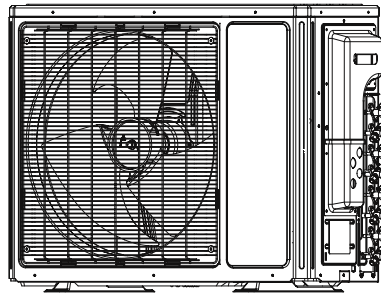


**TRANE**[®]

Product Data

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



Multi-Zone
Heat Pump

Outdoor Unit
4TXM2218A12N
4TXM2221A13N
4TXM2224A14N
4TXM2230A15N
4TXM2236A15N
4TXM2242A15N

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.

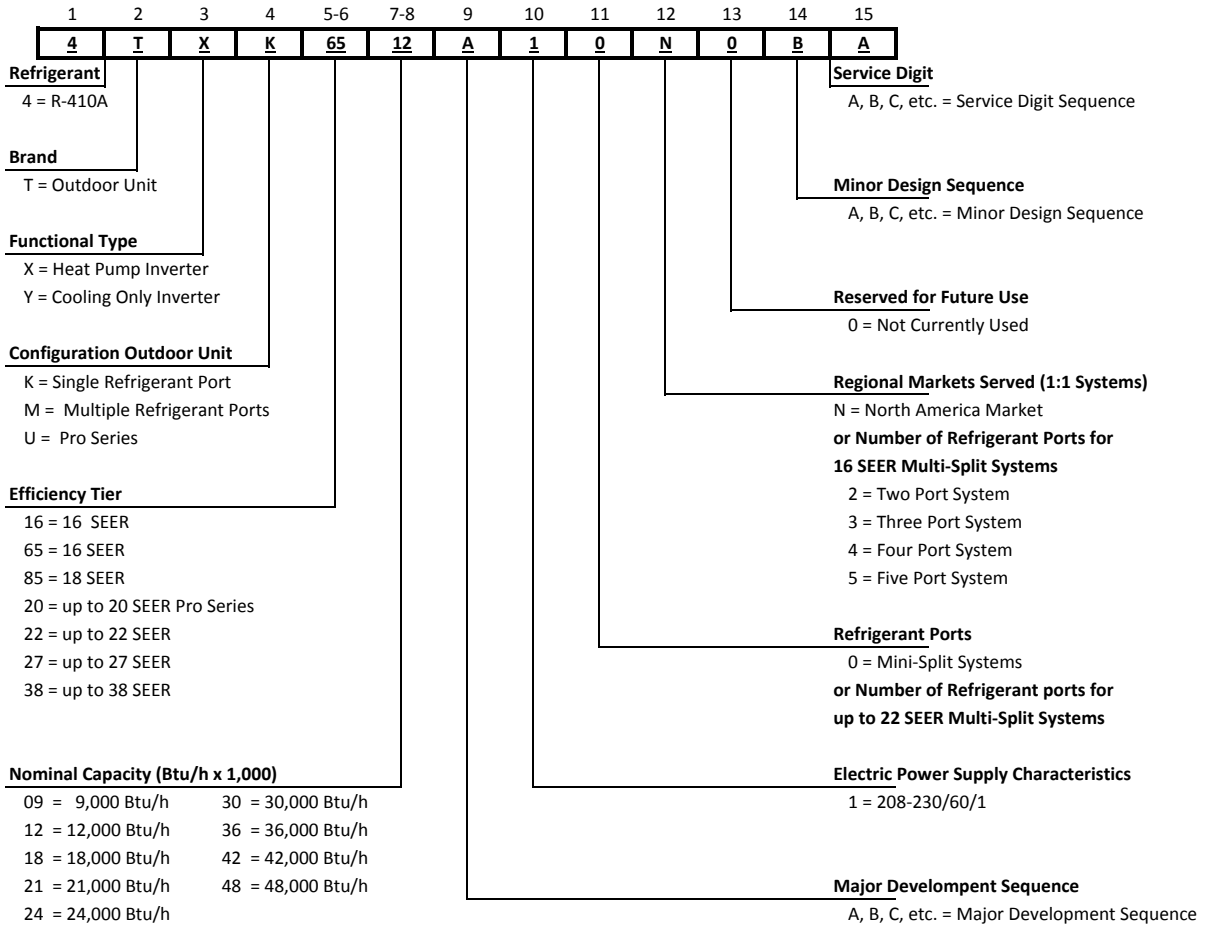


4TXM22 Multi-Zone Outdoor Units (2-5 Port matched with multiple indoor units)

