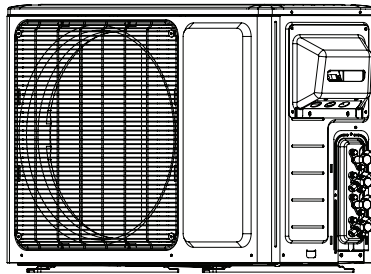


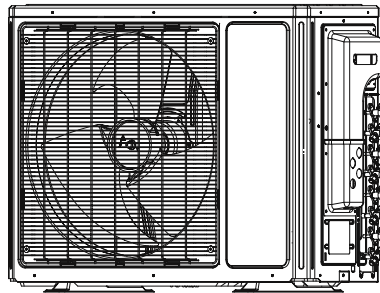


Product Data

Split System (R-410A) Multi-Zone, Inverter System 18,000 to 42,000 BTU/Hr



4TXM6518A1020



4TXM6524A1030, 4TXM6530A1040

4TXM6536A1040, 4TXM6542A1050

Multi-Zone
Heat Pump

Outdoor Unit

4TXM6518A1

4TXM6524A1

4TXM6530A1

4TXM6536A1

4TXM6542A1

It's Hard to Stop a Trane.

Split System (R-410A) – Multi-Zone, Inverter System 18,000 to 42,000 BTU/Hr

You can connect up to five indoor units to just one outdoor unit from Trane to provide exactly the degree of comfort you require. Because there are no ducts, indoor units can be installed in a room at the front of your home while connected to an outdoor unit located inconspicuously at the rear or side.

Space-saving low profile indoor units can be wall, floor or ceiling mounted, providing great flexibility in interior design or space utilization and a customized comfort solution.

Multi-zone systems allow the most flexibility when customizing a comfort system for your home and can provide the benefits of a zoning system without the costly additions of zoning hardware. Up to five indoor units with separate temperature zones can be connected to one outdoor unit, improving comfort and saving energy. Multi-zone heat pumps are an affordable and energy efficient way to control the climate of individual rooms. No energy loss due to air leakage in ductwork from heating or cooling the entire duct system before the air reaches desired rooms. No expensive ductwork required. The multi-zone system adjusts to your needs, providing constant comfort and energy savings.

Introducing the new TRANE Split System Family

Energy Efficiency

Quickly reach the desired temperature without sacrificing your electricity bills with our higher EER/COP levels.

Robust Grille

Prevent damage without impacting airflow with our strong, hot-dip galvanized steel grille.

Intelligent Defrost

Auto defrosting is implemented if necessary. It improves the system's heating efficiency and helps you save power. (Standard on all heat pump models.)

Blue Fin

Increase durability and ensure continued efficiency with our special anti-corrosion coil treatment. (Standard on all heat pump models.)

Twin Rotary

DC Compressor

Provides better balance and higher efficiency.

Compressor Protection

Compressor stops or delays operation when there is mode conflict.

