versatile duct flange - allows flush fit ¾", 1", or 1½" duct insulation
- Low voltage terminal board
- External brazed refrigerant connections
- Filter panel stamped with word "filter"
- Filter door seal
- Exclusive duct flange thermal break/seal
- Check valve for heat pump application
- IAQ (Indoor Air Quality) sloped/free draining pan, no standing water
- Expansion valve refrigerant control
- Internally enhanced finned coil tubing
- Access to heater circuit breakers
- Polarized plugs for making motor and transformer electrical connections from air handler control box to electric heaters
- Primary and secondary drain connections
- Built-in indoor fan delay function for increased efficiency
- TWE-E Start Kit required with single-speed outdoor only
- Enhanced cooling/heating control Air Tite™

Convertible, Variable Speed with Comfort-R™ Enhanced Mode Option (200/230/1/60)

Tons	Unit Model No.	Cooling Capacity (MBH)	FCCV	Fan Speed	Dimensions H x W x D (in.)	Shipping Weight (lbs.)	Supply Opening ^{1,2}	Return Opening ¹	Filter Sizes	Line Gas	Size Liquid
1½-3	TWE031E13FB	31	TXV	Variable	43 x 21½ x 21	134	19¼ x 12 or 18¼ x 11	19½ x 18	20 x 20 x 1	¾	5/16
2-3½	TWE037E13FB	37	TXV	Variable	45 x 23½ x 21	142	21¼ x 12 or 20¼ x 11	21½ x 18	20 x 20 x 1	7/8	3/8
2-3½	TWE040E13FB	40	TXV	Variable	52 x 26 x 21	174	23¾ x 12 or 22¾ x 11	24 x 18	20 x 25 x 1	7/8	3/8
3-5	TWE049E13FB	49	TXV	Variable	58 x 26 x 21	188	23¾ x 12 or 22¾ x 11	24 x 18	20 x 25 x 1	1½	3/8
3½-5	TWE065E13FB*	65	TXV	Variable	63 x 26 x 21	218	23¾ x 12 or 22¾ x 11	24 x 18	20 x 25 x 1	1½	3/8

¹Actual opening does not include flange. * Two-Piece Cabinet

Convertible, Dual Circuit, Variable Speed with Comfort-R™ Enhanced Mode Option (200/230/1/60)

Tons	Unit Model No.	Cooling Capacity (MBH)	FCCV	Fan Speed	Dimensions H x W x D (in.)	Shipping Weight (Lbs.)	Supply Opening ^{1,2}	Return Opening ¹	Filter Sizes	Line Gas	Size Liquid
3-6	TWE062E13FB	64	TXV(2)	Variable	62¾ x 26 x 21	218	23¾ x 12 or 22¼ x 11	24 x 18	20 x 25 x 1	¾	3/8

¹Actual opening does not include flange.

Features :

- Climatuff® compressor
- Spine Fin™ all-aluminum coil
- Vertical discharge
- Heavy-gauge steel cabinet
- Unique powder paint for superior appearance and weather protection
- Single-side service access
- Flare connection

Cooling/Heat Pump Condensing Units



TTB/TWJ
Cooling/Heat Pump
10-36 MBH (50 Hz)

TTB/TWJ

	Power Supply	Nominal Cooling Capacity (Btuh)	Uncrated Dimensions (in.)			Shipping Weight (Lbs)
Model No.	Volts/Phase/Hz		H	W	D	
50 Hz Cooling (Flared)						
TTB510CA00A0	200-230/1/50	10,000	24	18	18	112
TTB515CA00A0		15,000	24	18	18	112
TTB520CA00A0		20,000	24	18	18	125
TTB524CA00A0		24,000	24	18	18	125
TTB530CA00A0		30,000	26	25	25	166
TTB536CA00A0		36,000	33	25	25	174
Heat Pump (Braze)						
TWJ010C	200-230/1/50	10,000	24	24	20	146
TWJ015C		15,000	24	24	20	146
TWJ020C		20,000	24	28	25	170
TWJ030C		30,000	33	28	25	202

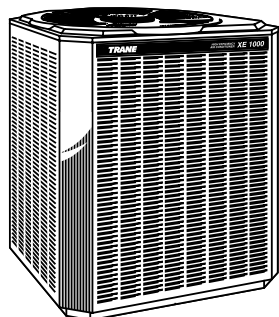
Features :

- Climatuff® compressor
- Spine Fin™ all-aluminum coil
- Multi-use service valves
- Steel cabinet, full coil protection
- Power paint for superior appearance and weather protection
- Vertical air discharge
- Weatherproofed electrical controls
- Flare or brazed connection

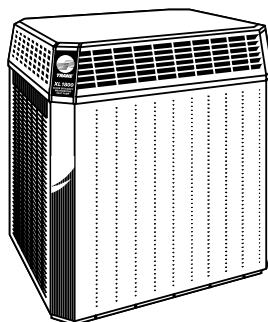
TTB
Cooling Only
12,000 - 36,000 Btuh (60 Hz)

	Power Supply	Nominal Cooling Capacity	Uncrated Dimensions (in.)			Shipping Weight (Lbs)
Model No.	Volts/Phase/Hz	(Btuh)	H	W	D	
60 Hz Cooling (Flared)						
TTB512C100A	200/230/1/60	12,000	24	18	18	112
TTB518C100A		18,000	24	18	18	112
TTB524C100A		24,000	24	18	18	125
TTB530C100A		30,000	26	25	25	166
Cooling (Braze)						
TTB012C100A	200/230/1/60	12,000	24	18	18	118
TTB018C100A		18,000	24	18	18	118
TTB024C100A		25,000	24	18	18	130

Cooling Phase



XE 1000



XL 1800

XE 1000 Split System Cooling — Single Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Required FCCV Size	Uncrated Dimensions (in)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
TTR018D100A	200/230/1/60	18	.053	24	24	20	144	82	11	15	5/8	1/4
TTR025C100A	200/230/1/60	24	.055	24	24	20	144	82	15	25	3/4	5/16
TTR030C100A	200/230/1/60	30	.067	24	28	25	162	78	20	30	3/4	5/16
TTR036D100A	208/230/1/60	36	.071	24	28	25	163	78	26	45	7/8	3/8
TTR042D100B	208/230/1/60	42	.080	33	28	25	208	78	28	45	7/8	3/8
TTR048D100A	208/230/1/60	48	.083	29	33	29	213	78	31	50	1 1/8	3/8
TTR060D100A	208/230/1/60	60	.092	41	33	29	259	79	38	60	1 1/8	3/8

XL 1800 Split System Cooling — Single Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Required FCCV Size	Uncrated Dimensions (in)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
TTZ036A100A	200/230/1/60	36	TXV	43	40	36	450	74	22	35	7/8	3/8
TTZ048A100A	200/230/1/60	48	TXV	43	40	36	460	74	25	40	1 1/8	3/8
TTZ060A100A	200/230/1/60	60	TXV	43	40	36	470	74	38	60	1 1/8	3/8

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



Split System Cooling

Single Phase – 1.5 - 5 T.R.