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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	4TXM22 Multi-Zone up to 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

Combinations for Outdoor and Indoor Units

MODEL	4TXM2218	4TXM2221	4TXM2224	4TXM2230	4TXM2236	4TXM2242
Min. number of connectable indoor units	1	2	2	2	2	2
Max. number of connectable indoor units	2	3	4	5	5	5

The multi-split systems can operate with a combination ratio of up to 150%. This means that the total combined nominal cooling capacity of the connected indoor units can be up to 1.5 times the nominal cooling capacity of the outdoor unit.

Note: When the total capacity of the indoor units exceeds the total capacity of the outdoor unit, the system will be restricted by the capacity of the outdoor unit. All indoor units would not be able to operate at full capacity at the same time. If the indoor units' combined capacity is less than 100% of the outdoor unit's capacity, the system capacity is limited to the indoor unit(s) combined capacity.

Charging Instructions

Unit: Feet

	4TXM2218	4TXM2221	4TXM2224	4TXM2230	4TXM2236	4TXM2242
Maximum total length	66	197	230	246	246	246
Maximum length to single IDU	33	66	82	82	82	82
Minimum distance to single IDU	10	10	10	10	10	10
Maximum ODU/IDU height difference	33	33	49	49	49	49
Maximum IDU/IDU height difference	33	33	25	25	25	25
Maximum without adding charge	33	98	131	131	131	131
Minimum without removing charge	33	49	66	82	98	98
Amount of R410-A +/- (oz/ft)	0.2	0.2	0.2	0.2	0.2	0.2

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.

22 SEER Ductless Multi-Zone Approved Combinations

Outdoor Unit	# of Ports	One Indoor Unit			Two Indoor Units					
4TXM2218A12N0 18,000 BTUH	2	9	12		9+9	9+12	12+12			
Outdoor Unit		Two Indoor Units			Three Indoor Units					
4TXM2221A13N0 21,000 BTUH	3	9+9	9+18	12+12	9+9+9					
		9+12	9+21	12+18	9+9+12					
Outdoor Unit		Two Indoor Units			Three Indoor Units			Four Indoor Units		
4TXM2224A14N0 24,000 BTUH	4	9+9	9+24	12+24	9+9+9	9+12+18		9+9+9+9		
		9+12	12+12	18+18	9+9+12			9+9+9+12		
		9+18	12+18		9+9+18					
		9+21	12+21		9+12+12					
Outdoor Unit		Two Indoor Units			Three Indoor Units			Four Indoor Units		Five Indoor Units
4TXM2230A15N0 30,000 BTUH	5	9+9	12+12	18+21	9+9+9	9+12+12	12+12+18	9+9+9+9	9+9+12+18	9+9+9+9+9
		9+12	12+18	18+24	9+9+12	9+12+18	12+12+21	9+9+9+12	9+12+12+12	9+9+9+9+12
		9+18	12+21	21+21	9+9+18	9+12+21	12+12+24	9+9+9+18	12+12+12+12	
		9+21	12+24	21+24	9+9+21	9+12+24	18+18+9	9+9+9+21		
		9+24	18+18	24+24	9+9+24	12+12+12	12+18+18	9+9+12+12		
Outdoor Unit		Two Indoor Units			Three Indoor Units			Four Indoor Units		Five Indoor Units
4TXM2236A15N0 36,000 BTUH	5	9+9	12+18	21+21	9+9+9	9+12+18	12+12+24	9+9+9+9	9+9+12+18	9+9+9+9+9
		9+12	12+21	21+24	9+9+12	9+12+21	12+18+18	9+9+9+12	9+9+12+21	9+9+9+9+12
		9+18	12+24	24+24	9+9+18	9+12+24	12+18+21	9+9+9+18	9+9+12+24	9+9+9+9+18
		9+21	18+18		9+9+21	12+12+12	12+18+24	9+9+9+21	9+9+18+18	9+9+12+12+12
		9+24	18+21		9+9+24	12+12+18	18+18+18	9+9+9+24	9+12+12+12	
		12+12	18+24		9+12+12	12+12+21		9+9+12+12	9+12+12+18	
Outdoor Unit		Two Indoor Units			Three Indoor Units			Four Indoor Units		Five Indoor Units
4TXM2242A15N0 42,000 BTUH	5	9+12	24+24		9+9+9	12+18+18		9+9+9+9	9+12+12+12	9+9+9+9+9
		9+18			9+9+12	12+18+21		9+9+9+12	9+12+12+18	9+9+9+9+12
		9+21			9+9+18	12+18+24		9+9+9+18	9+12+12+21	9+9+9+9+18
		9+24			9+9+21	18+18+18		9+9+9+21	9+12+12+24	9+9+9+9+21
		12+12			9+9+24	18+18+21		9+9+9+24	9+12+18+18	9+9+9+9+24
		12+18			9+12+12	18+18+24		9+9+12+12	9+12+18+21	9+9+9+12+12
		12+21			9+12+18	18+21+21		9+9+12+18	9+12+18+24	9+9+9+12+18
		12+24			9+12+21			9+9+12+21	12+12+12+12	9+9+9+12+21
		18+18			9+12+24			9+9+12+24	12+12+12+18	9+9+12+12+12
		18+21			12+12+12			9+9+18+18	12+12+12+21	9+9+12+12+18
		18+24			12+12+18			9+9+18+21	12+12+12+24	9+12+12+12+12
		21+21			12+12+21			9+9+18+24	12+12+18+18	12+12+12+12+12
		21+24			12+12+24			9+9+21+21		