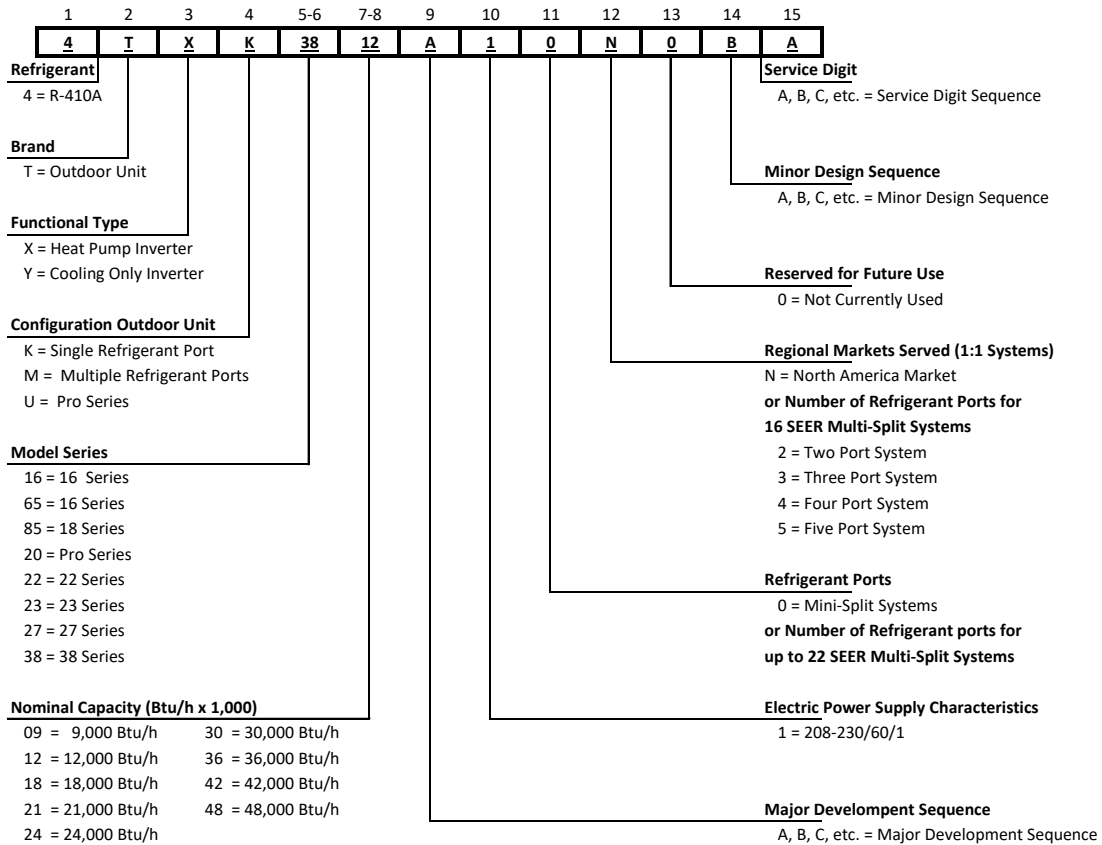


**4TXM6 Multi-Zone Outdoor Units
(2-5 Port matched with multiple
indoor units)**

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OUTDOOR UNIT MODEL NOMENCLATURE



Optional Equipment

See the Service First Mini-Split Accessory Catalog for the complete accessory list.

Optional outdoor unit accessories

Model Number	Description	4TXM65 Multi-Zone 16-22 SEER
TAYREFLN050	Lineset Kit 1/4x3/8 - 25'	✓
TAYREFLN055	Lineset Kit 1/4x3/8 - 35'	✓
TAYREFLN060	Lineset Kit 1/4x3/8 - 50'	✓
TAYREFLN560	Lineset Kit 1/4x1/2 - 25'	✓
TAYREFLN565	Lineset Kit 1/4x1/2 - 35'	✓
TAYREFLN570	Lineset Kit 1/4x1/2 - 50'	✓
TAYREFLN155	Lineset Kit 1/4x5/8 - 25'	✓
TAYREFLN160	Lineset Kit 1/4x5/8 - 35'	✓
TAYREFLN165	Lineset Kit 1/4x5/8 - 50'	✓