Features	XL 1800 (TTZ)	XE 1000 (TTR)
• SEER's up to	18.00	10.90
• 2-speed fan	✓	—
• Compressor sound enclosure	✓	—
• Climatuff® compressor	✓	✓
• Spine Fin™ coil	✓	✓
• Single side service	✓	✓
• Full coil protection with louvered panels	✓	✓
• Unique powder paint for superior appearance and weather protection	✓	✓
• Liquid line filter drier	✓	✓
• Braze refrigerant connections	✓	✓
• Multi-use service valves	✓	✓
• Direct-Drive propeller fan	✓	✓
• Weatherproof electrical controls	✓	✓
• Factory supplied charge of HCFC-22	✓	✓
• XL Seacoast Shield	✓	—

Optional Accessories

BAY41X228	Quick start kit	—	—
BAYKSKT250B	Quick start kit	—	1½-2½ Ton
BAYKSKT252A	Quick start kit	—	3-5 Ton
BAYKSKT260	Quick start kit	—	—
BAYCCHT200A ⁷	Crank Case Heater Kit	—	3-4 Ton
BAYCCHT201A ⁷	Crank Case Heater Kit	—	5 Ton
BAY24X045	Indoor fan delay relay kit	—	✓
AY28X079	Evaporator defrost control	✓	✓
BAYISLT100	Rubber isolators (4)	—	✓
BAYSEAC001	Seacoast Kit	—	✓

¹ Do not use with programmable thermostats.

Thermostats

AY28X092	1-Stage Heat/1-Stage Cool (Horiz.)	—	✓
TAYSENS100A ⁴	Outdoor Temp. Sensor	✓	✓
TAYSTAT241	Manual 2 Stg Htg/1 Clg	✓	✓
TAYASCT501A ¹	5 minute delay relay	✓	✓
TAYSTAT250B	Outdoor Thermostat	✓	✓
TAYSTAT300C	XT300C 7 Day Programmable	—	✓
TAYSTAT302C	XT302C 7 Day Programmable	✓	✓
TAYSTAT340	Prog., 5/2 Day, 1(Elec./Gas)Htg/1Clg	—	—
TAYSTAT350	Prog., 5/2 Day, Manual, 2 (Gas) Htg/1Clg	—	—
TAYSTAT370	Electronic, 1Htg(Gas)/1Clg(Non Prog.)	—	✓
TAYSTAT371 ³	Electronic, 1Htg(Elec.)/1Clg(Non Prog.)	—	✓
TAYSTAT380	Electronic, 2 Htg (Gas)/1 Clg (Non Prog.)	—	—
BAYSENS024A	Outdoor Temperature Sensor	✓	—
BAYSENS025A	Remote Temperature Sensor	✓	—
BAYSTAT037A	Prog. Auto 2 Stage Htg/Clg	✓	—
BAYSTAT253	Humidistat	✓	—
BAYSTAT304	Cooling Only With Fan Switch	—	✓
BAYSTAT305	1-Step Heat/1-Step Cool (Vert.)	—	✓
BAY28X182 ¹	1-Stage Heating/Cooling	—	—
BAY28X183 ¹	2-Stage Heating/Cooling	✓	—
BAY28X184 ⁵	Subbase (Automatic/Manual Changeover) ..	✓	—
BAY28X185 ⁶	Subbase (Manual Changeover)	✓	—
BAY28X187 ⁶	Subbase (Automatic Changeover)	✓	—
BAY28X190	Locking Thermostat Cover	✓	✓

¹ Requires Subbase.

² Requires BAY24X042 relay kit when used with electric heat.

³ Specifically designed for electric heat applications (instant on fan).

⁴ Used with TAYSTAT300C, TAYSTAT302C.

⁵ Use with BAY28X183.

⁶ Use with BAY28X182, BAY28X183.

⁷ When field inner connecting lines exceed the standard 60 linear feet of length consult refrigerant piping software (Pub. No. 32-3312-01).

XB 10 Split System Cooling

NEW!



Features:

- **Climatuff®** compressor
- All aluminum **Spine Fin™** coil
- **DuraTuff™** base, fast complete drain, weather proof
- New cabinet with anthracite base and polystate gray cabinet
- **Quick-Sess™** cabinet, service access and refrigerant connections with full coil protection
- Corrosion resistant finish and fasteners
- High/low pressure & temperature protection
- Liquid line filter-drier
- Easy single side service
- Multi-use liquid and suction line service valves
- Easy top & fan removal
- Full length control cover
- **SureFast™** seams louver panel removal
- HCFC-22 refrigerant
- **Extended warranties available**
- S.E.E.T. design testing
- 100% line run test
- Low ambient cooling to 55°F as shipped
- Low ambient cooling to 40°F with EDC accessory AY28X079
- Low ambient cooling to 30°F with EDC accessory AY28X079 and TXV

Specifications: 1 Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Uncrated Dimensions (in)			Shipping Weight	
			H	W	D		
2TTB0012A1000A	200/230/1/60	12	26	20	19	132	4th
2TTB0018A1000A	200/230/1/60	18	26	20	19	129	Quarter
2TTB0024A1000A	200/230/1/60	24	26	20	19	141	Production
2TTB0030A1000A	200/230/1/60	30	26	29	26	169	
2TTB0036A1000A	200/230/1/60	36	26	29	26	175	
2TTB0042A1000A	200/230/1/60	42	29	29	26	208	
2TTB0048A1000A	200/230/1/60	48	29	29	26	218	
2TTB0060A1000A	200/230/1/60	60	33	33	30	256	

Accessories:

Model Number	Description	Used With	Shipping Weight
TAYSTAT300C	XT 300C Programmable Therm.	All Cooling Models	2
TAYSENS100A	Outdoor Temp. Sensor	TAYSTAT300C,302C	1
TAYSTAT370	Electronic, 1Htg (Gas)/1 Clg (Non Prog.)	All Cooling/Gas Models	1
TAYSTAT371 ¹	Electronic, 1Htg (Elec.)/1 Clg (Non Prog.)	All Cooling/E.H. Models	1
BAYSTAT304	Cooling Only w/Fan Switch	All Cooling Models	1
BAYSTAT305	Heat/Cool (Vertical) Therm.	All Cooling Models	1
AY28X092	Heat/Cool (Horiz.) Therm.	All Cooling Models	2
BAY28X190	Locking Thermostat Cover	Room Thermostats	2
TAYSTAT250B	Outdoor Thermostat	Cooling & Heat Pump Models	1
AY28X079	Evap. Defrost Control Kit	All Cooling Models	1
BAY24X045	ID Fan Delay Relay Kit	All Cooling Models	1
TAYASCT501A ²	5 Minute Delay Relay	All Cooling Models	1
BAYSKT257	Start Kit	1 - 5 Ton Models	1
BAYECMT001	Extreme Condition Mounting Kit	All Cooling Models	2
BAYSEAC001	Seacoast Kit	All Cooling Models	1

¹ Specifically designed for electric heat applications (instant on fan)

² Not for use with programmable thermostats.



2TTR2

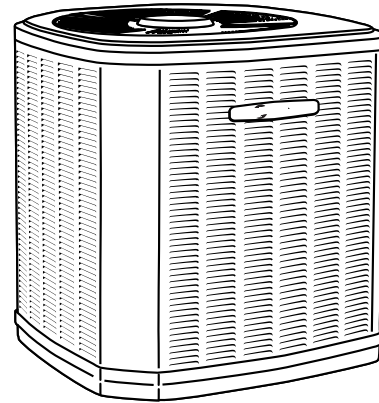
R22 1.5 - 5 T.R.

Features :

- **Climatuff**® compressor
- Efficiency up to 13.0 SEER
- All aluminum **Spine Fin**™ coil
- **DuraTuff**™ base, fast complete drain, weather proof
- **WeatherGuard**™ fasteners
- New appearance with enhanced consumer cues
- New tarpaulin gray cabinet with anthracite badge and base
- Low sound ratings
- **Quick-Sess**™ cabinet, service access and refrigerant connections with full coil protection
- Glossy corrosion resistant finish
- High/low pressure & temperature protection
- All models have designed startability
- 018 and 024 ship with start kit
- Liquid line filter-drier
- **Comfort"R"**™ mode approved
- Easy single side service
- Multi-use liquid and suction line service valves
- Easy top & fan removal
- Full length control and service valve cover
- **SureFast**™ seams louver panel removal
- HCFC-22 refrigerant
- S.E.E.T. design testing

XR 12 Split System Cooling

NEW!



Specifications: 1 Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Uncrated Dimensions (in)			Shipping Weight
			H	W	D	
2TTR2018A1000A	200/230/1/60	18	26	29	26	171
2TTR2024A1000A	200/230/1/60	24	29	29	26	187
2TTR2030A1000A	208/230/1/60	30	29	29	26	180
2TTR2036A1000A	208/230/1/60	36	33	29	26	195
2TTR2042A1000A	208/230/1/60	42	33	33	30	228
2TTR2048A1000A	208/230/1/60	48	37	33	30	247
2TTR2060A1000A	208/230/1/60	60	37	33	30	270

Accessories:

Model Number	Description	Used With	Shipping Weight
TAYSTAT300C XT	300C Programmable Therm.	All Cooling Models	2
TAYSTAT302C	XT 302C Elec. 2 Stg. Htg/1 Clg	All Cooling Models	1
TAYSENS100A	Outdoor Temp. Sensor	TAYSTAT300C,302C	1
TAYSTAT340	Prog., 5/2 Day, Manual, 1Htg/1 Clg	All Cooling Models	1
TAYSTAT350	Prog., 5/2 Day, Manual, 2(Gas) Htg/1 Clg	All Cooling/Gas Models	1
TAYSTAT370	Electronic, 1Htg (Gas)/1 Clg (Non Prog.)	All Cooling/Gas Models	1
TAYSTAT371 ²	Electronic, 1Htg (Elec.)/1 Clg (Non Prog.)	All Cooling/E.H. Models	1
TAYSTAT380	Electronic, 2 Htg (Gas)/1 Clg (Non Prog.)	All Cooling/Gas Models	1
TAYSTAT241	Manual 2 Stg Htg/1 Clg	All Cooling Models	1
BAY28X182 ¹	1-Stage Htg/Clg Therm.	All Cooling Models	1
BAY28X183 ¹	2-Stage Htg/Clg Therm.	All Cooling Models	1
BAY28X185 ²	Subbase (Man. Changeover)	BAY28X182,183	1
BAYSTAT304	Cooling Only w/Fan Switch	All Cooling Models	1
BAYSTAT305	Heat/Cool (Vertical) Therm.	All Cooling Models	1
AY28X092	Heat/Cool (Horiz.) Therm.	All Cooling Models	2
BAY28X190	Locking Thermostat Cover	Room Thermostats	2
TAYSTAT250B	Outdoor Thermostat	Cooling & Heat Pump Models	1
AY28X079	Evap. Defrost Control Kit	All Cooling Models	1
BAY24X045	ID Fan Delay Relay Kit	All Cooling Models	1
TAYASCT501A ³	5 Minute Delay Relay	All Cooling Models	1
BAYKSKT260	Start Kit	2.5 - 4 Ton Models	1
BAYECMT001	Extreme Condition Mounting Kit	All Cooling Models	2
BAYSEAC001	Seacoast Kit	All Cooling Models	1

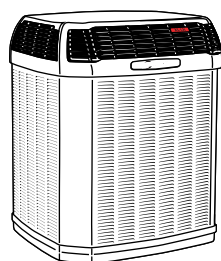
¹ Requires Subbase

² Specifically designed for electric heat applications (instant on fan)

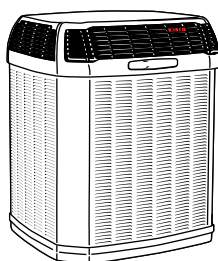
³ Not for use with programmable thermostats.