Ductless Multi-Zone Quick Reference

Multi-Zone Heat Pumps Indoor Options					
	9,000 BTUH	12,000 BTUH	18,000 BTUH	21,000 BTUH	24,000 BTUH
High Wall Mounted	4MXW2709A10N0	4MXW2712A10N0	4MXW2718A10N0	N/A	4MXW2724A10N0
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	4TXM2218A12N0	4TXM2221A13N0	4TXM2224A14N0
RATED Volts/PH Frequency (Hz)	208 / 230 / 1 60Hz	208 / 230 / 1 60Hz	208 / 230 / 1 60Hz
Outdoor Unit	4TXM2218A12N0	4TXM2221A13N0	4TXM2224A14N0
Rated Cooling Capacity @ 95°F (Btu/h)	18000	21000	27000
Cooling Capacity Range @ 95°F (Btu/h)	7000 - 21000	7500 - 28000	10200 - 30600
Rated Heating Capacity @ 47°F (Btu/h)	19000	28000	31000
Heating Capacity Range @ 47°F (Btu/h)	8500 - 22600	7500 - 35000	5900 - 32000
Rated Heating Capacity @ 17°F (Btu/h)	12800	16800	18000
SEER / HSPF	22.0 / 10.0	20.5 / 10.2	21.0 / 10.5
EER/COP	12.5 / 3.47	12.5 / 3.67	12.5 / 3.72
Compressor Type	Variable Speed Rotary	Variable Speed Rotary	Variable Speed Rotary
Equipment RLA (A)	10.8	15.8	13.9
Compressor Power Input(W)	1440	2550	4150
Compressor Refrigerant Oil	RB68EP	RB68EP	FV50S
Throttling Method	EEV	EEV	EEV
Working Temp Range (°F) (Cooling/Heating)	0 ~ 118 -4 ~ 75	0 ~ 118 -4 ~ 75	0 ~ 118 -4 ~ 86
Condenser	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube
Pipe Diameter (inch)	0.28	0.28	0.31
Row Fin Gap (inch)	2 - 0.055	2 - 0.055	2 - 0.055
Coil length (L) x height (H) x coil width (W) (inch)	33.5 x 26.0 x 1.5	38.7 x 29.4 x 1.5	27.4 x 29.4 x 12.2
Fan Motor Speed (rpm)	630	800	850
Output of Fan Motor (W)	60	90	100
Fan Motor FLA (A)	0.62	0.59	0.68
Fuse Current (A)	3.15	3.15	3.15
Air Flow Volume of Outdoor Unit (CFM)	1880	2350	2330
Fan Diameter (inch)	20.5	21.6	21.6
Defrosting Method	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
Sound Power Level dB (A)	63	69	69
Sound PRESSURE Level dB (A)(SH/H/M/L) ①	55	59	59
Uncrated Dimension (W/D/H) (inch)	37.6 x 15.6 x 27.6	38.6 x 16.8 x 31.1	38.6 x 17.3 x 31.1
Crated Dimension of Package (W/D/H) (inch)	40.5 x 18.0 x 29.5	42.6 x 19.2 x 33.7	42.6 x 19.2 x 33.7
Net Weight /Gross Weight (lbs)	114.7 / 124.6	153.2 / 164.3	154.3 / 167.6
Refrigerant Charge (oz)	56.4	77.6	98.8
MCA	16.0	23.0	20.0
MOP	25.0	30.0	30.0