Ductless Multi-Zone Approved Combinations

Indoor Unit										
Outdoor Unit	One Units		Two Units							
4TXM6518A1020 18,000 BTUH	9		9+9							
	12		9+12							
Outdoor Unit	Two Units		Three Units							
4TXM6524A1030 24,000 BTUH	9+9	9+12	9+9+9	9+12+12	12+12+12					
	9+18	12+12	9+9+12	9+9+18						
	12+18	18+18								
Outdoor Unit	Two Units		Three Units			Four Units				
4TXM6530A1040 30,000 BTUH	9+9	9+12	9+9+9	9+9+12	9+9+18	9+9+9+9	9+9+9+12	9+9+12+12		
	9+18	12+12	9+12+12	9+12+18	12+12+12					
	12+18	18+18	12+12+18							
Outdoor Unit	Two Units		Three Units			Four Units				
4TXM6536A1040 36,000 BTUH	9+9	12+24	9+9+9	9+12+24	12+12+24	9+9+9+9	9+9+18+18			
	9+12	18+18	9+9+12	9+18+18	12+18+18	9+9+9+12	9+12+12+12			
	9+18	18+21	9+9+18	9+18+21	12+18+21	9+9+9+18	9+12+12+18			
	9+21	18+24	9+9+21	9+18+24	18+18+18	9+9+9+21	12+12+12+12			
	9+24	21+21	9+9+24	9+21+21		9+9+9+24				
	12+12	21+24	9+12+12	12+12+12		9+9+12+12				
	12+18	24+24	9+12+18	12+12+18		9+9+12+18				
	12+21		9+12+21	12+12+21		9+9+12+21				
Outdoor Unit	Two Units		Three Units			Four Units			Five Units	
4TXM6542A1050 42,000 BTUH	9+9	18+21	9+9+9	9+18+21	12+18+21	9+9+9+9	9+9+18+21	9+18+18+18	9+9+9+9+9	9+9+12+12+18
	9+12	18+24	9+9+12	9+18+24	12+18+24	9+9+9+12	9+9+18+24	12+12+12+12	9+9+9+9+12	9+9+12+12+21
	9+18	21+21	9+9+18	9+21+21	12+21+21	9+9+9+18	9+9+21+21	12+12+12+18	9+9+9+9+18	9+12+12+12+12
	9+21	21+24	9+9+21	9+21+24	12+21+24	9+9+9+21	9+12+12+12	12+12+12+21	9+9+9+9+21	9+12+12+12+18
	9+24	24+24	9+9+24	9+24+24	12+24+24	9+9+9+24	9+12+12+18	12+12+12+24	9+9+9+9+24	12+12+12+12+12
	12+12		9+12+12	12+12+12	18+18+18	9+9+12+12	9+12+12+21	12+12+18+18	9+9+9+12+12	
	12+18		9+12+18	12+12+18	18+18+21	9+9+12+18	9+12+12+24	12+12+18+21	9+9+9+12+18	
	12+21		9+12+21	12+12+21	18+18+24	9+9+12+21	9+12+18+18		9+9+9+12+21	
	12+24		9+12+24	12+12+24	18+21+21	9+9+12+24	9+12+18+21		9+9+9+18+18	
	18+18		9+18+18	12+18+18	21+21+21	9+9+18+18	9+12+21+21		9+9+12+12+12	

Ductless Multi-Zone Quick Reference

Multi-Zone Heat Pumps Outdoor				
18,000 BTUH	24,000 BTUH	30,000 BTUH	36,000 BTUH	42,000 BTUH
4TXM6518A1020	4TXM6524A1030	4TXM6530A1040	4TXM6536A1040	4TXM6542A1050

Multi-Zone Heat Pumps Indoor Options					
	9,000 BTUH	12,000 BTUH	18,000 BTUH	21,000 BTUH	24,000 BTUH
High Wall Mounted	4MXW8509A10N0	4MXW8512A10N0	4MXW8518A10N0	N/A	4MXW8524A10N0
Ceiling Concealed	4MXD8509A10N0	4MXD8512A10N0	4MXD8518A10N0	4MXD8521A10N0	4MXD8524A10N0
Cassette	N/A	4MXC8512A10N0	4MXC8518A10N0	N/A	4MXC8524A10N0
Console	4MXF8509A10N0	4MXF8512A10N0	4MXF8518A10N0	N/A	N/A
Floor/Ceiling	4MXX8509A10N0	4MXX8512A10N0	4MXX8518A10N0	N/A	4MXX8524A10N0

General Data

MODEL – Heat Pump Only	4TXM6518A1020	4TXM6524A1030
RATED Volts/PH Frequency (Hz)	208 / 230 / 1 60Hz	208 / 230 / 1 60Hz
Outdoor Unit	4TXM6518A1020	4TXM6524A1030
Rated Cooling Capacity	18000	26000
Cooling Capacity Range (Btu/h)	7000 - 21000	7500 - 33000
Rated Heating Capacity	19000	29000
Heating Capacity Range @ 47 F (Btu/h)	8530 - 22600	7500 - 35000
Max. Heating Capacity @ 17 F (Btu/h)	9600	15000
Max Heating Capacity @ 5 F (Btu/h)	8600	12100
SEER / HSPF	16.0 / 8.2	16.0 / 8.2
EER	10.20	8.20
Compressor Type	Inverter Rotary	Inverter Rotary
L.R.A. (A)	27	45
Compressor RLA(A)	9.56	14.69
Compressor Power Input(W)	1245	2200
Throttling Method	EEV	EEV
Working Temp Range (oF)	0 ~ 110 5 ~ 75	0 ~ 110 5 ~ 75
Condenser	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube
Pipe Diameter (inch)	5/16	3/8
Row Fin Gap (inch)	2 - 0.055	2 - 0.055
Coil length (l) x height (H) x coil width (L) (inch)	30.6 x 21.7 x 1.5	35.0 x 25.9 x 1.7
Fan Motor Speed (rpm)	830 / 670 / 500	690 / 600 / 500
Output of Fan Motor (W)	60	60
Fan Motor RLA (A)	0.54	0.59
Fuse (A)	20	30
Air Flow Volume of Outdoor Unit (CFM)	1533	1980
Fan Diameter (inch)	17.5	20.5
Defrosting Method	Automatic Defrosting	Automatic Defrosting
Sound Power Level dB (A)	66	69
Sound PRESSURE Level dB (A)(SH/H/M/L) ①	56	59
Uncrated Dimension (W/L/H) (inch)	35.4 x 14.9 x 23.5	37.6 x 15.6 x 27.6
Crated Dimension of Package (W/L/H) (inch)	37.3 x 16.5 x 25.4	40.5 x 18.0 x 29.5
Net Weight /Gross Weight (lbs)	94.8 / 105.8	134.5 / 145.5
Refrigerant Charge (oz)	47.62	77.6
MCA	15.0	20.0
M.O.P	20.0	30.0