4TTX / 4TTR

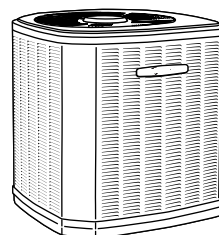
R410A 1.5 - 5 T.R.



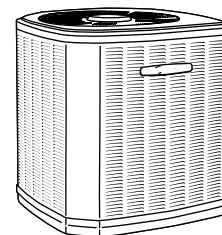
XL13i



XL14i



XR 12



XR 12

XL 13i Split System Cooling — Single Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Required FCCV Size	Uncrated Dimensions (in)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
4TTX3018A1000A	200-230/1/60	18	.049	40	33	30	230	74/76	10	15	1/2	1/4
4TTX3024A1000A	200-230/1/60	24	.053	40	33	30	233	76/76	12	20	5/8	5/16
4TTX3030A1000A	208-230/1/60	30	.059	40	33	30	232	72/74	20	30	3/4	5/16
4TTX3036A1000A	208-230/1/60	36	.065	40	33	30	245	72/74	20	35	3/4	3/8
4TTX3042A1000A	208-230/1/60	42	.071	44	33	30	257	76/76	25	40	3/4	3/8
4TTX3048A1000A	208-230/1/60	48	.077	48	33	30	275	74/76	31	50	7/8	3/8
4TTX3060A1000A	208-230/1/60	60	.083	42	37	34	307	76/78	36	60	7/8	3/8

XL 14i Split System Cooling — Single Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Required FCCV Size	Uncrated Dimensions (in)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
4TTX4018A1000A	200-230/1/60	18	.047	40	33	30	236	76/76	10	15	1/2	1/4
4TTX4024A1000A	200-230/1/60	24	.053	40	33	30	239	78/78	13	20	5/8	5/16
4TTX4030A1000A	208-230/1/60	30	.059	40	33	30	242	76/74	20	30	3/4	5/16
4TTX4036A1000A	208-230/1/60	36	.065	44	33	30	255	74/72	21	35	3/4	3/8
4TTX4042A1000A	208-230/1/60	42	.071	46	37	34	297	78/76	25	40	3/4	3/8
4TTX4048A1000A	208-230/1/60	48	.075	50	37	34	310	78/75	27	45	7/8	3/8
4TTX4060A1000A	208-230/1/60	60	.086	50	37	34	360	78/78	39	60	7/8	3/8

XR 12 Split System Cooling — Single Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Required FCCV Size	Uncrated Dimensions (in)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2TTR2018A1000A	200-230/1/60	18	.051	26	29	26	171		10	15	5/8	1 1/4
2TTR2024A1000A	200-230/1/60	24	.057	29	29	26	187		11	15	3/4	5/16
2TTR2030A1000A	208-230/1/60	30	.065	29	29	26	180		15	25	3/4	5/16
2TTR2036A1000A	208-230/1/60	36	.071	33	29	26	195		19	30	7/8	3/8
2TTR2042A1000A	208-230/1/60	42	.077	33	33	30	228		24	40	7/8	3/8
2TTR2048A1000A	208-230/1/60	48	.086	37	33	30	247		26	45	1 1/8	3/8
2TTR2060A1000A	208-230/1/60	60	.095	37	33	30	270		38	60	1 1/8	3/8

XR 12 Split System Cooling — Single Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Required FCCV Size	Uncrated Dimensions (in)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
4TTR2018A1000A	200-230/1/60	18	.049	33	33	30	215	77	10	15	1/2	1/4
4TTR2024A1000A	200-230/1/60	24	.053	33	33	30	219	78	13	20	5/8	5/16
4TTR2030A1000A	208-230/1/60	30	.059	33	33	30	218	74	20	30	3/4	5/16
4TTR2036A1000A	208-230/1/60	36	.065	33	33	30	231	77	21	35	3/4	3/8
4TTR2042A1000A	208-230/1/60	42	.071	37	33	30	243	78	25	40	3/4	3/8
4TTR2048A1000A	208-230/1/60	48	.077	41	33	30	260	79	31	50	7/8	3/8
4TTR2060A1000A	208-230/1/60	60	.083	33	37	34	283	81	36	60	7/8	3/8

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** Rated in accordance with ARI Standard 270, section 5.3.6.

RESIDENTIAL RANGE



Split System Cooling

Single Phase 1.5 - 5 T.R.