Connection Pipe

Outer Diameter Liquid Pipes (inch)	1/4	1/4	1/4
Outer Diameter Gas Pipes (inch)	3/8	3/8	3/8
Max Height Distance (ft)	33	33	50
Max Length Distance (ft) - Single Unit Each	33	66	82
Max Length Distance (ft) - Multiple Units Total	66	200	230
Minimum Number of Indoor Units	1	2	2
Maximum Number of Indoor Units	2	3	4

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. (See chart on page 5)
- Record the additional refrigerant charge for future maintenance.

General Data

MODEL - Heat Pump	4TXM2230A15N0	4TXM2236A15N0	4TXM2242A15N0
RATED Volts/PH Frequency (Hz)	208 / 230 / 1 60Hz	208 / 230 / 1 60Hz	208 / 230 / 1 60Hz
Outdoor Unit	4TXM2230A15N0	4TXM2236A15N0	4TXM2242A15N0
Rated Cooling Capacity @ 95°F (Btu/h)	32000	35000	40000
Cooling Capacity Range @ 95°F (Btu/h)	9200 - 34000	8800 - 37400	8800 - 41000
Rated Heating Capacity @ 47°F (Btu/h)	42000	43000	45000
Heating Capacity Range @ 47°F (Btu/h)	7800 - 42000	8800 - 45000	8800 - 46000
Rated Heating Capacity @ 17°F (Btu/h)	27000	25000	28000
SEER / HSPF	21.0 / 10.5	21.0 / 10.5	21.0 / 10.2
EER/COP	12.5 / 3.36	12.5 / 3.61	10.5 / 3.61
Compressor Type	Variable Speed Rotary	Variable Speed Rotary	Variable Speed Rotary
Equipment RLA (A)	15.6	17.8	17.8
Compressor Power Input(W)	4150	4150	4150
Compressor Refrigerant Oil	FV50S	FV50S	FV50S
Throttling Method	EEV	EEV	EEV
Working Temp Range (°F) (Cooling/Heating)	0 ~ 118 -4 ~ 86	0 ~ 118 -4 ~ 86	0 ~ 118 -4 ~ 86
Condenser	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube
Pipe Diameter (inch)	0.31	0.31	0.31
Row Fin Gap (inch)	2 - 0.055	2 - 0.055	2 - 0.055
Coil length (L) x height (H) x coil width (W) (inch)	41.6 x 30.6 x 11.3	41.6 x 30.6 x 11.3	41.6 x 30.6 x 11.3
Fan Motor Speed (rpm)	880	880	880
Output of Fan Motor (W)	170	170	170
Fan Motor FLA (A)	0.82	0.82	0.82
Fuse Current (A)	3.15	3.15	3.15
Air Flow Volume of Outdoor Unit (CFM)	4530	4530	4530
Fan Diameter (inch)	22.4	22.4	22.4
Defrosting Method	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
Sound Power Level dB (A)	71	71	71
Sound PRESSURE Level dB (A)(SH/H/M/L) ①	61	61	61
Uncrated Dimension (W/D/H) (inch)	42.8 x 17.3 x 43.4	42.8 x 17.3 x 43.4	42.8 x 17.3 x 43.4
Crated Dimension of Package (W/D/H) (inch)	45.6 x 19.4 x 48.6	45.6 x 19.4 x 48.6	45.6 x 19.4 x 48.6
Net Weight /Gross Weight (lbs)	198.5 / 216.1	198.5 / 216.1	198.5 / 216.1
Refrigerant Charge (oz)	128.8	128.8	128.8
MCA	23.0	26.0	26.0
MOP	35.0	35.0	35.0
Connection Pipe			
Outer Diameter Liquid Pipes (inch)	1/4	1/4	1/4
Outer Diameter Gas Pipes (inch)	3/8	3/8	3/8
Max Height Distance (ft)	50	50	50
Max Length Distance (ft) - Single Unit Each	82	82	82
Max Length Distance (ft) - Multiple Units Total	246	246	246
Minimum Number of Indoor Units	2	2	2
Maximum Number of Indoor Units	5	5	5