Connection Pipe

Outer Diameter Liquid Pipe (inch)	1/4	1/4
Outer Diameter Gas Pipe (inch)	3/8	3/8
Outer Diameter Liquid Pipe (inch)	1/4	1/4
Outer Diameter Gas Pipe (inch)	3/8	3/8
Outer Diameter Liquid Pipe (inch)	/	1/4
Outer Diameter Gas Pipe (inch)	/	3/8
Outer Diameter Liquid Pipe (inch)	/	/
Outer Diameter Gas Pipe (inch)	/	/
Outer Diameter Liquid Pipe (inch)	/	/
Outer Diameter Gas Pipe (inch)	/	/
Max Height Distance (ft)	16	33
Max Length Distance (ft) - Single Unit Each	33	66
Max Length Distance (ft) - Multiple Units Total	66	230

① Sound PRESSURE Level @ 3.3 ft. dB(A)

NOTES:

- The refrigerant charge mentioned in the technical data does not include additional charge required for the indoor unit and the refrigerant pipe.
- The amount of the additional refrigerant charge depends on the length of the liquid refrigerant pipe installed.
- Record the additional refrigerant charge for future maintenance.

Calculation of the Additional Refrigerant Charge:

	4TXM6518	4TXM6524	4TXM6530	4TXM6536	4TXM6542
Maximum total length	66	230	230	230	230
Maximum length to single IDU	33	65	65	65	80
Minimum distance to single IDU	10	10	10	10	10
Maximum ODU/IDU height difference	16	33	33	50	50
Maximum IDU/IDU height difference	16	25	25	25	25
Maximum w/o adding charge	66	100	130	130	165
Minimum w/o removing charge	33	50	65	80	100
Amount of R410-A +/- (oz/ft)	0.2	0.2	0.2	0.2	0.2

General Data

MODEL – Heat Pump Only	4TXM6530A1040	4TXM6536A1040	4TXM6542A1050
RATED Volts/PH Frequency (Hz)	208 / 230 / 1 60Hz	208 / 230 / 1 60Hz	208 / 230 / 1 60Hz
Outdoor Unit	4TXM6530A1040	4TXM6536A1040	4TXM6542A1050
Rated Cooling Capacity	29000	34400	40000
Cooling Capacity Range (Btu/h)	7500 - 34000	8530 - 34120	8530 - 46403
Rated Heating Capacity	30400	37200	44500
Heating Capacity Range @ 47 F (Btu/h)	7500 - 36000	10660 - 40900	10660 - 47760
Max. Heating Capacity @ 17 F (Btu/h)	16500	22000	24800
Max Heating Capacity @ 5 F (Btu/h)	13300	14400	17600
SEER / HSPF	16.0 / 8.2	16.0 / 8.2	16.0 / 8.0
EER	7.30	7.95	9.30
Compressor Type	Inverter Rotary	Inverter Rotary	Inverter Rotary
L.R.A. (A)	45	45	60
Compressor RLA(A)	19.62	19.62	19.07
Compressor Power Input(W)	2200	2200	3010
Throttling Method	EEV	EEV	EEV
Working Temp Range (oF)	0 ~ 110 5 ~ 75	0 ~ 110 5 ~ 75	0 ~ 110 5 ~ 75
Condenser	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube
Pipe Diameter (inch)	3/8	5/8	5/16
Row Fin Gap (inch)	2 - 0.055	2 - 0.055	2 - 0.055
Coil length (l) x height (H) x coil width (L) (inch)	35.0 x 25.9 x 1.7	35.7 x 29.4 x 1.5	40.2 x 41.6 x 1.5
Fan Motor Speed (rpm)	690 / 600 / 500	820 / 640 / 560	860 / 650 / 550
Output of Fan Motor (W)	60	120	140
Fan Motor RLA (A)	0.59	0.67	1.1
Fuse (A)	45	45	40
Air Flow Volume of Outdoor Unit (CFM)	1980	2177	3244
Fan Diameter (inch)	20.5	21.7	22.4
Defrosting Method	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
Sound Power Level dB (A)	69	69	68
Sound PRESSURE Level dB (A)(SH/H/M/L) ①	59	59	58
Uncrated Dimension (W/L/H) (inch)	37.6 x 15.6 x 27.6	39.1 x 16.8 x 31.1	42.8 x 17.3 x 43.4
Crated Dimension of Package (W/L/H) (inch)	40.5 x 18.0 x 29.5	42.6 x 19.2 x 33.7	45.5 x 18.9 x 43.9
Net Weight /Gross Weight (lbs)	136.7 / 147.7	152.6 / 164.9	224.4 / 246.4
Refrigerant Charge (oz)	77.6	102.3	169.3
MCA	26.0	28.0	26.0
M.O.P	45.0	45.0	40.0