Features	XL13i (4TTX3)	XL 14i (4TTX4)	XR 12 (2TTR2)	XR 12 (4TTR2)
• SEER's up to	13.00	15.00	13.00	13.00
• 2-speed fan	✓	✓	—	—
• Climatuff® compressor	✓	✓	✓	✓
• Spine Fin™ coil	✓	✓	✓	✓
• Unique powder paint for superior appearance and weather protection	✓	✓	—	—
• Factory supplied charge of R-410A	✓	✓	—	✓
• Factory supplied charge of HCFC-22	—	—	✓	—
• WeatherGuard™ II top shields unit	✓	✓	—	—
• DuraTuff™ base, fast complete drain, weatherproof	✓	✓	✓	✓
• WeatherGuard™ fasteners	✓	✓	✓	✓
• XL seacoast shield	✓	✓	—	—
• Industry leading appearance with enhanced consumer ques	✓	✓	✓	✓
• New tarpaulin gray cabinet with anthracite gray top and base	✓	✓	✓	✓
• Sound ratings as low as 72 db	✓	✓	—	—
• Multi-stage fan for quiet operation	✓	✓	—	—
• Quick-Sess™ cabinet, service access & refrigerant connections with full coil protection	✓	✓	✓	✓
• Glossy corrosion resistant finish	✓	✓	✓	✓
• High/low pressure & temperature protection	✓	✓	✓	✓
• High pressure switch	✓	✓	—	✓
• All models have designed startability	✓	✓	✓	✓
• 018, 024, 060 ships with factory installed start kit	✓	✓	—	✓
• Liquid line filter-drier	✓	✓	✓	✓
• Comfort "R"™ mode	✓	✓	✓	✓
• Easy single side service	✓	✓	✓	✓
• Multi-use liquid and suction line service valves	✓	✓	✓	✓
• Easy top & fan removal	✓	✓	✓	✓
• Full length control and service valve cover	✓	✓	✓	✓
• SureFast™ seams louver panel removed	✓	✓	✓	✓
• Extended warranties available	✓	✓	✓	✓
• S.E.E.T. design testing	✓	✓	✓	✓
• Low ambient to 40° F with AY28X079, 30° F, with thermal expansion valve	✓	✓	✓	✓
Optional Accessories				
AY28X079	Evaporator defrost control kit	✓	✓	✓
BAY24X045	Indoor fan delay relay kit	✓	✓	✓
BAYECMT001	Extreme Condition Mounting Kit	✓	✓	✓
BAYKSKT260	Quick start kit (2¼ - 4 ton)	✓	✓	✓
BAYSEAC001	Seacoast Kit	—	✓	✓
Thermostats				
AY28X092	1-Stage Heat/1-Stage Cool (Horiz.)	✓	✓	✓
BAY28X182 ⁴	1-Stage Heating/Cooling	✓	✓	✓
BAY28X183 ⁴	2-Stage Heating/Cooling	✓	✓	✓
BAY28X185 ³	Subbase (Manual Changeover)	✓	✓	✓
BAY28X190	Locking Thermostat Cover	✓	✓	✓
BAYSTAT304	Cooling Only With Fan Switch	✓	✓	✓
BAYSTAT305	Heat/Cool (Vert.)	✓	✓	✓
TAYASCT501A ²	5 minute delay relay	✓	✓	✓
TAYSENS100A ¹	Outdoor Temp. Sensor	✓	✓	✓
TAYSTAT241	Manual 2 Stg Htg/1 Clg	✓	✓	✓
TAYSTAT250B	Outdoor Thermostat	✓	✓	✓
TAYSTAT300C	XT300C 7 Day Programmable	✓	✓	✓
TAYSTAT302C	XT302C 7 Day Programmable	✓	✓	✓
TAYSTAT340	Prog., 5/2 Day, Manual 1Htg (Elec./Gas)/1Clg	✓	✓	✓
TAYSTAT350	Prog., 5/2 Day, Manual, 2 Htg (Gas)/1Clg	✓	✓	✓
TAYSTAT370	Electronic, 1Htg (Gas)/1Clg(Non Prog.)	✓	✓	✓
TAYSTAT371 ³	Electronic, 1Htg (Elec.)/1Clg(Non Prog.)	✓	✓	✓
TAYSTAT380	Electronic, 2 Htg (Gas)/1 Clg (Non Prog.)	✓	✓	✓

¹ Used with TAYSTAT300C, TAYSTAT302C.

² Not for use with programmable thermostats.

³ Specifically designed for electric heat applications (instant on fan).

⁴ Requires Subbase.



TTA

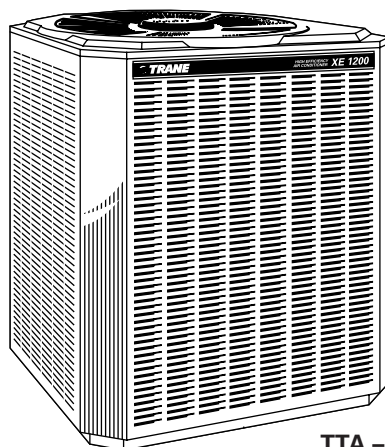


2.5 - 6.25 T.R.



TRANE®

Split System Cooling Three Phase



**TTA – 2½
THROUGH 6 TONS**

TTA Split System Cooling — Three Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Required FCCV Size	Uncrated Dimensions (in)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
TTA030C300A	200/230/3/60	30	.067	24	28	25	161	80	14	20	3/4	5/16
TTA036D300A	200/230/3/60	36	.071	24	28	25	164	80	18	25	7/8	3/8
TTA042D300B	200/230/3/60	42	.080	33	28	25	192	78	18	30	7/8	3/8
TTA048D300A	200/230/3/60	48	.083	29	33	29	213	78	19	30	1 1/8	3/8
TTA060D300A	200/230/3/60	60	.092	41	33	29	248	79	26	40	1 1/8	3/8
TTA072D300A	200/230/3/60	72	TXV	37	39	35	276	83	27	45	1 1/8	3/8
TTA030C400A	460/3/60	30	.067	24	28	25	161	80	7	15	3/4	5/16
TTA036D400A	460/3/60	36	.071	24	28	25	164	80	10	15	7/8	3/8
TTA042D400B	460/3/60	42	.080	33	28	25	192	78	10	15	7/8	3/8
TTA048D400A	460/3/60	48	.083	29	33	29	213	78	9	15	1 1/8	3/8
TTA060D400A	460/3/60	60	.092	41	33	29	248	79	14	20	1 1/8	3/8
TTA072D400A	460/3/60	72	TXV	37	39	35	276	83	14	20	1 1/8	3/8

RESIDENTIAL RANGE

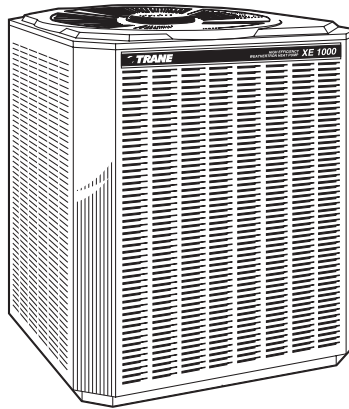


TWR / TWZ

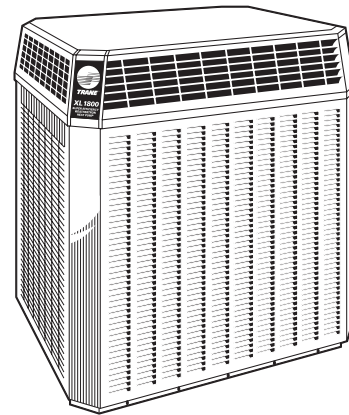


1 - 5 T.R.