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. (See chart on page 5)
- Record the additional refrigerant charge for future maintenance.

Performance Data

Cooling 4TXM2218A12N0

Outdoor Temperature		Indoor Temperature				DB	WB
		70F(21C)	75F(24C)	80F(27C)	90F(32C)		
DB (F)	DB (C)	59F(15C)	63F(17C)	67F(19C)	73F(23C)		
0	-18	8400	9500	10600	12000		
5	-15	9300	10500	11700	13500		
10	-12	9800	10900	12100	14000		
15	-9	10400	11400	12600	14500		
20	-7	10800	11800	12900	14900		
25	-4	11100	12100	13300	15200		
30	-1	11400	12400	13600	15500		
35	2	11700	12700	13900	15800		
40	4	12000	13000	14200	16200		
45	7	12300	13300	14600	16500		
50	10	13100	14100	15400	17500		
55	13	14300	15300	16500	18800		
60	16	15400	16400	17700	20200		
65	18	16500	17600	18900	21600		
70	21	17200	18300	19500	22400		
75	24	17100	18200	19400	22300		
80	27	16700	17800	19200	22000		
85	29	16300	17400	18900	21700		
90	32	15800	16900	18500	21200		
95	35	15300	16400	18000	20700		
100	38	14900	16000	17700	20300		
105	41	14500	15600	17400	19800		
110	43	14100	15100	17000	19400		
115	46	13700	14700	16500	18900		
118	48	13500	14400	16200	18500		

Heating 4TXM2218A12N0

Outdoor Temperature		Indoor Temperature				DB	WB
		59F(15C)	64F(18C)	70F(21C)	75F(24C)		
DB (F)	DB (C)	50F(10C)	54F(12C)	59F(15C)	63F(17C)		
-4	-20	10000	9900	9700	9400		
0	-18	11100	10800	10500	10300		
5	-15	11400	11000	10800	10600		
10	-12	11900	11600	11400	11100		
15	-9	12400	12000	11800	11500		
20	-7	13000	12600	12300	12100		
25	-4	13700	13400	13000	12800		
30	-1	14900	14500	14100	13900		
35	2	16600	16200	15800	15700		
40	4	18200	17700	17300	17100		
45	7	19400	18900	18500	18100		
50	10	20100	19500	19100	18600		
55	13	20500	19900	19500	18900		
60	16	20800	20200	19800	19200		

Capacities in these performance tables reflect normal operation at the temperatures indicated. See specification tables above for certified values under prescribed test conditions.