Connection Pipe

Outer Diameter Liquid Pipe (inch)	1/4	1/4	1/4
Outer Diameter Gas Pipe (inch)	3/8	3/8	3/8
Outer Diameter Liquid Pipe (inch)	1/4	1/4	1/4
Outer Diameter Gas Pipe (inch)	3/8	3/8	3/8
Outer Diameter Liquid Pipe (inch)	1/4	1/4	1/4
Outer Diameter Gas Pipe (inch)	3/8	1/2	1/2
Outer Diameter Liquid Pipe (inch)	1/4	3/8	1/4
Outer Diameter Gas Pipe (inch)	3/8	5/8	1/2
Outer Diameter Liquid Pipe (inch)	/	/	3/8
Outer Diameter Gas Pipe (inch)	/	/	5/8
Max Height Distance (ft)	33	33	33
Max Length Distance (ft) - Single Unit Each	66	66	82
Max Length Distance (ft) - Multiple Units Total	230	230	230

① Sound PRESSURE Level @ 3.3 ft. dB(A)

NOTES:

- The refrigerant charge mentioned in the technical data does not include additional charge required for the indoor unit and the refrigerant pipe.
- The amount of the additional refrigerant charge depends on the length of the liquid refrigerant pipe installed.
- Record the additional refrigerant charge for future maintenance.

Calculation of the Additional Refrigerant Charge:

	4TXM6518	4TXM6524	4TXM6530	4TXM6536	4TXM6542
Maximum total length	66	230	230	230	230
Maximum length to single IDU	33	65	65	65	80
Minimum distance to single IDU	10	10	10	10	10
Maximum ODU/IDU height difference	16	33	33	50	50
Maximum IDU/IDU height difference	16	25	25	25	25
Maximum w/o adding charge	66	100	130	130	165
Minimum w/o removing charge	33	50	65	80	100
Amount of R410-A +/- (oz/ft)	0.2	0.2	0.2	0.2	0.2

Mechanical Specifications

Multi-Zone Outdoor Unit

General

This unit is pre-charged from the factory. This unit is designed to operate at outdoor ambient temperatures as high as 110°F. Cooling capacities with the mini-split air handler shown in the catalog are AHRI certified. The unit is ETL listed for outdoor application.

Refrigerant Controls

Refrigeration system controls include condenser fan and compressor relay. High and low pressure controls are inherent to the compressor. A suction line multi function service valve is standard

Condenser Coil

The coil shall consist of aluminum finned coils brazed to copper tubing. The coil provides air flow resistance and efficient heat transfer. The coil is protected by the casing.

Unit Casing

The unit casing is constructed of heavy gauge, galvanized steel and painted with a weather-resistant powder paint.

Compressor

The compressor features internal over temperature and pressure protection; total dipped hermetic motor windings. Other features include: centrifugal oil pump and low vibration and noise.

Low Ambient Cooling

Matched Trane ductless products, have a cooling capability to 0° F.



Trane - by Trane Technologies (NYSE: TT), a global climate innovator - creates comfortable, energy efficient indoor environments for commercial and residential applications. For more information, please visit trane.com or tranetechnologies.com.



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