Split System Heat Pumps Single Phase



XE 1000



XL 1800

XE 1000 Split System Heat Pump — Single Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Required FCCV Size	Uncrated Dimensions (in)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
TWR012C100A	200/230/1/60	12	.049	25	24	20	146	78	11	15	5/8	1/4
TWR018C100A	200/230/1/60	18	.049	25	24	20	146	78	11	15	5/8	1/4
TWR024C100A	200/230/1/60	24	.055	25	28	25	170	78	16	25	3/4	5/16
TWR030C100A	200/230/1/60	30	.069	33	28	25	187	80	18	30	3/4	5/16
TWR036D100A	208/230/1/60	36	.071	33	28	25	192	80	23	35	7/8	3/8
TWR042C100B	200/230/1/60	42	.080	37	33	29	252	80	28	45	7/8	3/8
TWR048D100A	208/230/1/60	48	.083	33	33	29	240	78	30	50	1 1/8	3/8
TWR060D100A	208/230/1/60	60	.095	37	39	35	301	78	39	60	1 1/8	3/8

XE 1000 Split System Heat Pump — Single Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Required FCCV Size	Uncrated Dimensions (in)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
TWZ036A100A	200/230/1/60	36	TXV	43	40	36	460	78	22	35	7/8	3/8
TWZ048A100A	200/230/1/60	48	TXV	43	40	36	470	83	25	40	1 1/8	3/8
TWZ060A100A	200/230/1/60	60	TXV	43	40	36	480	83	38	60	1 1/8	3/8

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

Split System Heat Pumps

Single Phase – 1½ through 5 Tons



Features	XL1800 (TWZ)	XE1000 (TWR)
• SEER's up to	17.65	10.90
• HSPF's up to	8.50	7.50
• 2-Speed fan	✓	—
• Compressor sound enclosure	✓	—
• Climatuff® compressor	✓	✓
• Spine Fin™ coil	✓	✓
• Demand defrost control	✓	✓
• Single side service	✓	✓
• Sculpted steel cabinet, full coil protection	✓	✓
• Unique powder paint for superior appearance and weather protection	✓	✓
• Liquid line filter drier	✓	✓
• Braze refrigerant connections	✓	✓
• Multi-use service valves	✓	✓
• Factory supplied charge of HCFC-22	✓	✓
• XL Seacoast Shield	✓	—

Optional Accessories

BAYKSKT250B	Quick start kit	—	1½, 3½ Ton
BAYKSKT252A	Quick start kit	—	3,4-5 Ton
BAY24X045	Indoor fan delay relay kit	—	✓
AY28X084	Evaporator defrost control	✓	✓
TAYASCT501A ¹	5 minute delay relay	✓	✓
BAYCCHT200A ²	Crank Case Heater Kit	—	3-4 Ton
BAYCCHT201A ²	Crank Case Heater Kit	—	5 Ton
BAYISLT100	Rubber isolators (4)	—	✓
BAYINS001	Insulation kit	✓	✓
BAYLEGS001A	Snow Legs	—	✓
BAYSEAC001	Seacoast Kit	—	✓

¹ Do not use with programmable thermostats.

Thermostats

TAYSENS100A ¹	Outdoor Temp. Sensor	✓	✓
TAYSTAT500C	XT 500C Prog., 7 Day, Man/Auto	✓	✓
TAYSTAT540	Prog., 5/2 Day, Manual	—	—
TAYSTAT570	Electronic, 2Htg/1Clg(Non Prog.)	—	✓
BAY28X138A	Automatic changeover	—	✓
BAY28X153A	3-2 H/P stat Electro Mech	✓	—
BAYSTAT038A	Programmable	✓	—
BAYSTAT239A	Manual changeover	—	✓
BAYSTAT240A	Manual changeover	—	✓
TAYSTAT250B	Outdoor thermostat	✓	✓
BAY28X190	Locking Thermostat cover	✓	✓
BAYSTAT253	Humidistat	✓	—
BAYSENS024A ³	Outdoor Temperature Sensor	✓	—
BAYSENS025A ³	Remote Temperature Sensor	✓	—

¹ Used with TAYSTAT500C.

² When field inner connecting lines exceed the standard 60 linear feet of length consult refrigerant piping software (Pub. No. 32-3312-01).

³ Used with BAYSTAT037A, 038A

RESIDENTIAL RANGE



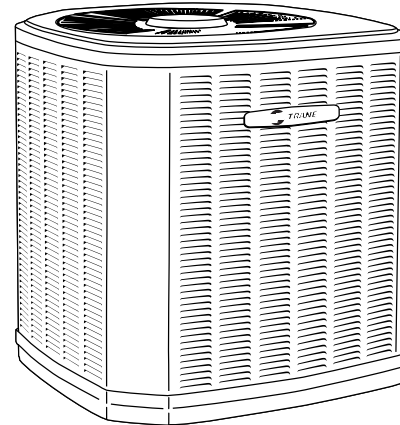
2TWR
R22 1.5 - 5 T.R.

Features :

- **Climatuff®** compressor
- Efficiency up to 13.0 SEER and 9.50 HSPF
- All aluminum **Spine Fin™** coil
- **DuraTuff™** base, fast complete drain, weatherproof
- **WeatherGuard™** fasteners
- New appearance with enhanced consumer cues
- New tarpaulin gray cabinet with anthracite gray base
- Low sound ratings
- **Quick-Sess™** cabinet, service access and refrigerant connections with full coil protection
- Demand Defrost Control with Diagnostics
- Corrosion resistant finish
- High/low pressure & temperature protection
- All models have designed startability
- 018,024 ship with start kit
- Liquid line filter-drier
- **Comfort™R™** mode approved
- Easy single side service
- Multi-use liquid and suction line service valves
- Easy top & fan removal
- Full length control and service valve cover
- **SureFast™** seams louver panel removal
- HCFC-22 refrigerant
- Compressor sump heat on 018, 024, 048, 060 models
- **Extended warranties available**
- S.E.E.T. design testing
- 100% line run test
- Low ambient cooling to 55° F as shipped
- Low ambient cooling to 30° F with EDC accessory AY28X079 and TXV
- Low ambient to 40° F with EDC accessory AY28X079, 30° F with TXV

XR 12 Weathertron® Split System Heat Pump

NEW!