Performance Data

Cooling 4TXM2221A13N0

Outdoor Temperature		Indoor Temperature				DB	WB
		70F(21C)	75F(24C)	80F(27C)	90F(32C)		
DB (F)	DB (C)	59F(15C)	63F(17C)	67F(19C)	73F(23C)		
0	-18	14000	15300	16900	18500		
5	-15	15000	16200	17800	19800		
10	-12	15600	17000	18600	20300		
15	-9	16200	17800	19300	20800		
20	-7	16600	18300	19800	21200		
25	-4	16800	18600	20200	21500		
30	-1	17100	19000	20600	21700		
35	2	17400	19300	21000	22000		
40	4	17700	19600	21300	22300		
45	7	18000	20000	21700	22600		
50	10	19100	21000	22800	24100		
55	13	20700	22500	24300	26400		
60	16	22300	24000	25900	28700		
65	18	23900	25600	27400	31100		
70	21	24800	26400	28200	32400		
75	24	24700	26200	28100	32200		
80	27	24200	25800	27800	31900		
85	29	23500	25100	27300	31300		
90	32	22800	24400	26700	30600		
95	35	22100	23700	26000	29900		
100	38	21500	23100	25600	29300		
105	41	21000	22500	25200	28700		
110	43	20300	21900	24600	28100		
115	46	19800	21200	23900	27300		
118	48	19500	20800	23400	26700		

Heating 4TXM2221A13N0

Outdoor Temperature		Indoor Temperature				DB	WB
		59F(15C)	64F(18C)	70F(21C)	75F(24C)		
DB (F)	DB (C)	50F(10C)	54F(12C)	59F(15C)	63F(17C)		
-4	-20	13100	12800	12400	12000		
0	-18	16900	16400	16100	15700		
5	-15	17400	16900	16600	16100		
10	-12	18300	17700	17400	16900		
15	-9	18900	18400	18000	17500		
20	-7	19900	19300	18900	18500		
25	-4	21000	20400	19900	19600		
30	-1	22700	22200	21500	21300		
35	2	25400	24800	24200	23900		
40	4	27700	27100	26500	26100		
45	7	29700	28800	28200	27600		
50	10	30800	29800	29200	28400		
55	13	31300	30300	29700	28900		
60	16	31800	30800	30200	29400		

Capacities in these performance tables reflect normal operation at the temperatures indicated. See specification tables above for certified values under prescribed test conditions.

Performance Data

Cooling 4TXM2224A14N0

Outdoor Temperature		Indoor Temperature				DB	WB
		70F(21C)	75F(24C)	80F(27C)	90F(32C)		
DB (F)	DB (C)	59F(15C)	63F(17C)	67F(19C)	73F(23C)		
0	-18	17500	19200	21200	23100		
5	-15	18700	20300	22300	24800		
10	-12	19500	21300	23200	25400		
15	-9	20200	22300	24100	26000		
20	-7	20700	22900	24800	26500		
25	-4	21100	23300	25300	26800		
30	-1	21400	23700	25700	27200		
35	2	21800	24100	26200	27500		
40	4	22100	24500	26700	27900		
45	7	22500	25000	27200	28200		
50	10	22900	25500	27800	28800		
55	13	23300	26000	28500	29400		
60	16	23800	26600	29200	30100		
65	18	24200	27200	29900	30800		
70	21	25400	28300	31000	32500		
75	24	27700	30200	33000	36000		
80	27	29300	31700	34200	38100		
85	29	30600	32800	35000	39300		
90	32	29900	32200	34500	38400		
95	35	28900	31200	33600	37000		
100	38	25500	27500	29400	32100		
105	41	22200	23900	26000	27500		
110	43	19500	20900	25800	23900		
115	46	16100	17500	22000	20100		
118	48	13600	15000	16600	17700		

Heating 4TXM2224A14N0

Outdoor Temperature		Indoor Temperature				DB	WB
		59F(15C)	64F(18C)	70F(21C)	75F(24C)		
DB (F)	DB (C)	50F(10C)	54F(12C)	59F(15C)	63F(17C)		
-4	-20	16400	16000	15500	15100		
0	-18	17300	16600	16100	15700		
5	-15	20400	19700	19200	18900		
10	-12	22400	21900	22000	21800		
15	-9	22400	22100	22000	21700		
20	-7	23800	23800	23300	23200		
25	-4	26000	26400	25600	25600		
30	-1	29300	28500	27600	27500		
35	2	34200	29800	29200	28500		
40	4	37400	32200	31600	30700		
45	7	38200	36100	35200	34700		
50	10	39000	38200	37300	36700		
55	13	39900	39200	38500	37500		
60	16	40700	40100	39700	38200		

Capacities in these performance tables reflect normal operation at the temperatures indicated. See specification tables above for certified values under prescribed test conditions.

Performance Data

Cooling 4TXM2230A15N0

Outdoor Temperature		Indoor Temperature				DB	WB
		70F(21C)	75F(24C)	80F(27C)	90F(32C)		
DB (F)	DB (C)	59F(15C)	63F(17C)	67F(19C)	73F(23C)		
0	-18	21000	21700	24100	25600		
5	-15	21900	22500	25700	28100		
10	-12	22700	23200	26300	28800		
15	-9	23500	23800	26900	29400		
20	-7	24200	24500	27300	30000		
25	-4	24800	25200	27800	30500		
30	-1	25400	25800	28200	31000		
35	2	26100	26500	28600	31400		
40	4	26700	27100	29100	31900		
45	7	27300	27800	29500	32400		
50	10	28300	28800	30300	33900		
55	13	29500	30100	31500	36000		
60	16	30700	31400	32700	38100		
65	18	31900	32600	33800	40200		
70	21	33100	34700	35500	42300		
75	24	34500	37900	37800	44200		
80	27	35200	38900	38800	45000		
85	29	35400	38500	38900	45100		
90	32	34000	37200	37600	43300		
95	35	32100	35800	36000	41000		
100	38	29500	32600	33100	37900		
105	41	27000	29600	30300	34800		
110	43	24800	27100	28200	31600		
115	46	20600	22300	23700	25800		
118	48	16300	17500	19000	20100		

Heating 4TXM2230A15N0

Outdoor Temperature		Indoor Temperature				DB	WB
		59F(15C)	64F(18C)	70F(21C)	75F(24C)		
DB (F)	DB (C)	50F(10C)	54F(12C)	59F(15C)	63F(17C)		
-4	-20	20300	20100	19800	19400		
0	-18	21400	20900	20600	20300		
5	-15	23300	22700	22400	22000		
10	-12	26900	27300	28600	29200		
15	-9	29300	29100	29400	29700		
20	-7	31000	30500	30400	30500		
25	-4	32300	31800	31600	31400		
30	-1	34700	34000	33700	32800		
35	2	38700	37700	37100	35100		
40	4	40600	39500	38800	36300		
45	7	39300	38700	37900	36100		
50	10	39500	38900	38000	36800		
55	13	40500	39800	38800	38000		
60	16	41500	40800	39700	39200		

Capacities in these performance tables reflect normal operation at the temperatures indicated. See specification tables above for certified values under prescribed test conditions.

Performance Data

Cooling 4TXM2236A15N0

Outdoor Temperature		Indoor Temperature				DB	WB
		70F(21C)	75F(24C)	80F(27C)	90F(32C)		
DB (F)	DB (C)	59F(15C)	63F(17C)	67F(19C)	73F(23C)		
0	-18	21800	22300	24700	26300		
5	-15	22800	23400	26500	28900		
10	-12	23300	24000	27000	29500		
15	-9	23900	24700	27600	30100		
20	-7	24600	25300	28000	30600		
25	-4	25300	26000	28500	31100		
30	-1	26000	26600	28900	31700		
35	2	26700	27300	29300	32200		
40	4	27500	28000	29800	32700		
45	7	28200	28600	30200	33200		
50	10	29100	29500	31400	35000		
55	13	30200	30600	33100	37800		
60	16	31200	31800	34800	40500		
65	18	32300	32900	36400	43200		
70	21	33500	34500	38300	45500		
75	24	34700	36900	40500	47100		
80	27	35600	38100	42000	48000		
85	29	36300	38400	43100	48400		
90	32	35200	37600	42200	45300		
95	35	33700	36600	40800	41400		
100	38	31300	35000	37500	39400		
105	41	28700	32900	34200	36900		
110	43	25200	28400	30700	32500		
115	46	20600	22700	24900	26100		
118	48	16700	18200	19300	20500		