Specifications: 1 Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Uncrated Dimensions (in)			Shipping Weight
			H	W	D	
2TWR2018A1000A	200/230/1/60	18	26	29	26	176
2TWR2024A1000A	200/230/1/60	24	29	29	26	191
2TWR2030A1000A	208/230/1/60	30	29	29	26	187
2TWR2036A1000A	208/230/1/60	36	33	33	30	233
2TWR2042A1000A	208/230/1/60	42	33	33	30	229
2TWR2048A1000A	208/230/1/60	48	37	33	30	256
2TWR2060A1000A	208/230/1/60	60	41	37	34	316

Accessories:

Model Number	Description	Used With	Shipping Weight
TAYSTAT500C	XT 500C Elec. Setback Thermostat	All Heat Pump Models	2
TAYSENS100A	Outdoor Temp. Sensor	TAYSTAT500C	1
TAYSTAT540	Prog., 5/2 Day, Manual	All Heat Pump Models	1
TAYSTAT570	Electronic, 2 Htg/1 Clg (Non Prog.)	All Heat Pump/Gas Models	1
BAY28X138A	Auto Changeover Thermostat	All Heat Pump Models	1
BAYSTAT239A	Manual Changeover Thermostat	All Heat Pump Models	1
BAY28X190	Locking Thermostat Cover	Room Thermostats	2
BAYSTAT253	Humidistat	All Heat Pump Models	1
TAYSTAT250B	Outdoor Thermostat	All Heat Pump Models	1
BAYLEGS002	Snow Legs - Base and Cap 4" High	All Heat Pump Models	1
BAYLEGS003	4" Extension	BAYLEGS002	1
AY28X084	Evap. Defrost Control Kit	All Heat Pump Models	1
BAY24X045	ID Fan Delay Relay Kit	All Heat Pump Models	1
TAYASCT501A ¹	5 Minute Delay Relay	All Heat Pump Models	1
BAYSKT260	Start Kit	2.5 - 4 Ton Models	1
BAYECMT001	Extreme Conditions Mounting Kit	All Heat Pump Models	2
BAYSEAC001	Seacoast Kit	All Heat Pump Models	1

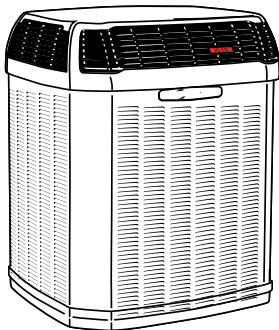
¹ Not for use with programmable thermostats.

 **4TWX / 4TWR**

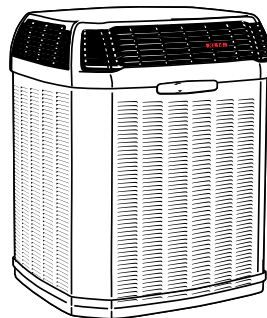
 **1.5 - 5 T.R.**



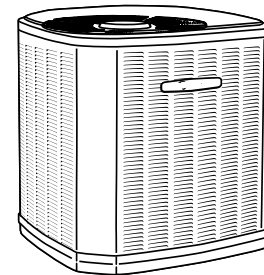
Split System Heat Pumps Single Phase



XL13i



XL14i



XR 12

XL 13i Split System Heat Pump — Single Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Required FCCV Size	Uncrated Dimensions (in)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
4TWX3018A1000A	200-230/1/60	18	.047	40	33	30	235	74/76	10	15	1/2	1/4
4TWX3024A1000A	200-230/1/60	24	.053	40	33	30	239	76/76	14	20	5/8	5/16
4TWX3030A1000A	208-230/1/60	30	.059	40	33	30	249	72/74	20	30	3/4	5/16
4TWX3036A1000A	208-230/1/60	36	.063	48	33	30	272	72/74	31	35	3/4	3/8
4TWX3042A1000A	208-230/1/60	42	.069	48	33	30	278	76/76	26	45	3/4	3/8
4TWX3048A1000A	208-230/1/60	48	.075	42	37	34	295	74/76	30	50	7/8	3/8
4TWX3060A1000A	208-230/1/60	60	.086	46	37	34	328	76/78	36	60	7/8	3/8

XL 14i Split System Heat Pump — Single Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Required FCCV Size	Uncrated Dimensions (in)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
4TWX4018A1000A	200-230/1/60	18	.047	40	33	30	224	76/76	10	15	1/2	1/4
4TWX4024A1000A	200-230/1/60	24	.053	48	33	30	239	78/78	13	20	5/8	5/16
4TWX4030A1000A	208-230/1/60	30	.059	48	33	30	242	76/74	20	30	3/4	5/16
4TWX4036A1000A	208-230/1/60	36	.065	46	37	34	259	74/72	21	35	3/4	3/8
4TWX4042A1000A	208-230/1/60	42	.071	50	37	34	274	78/76	25	40	3/4	3/8
4TWX4048A1000A	208-230/1/60	48	.077	50	37	34	280	78/75	30	50	7/8	3/8
4TWX4060A1000A	208-230/1/60	60	.083	50	37	34	318	78/78	36	60	7/8	3/8

XR 12 Split System Heat Pump — Single Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Required FCCV Size	Uncrated Dimensions (in)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
4TWR2018A1000A	200-230/1/60	18	.047	33	33	30	221	77	10	15	1/2	1/4
4TWR2024A1000A	200-230/1/60	24	.053	33	33	30	225	78	14	20	5/8	5/16
4TWR2030A1000A	208-230/1/60	30	.059	33	33	30	234	74	20	30	3/4	5/16
4TWR2036A1000A	208-230/1/60	36	.063	33	33	30	257	77	21	35	3/4	3/8
4TWR2042A1000A	208-230/1/60	42	.069	41	33	30	262	79	26	45	3/4	3/8
4TWR2048A1000A	208-230/1/60	48	.075	33	37	34	271	79	30	50	7/8	3/8
4TWR2060A1000A	208-230/1/60	60	.086	41	37	34	302	81	36	60	7/8	3/8

* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

** Rated in accordance with ARI Standard 270, section 5.3.6.

RESIDENTIAL RANGE



Split System Heat Pumps

Single Phase 1.5 - 5 T.R.