Heating 4TXM2236A15N0

Outdoor Temperature		Indoor Temperature				DB	WB
		59F(15C)	64F(18C)	70F(21C)	75F(24C)		
DB (F)	DB (C)	50F(10C)	54F(12C)	59F(15C)	63F(17C)		
-4	-20	20600	20400	20300	20100		
0	-18	21800	21700	21600	21500		
5	-15	24700	23600	23400	23100		
10	-12	28400	28600	29100	28800		
15	-9	30300	30300	30300	30000		
20	-7	31200	31200	31100	30300		
25	-4	31400	31700	31600	30000		
30	-1	33900	34300	33800	32100		
35	2	39700	39900	38700	37800		
40	4	42300	42200	40700	40300		
45	7	40000	39400	38400	37800		
50	10	39400	38800	37900	37500		
55	13	40000	39600	38600	38500		
60	16	40600	40300	39300	39400		

Capacities in these performance tables reflect normal operation at the temperatures indicated. See specification tables above for certified values under prescribed test conditions.

Performance Data

Cooling 4TXM2242A15N0

Outdoor Temperature		Indoor Temperature				DB	WB
		70F(21C)	75F(24C)	80F(27C)	90F(32C)		
DB (F)	DB (C)	59F(15C)	63F(17C)	67F(19C)	73F(23C)		
0	-18	21800	22300	24700	26300		
5	-15	22800	23400	26500	28900		
10	-12	23300	24000	27000	29500		
15	-9	23900	24700	27600	30100		
20	-7	24600	25300	28000	30600		
25	-4	25300	26000	28500	31100		
30	-1	26000	26600	28900	31700		
35	2	26700	27300	29300	32200		
40	4	27500	28000	29800	32700		
45	7	28200	28600	30200	33200		
50	10	29100	29500	31400	35000		
55	13	30200	30600	33100	37800		
60	16	31200	31800	34800	40500		
65	18	32300	32900	36400	43200		
70	21	33500	34500	38300	45500		
75	24	34700	36900	40500	47100		
80	27	35600	38100	42000	48000		
85	29	36300	38400	43100	48400		
90	32	35200	37600	42200	45300		
95	35	33700	36600	40800	41400		
100	38	31300	35000	37500	39400		
105	41	28700	32900	34200	36900		
110	43	25200	28400	30700	32500		
115	46	20600	22700	24900	26100		
118	48	16700	18200	19300	20500		

Heating 4TXM2242A15N0

Outdoor Temperature		Indoor Temperature				DB	WB
		59F(15C)	64F(18C)	70F(21C)	75F(24C)		
DB (F)	DB (C)	50F(10C)	54F(12C)	59F(15C)	63F(17C)		
-4	-20	20600	20400	20300	20100		
0	-18	21800	21700	21600	21500		
5	-15	24700	23600	23400	23100		
10	-12	28400	28600	29100	28800		
15	-9	30300	30300	30300	30000		
20	-7	31200	31200	31100	30300		
25	-4	31400	31700	31600	30000		
30	-1	33900	34300	33800	32100		
35	2	39700	39900	38700	37800		
40	4	42300	42200	40700	40300		
45	7	40000	39400	38400	37800		
50	10	39400	38800	37900	37500		
55	13	40000	39600	38600	38500		
60	16	40600	40300	39300	39400		

Capacities in these performance tables reflect normal operation at the temperatures indicated. See specification tables above for certified values under prescribed test conditions.

Mechanical Specifications

Multi-Zone Outdoor Unit

General

This unit is pre-charged from the factory for a limited line length. This unit is designed to operate at outdoor ambient temperatures as high as 118°F. Cooling capacities with the mini-split air handler shown in the catalog are AHRI certified. The unit is ETL listed for outdoor application.

Unit Casing

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

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

Compressor

The compressor features internal over temperature and pressure protection; total dipped hermetic motor windings.

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.

Low Ambient Cooling

Matched Trane ductless products, have cooling capabilities at outdoor ambient temperatures of 0° F.



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