Features	XL13i (4TWS3)	XL 14i (4TWS4)	XR 12 (4TWS2)
• SEER's up to	13.00	15.00	13.00
• HSPF's up to	9.25	9.85	9.25
• Climatuff® compressor	✓	✓	✓
• All aluminum Spine Fin™ coil	✓	✓	✓
• WeatherGuard™ II top shields unit	✓	✓	—
• DuraTuff™ base, fast complete drain, weather proof	✓	✓	✓
• WeatherGuard™ fasteners	✓	✓	✓
• XL seacoast shield	✓	✓	—
• Industry leading appearance with enhanced consumer cues	✓	✓	✓
• New tarpaulin gray cabinet with anthracite gray top and base	✓	✓	✓
• Sound ratings as low as 72db, 78db on 5 ton	✓	✓	—
• Multi-stage fan for quiet operation	✓	✓	✓
• Quick-Sess™ cabinet, service access and refrigerant connections with full coil protection	✓	✓	✓
• Demand Defrost Control with Diagnostics	✓	✓	✓
• Glossy corrosion resistant finish	✓	✓	✓
• High/low pressure & temperature protection	✓	✓	✓
• High pressure switch	✓	✓	✓
• All models have designed startability	✓	✓	✓
• 018,024,060 ship with start kit	✓	✓	✓
• Liquid line filter-drier	✓	✓	✓
• Comfort™R™ mode approved	✓	✓	✓
• Easy single side service	✓	✓	✓
• Multi-use liquid and suction line service valves	✓	✓	✓
• Easy top & fan removal	✓	✓	✓
• Full length control and service valve cover	✓	✓	✓
• SureFast™ seams louver panel removal	✓	✓	✓
• Factory supplied charge of R-410A	✓	✓	✓
• Compressor sump heat	✓	✓	✓
• SEET Design testing	✓	✓	✓
• 100% line run test	✓	✓	✓
• Low ambient to 40°F with AY28X079, 30°F with TXV	✓	✓	✓

Optional Accessories

AY28X084	Evaporator defrost control	✓	✓	✓
BAY24X045	Indoor fan delay relay kit	—	—	✓
BAYKSKT260	Quick start kit (2-1/2 - 4 Ton)	✓	✓	✓
BAYLEGS002A	Snow Legs Base and Cap 4" High	✓	✓	✓
BAYLEGS003A	4" Extension	✓	✓	✓
BAYECMT001	Extreme Conditions Mounting Kit	✓	✓	✓
TAYASCT501A ¹	5 minute delay relay	✓	✓	✓
BAYSEAC001	Seacoast Kit	—	—	✓

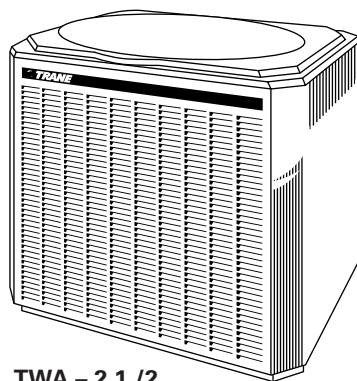
¹ Do not use with programmable thermostats.

Thermostats

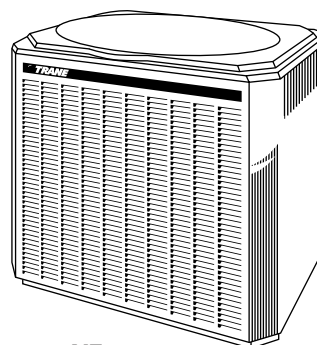
BAY28X138A	Automatic changeover	✓	✓	✓
BAY28X190	Locking Thermostat cover	✓	✓	✓
BAYSTAT239A	Manual changeover Thermostat	✓	✓	✓
BAYSTAT253	Humidistat	✓	✓	✓
TAYSENS100A ¹	Outdoor Temp. Sensor	✓	✓	✓
TAYSTAT250B	Outdoor Thermostat	✓	✓	✓
TAYSTAT500C	XT 500C Prog., 7 Day, Man/Auto Thermostat	✓	✓	✓
TAYSTAT540	Prog., 5/2 Day, Manual Thermostat	✓	✓	✓
TAYSTAT570	Electronic, 2Htg/1Clg(Non Prog.) Thermostat	✓	✓	✓

¹ Used with TAYSTAT500C.

Split System Heat Pumps Three Phase



**TWA - 2 1/2
THROUGH 6 TONS**



XE 1200

TWA Split System Heat Pump — Three Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Required FCCV Size	Uncrated Dimensions (in)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
TWA030C300A	200-230/3/60	30	.067	33	28	25	207	80	15	25	3/4	5/16
TWA036D300A	200-230/3/60	36	.071	33	28	25	193	80	15	25	7/8	3/8
TWA042C300A	200-230/3/60	42	.080	33	33	29	246	80	19	30	7/8	3/8
TWA048D300A	200-230/3/60	48	.083	33	33	29	235	78	19	30	1 1/8	3/8
TWA060D300A	200-230/3/60	60	.095	37	39	35	298	78	25	40	1 1/8	3/8
TWA072C300A	200-230/3/60	72	TXV	45	39	35	395	84	28	45	1 1/8	3/8
TWA030C400A	460/3/60	30	.067	33	28	25	207	80	7	15	3/4	5/16
TWA036D400A	460/3/60	36	.071	33	28	25	193	80	7	15	7/8	3/8
TWA042C400A	460/3/60	42	.080	33	33	29	246	80	9	15	7/8	3/8
TWA048D400A	460/3/60	48	.083	33	33	29	235	78	10	15	1 1/8	3/8
TWA060D400A	460/3/60	60	.095	37	39	35	298	78	12	20	1 1/8	3/8
TWA072C400A	460/3/60	72	TXV	45	39	35	395	84	14	20	1 1/8	3/8

¹ FCCV located in Indoor Section.

² Vibration Isolators not included.

XE 1200 Split System Heat Pump — Three Phase

Model Number	Power Supply	Nom. Cap. Cooling (MBH)	Required FCCV Size	Uncrated Dimensions (in)			Mfg. Plant	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D						OD Gas	OD Liq.
TWP030D300A	200/230/3/60	30	.067	33	33	29	TY	217	78	13	20	3/4	5/16
TWP036C300A	200/230/3/60	36	.077	37	39	35	TY	296	80	17	25	7/8	3/8
TWP042C300A	200/230/3/60	42	.080	37	39	35	TY	302	80	17	25	7/8	3/8
TWP048C300A	200/230/3/60	48	.086	37	39	35	TY	311	80	20	30	1 1/8	3/8
TWP060D300A	200/230/3/60	60	.095	37	39	35	TY	320	82	24	40	1 1/8	3/8
TWP030D400A	460/3/60	30	.067	33	33	29	TY	217	78	7	15	3/4	5/16
TWP036C400A	460/3/60	36	.077	37	39	35	TY	296	80	8	15	7/8	3/8
TWP042C400A	460/3/60	42	.080	37	39	35	TY	302	80	9	15	7/8	3/8
TWP048C400A	460/3/60	48	.086	37	39	35	TY	311	80	10	15	1 1/8	3/8
TWP060D400A	460/3/60	60	.095	37	39	35	TY	320	82	12	20	1 1/8	3/8