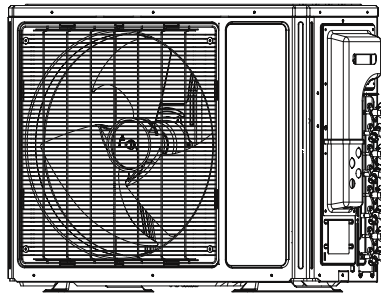




22-1919-1D-EN

Product Data

**22 Series 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) – 22 Series 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.

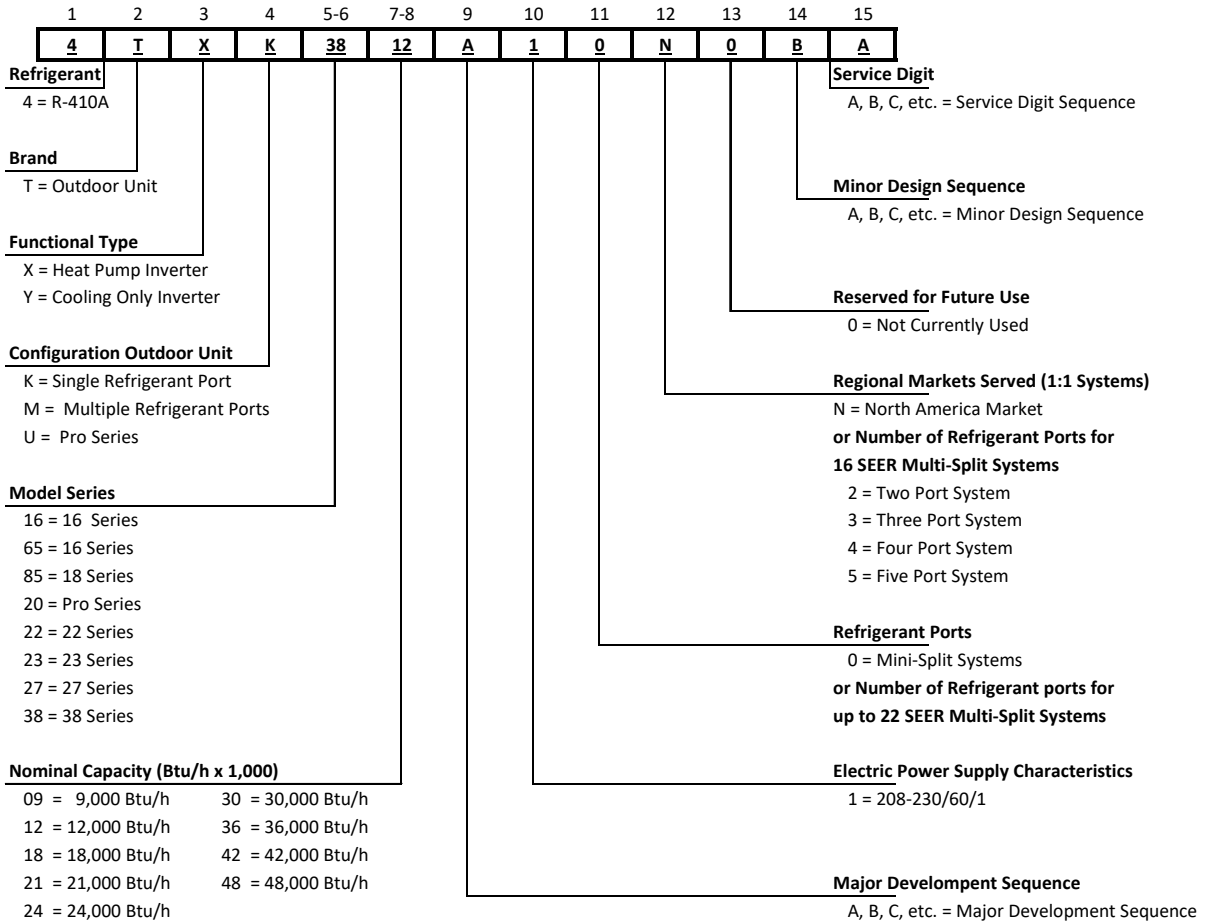


4TXM22 Multi-Zone Outdoor Units (2-5 Port matched with multiple indoor units)

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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 22 Series
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 Series 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 (Btu/W hr)/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 (Btu/W hr)/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

4TXM2218A12N - Cooling Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature (Dry Bulb/Wet Bulb)							
	70/59°F		75/63°F		80/67°F		90/73°F	
	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC
0	8500	7800	9500	8700	10600	9700	12000	10900
5	9300	8600	10500	9600	11700	10800	13600	12400
10	9900	9100	11000	10100	12200	11200	14100	12800
15	10400	9600	11400	10500	12600	11600	14500	13200
20	10900	10000	11800	10800	13000	11900	14900	13600
25	11200	10300	12100	11100	13300	12200	15200	13900
30	11500	10600	12400	11400	13600	12500	15600	14200
35	11800	10800	12700	11700	14000	12800	15900	14500
40	12100	11100	13000	11900	14300	13100	16200	14800
45	12400	11400	13300	12200	14600	13400	16500	15100
50	13200	11800	14100	12600	15400	13800	17500	15500
55	14300	12300	15300	13100	16600	14200	18900	16100
60	15500	12800	16500	13600	17800	14700	20300	16700
65	16600	13300	17700	14100	18900	15100	21700	17300
70	17200	13500	18300	14400	19600	15400	22500	17600
75	17100	13400	18200	14300	19500	15300	22400	17500
80	16800	13200	17900	14000	19300	15100	22100	17300
85	16300	12800	17400	13700	19000	14900	21700	17000
90	15800	12400	16900	13300	18500	14500	21200	16600
95	15400	12100	16400	12900	18000	14100	20700	16300
100	15000	11700	16000	12600	17700	13900	20300	15900
105	14500	11400	15600	12200	17500	13700	19900	15600
110	14100	11100	15200	11900	17000	13400	19500	15300
115	13700	10800	14700	11500	16600	13000	19000	14900

*Total Capacity **Sensible Heat Capacity

4TXM2218A12N - Heating Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature			
	59°F	64°F	70°F	75°F
	TC*	TC	TC	TC
0	11100	10800	10600	10300
5	11400	11100	10900	10600
10	12000	11600	11400	11100
15	12400	12100	11800	11500
20	13000	12700	12400	12100
25	13800	13400	13100	12900
30	14900	14500	14200	14000
35	16700	16300	15900	15700
40	18200	17800	17400	17100
45	19500	18900	18500	18100
50	20200	19600	19200	18700
55	20500	19900	19500	19000
60	20900	20200	19800	19300

*Total Capacity

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

4TXM2221A13N - Cooling Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature (Dry Bulb/Wet Bulb)							
	70/59°F		75/63°F		80/67°F		90/73°F	
	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC
0	14100	13000	15400	14100	17000	15900	18500	17500
5	15000	13600	16300	14900	17900	16300	19900	18000
10	15600	14200	17100	15500	18600	16900	20400	18700
15	16200	14800	17800	16100	19300	17500	20800	19500
20	16600	15200	18400	16500	19900	17900	21200	19900
25	16900	15400	18700	16600	20200	18200	21500	20100
30	17200	15700	19000	16800	20600	18500	21800	20300
35	17500	16000	19300	17000	21000	18800	22100	20400
40	17800	16300	19700	17100	21400	19100	22300	20600
45	18000	16600	20000	17300	21800	19400	22600	20800
50	19100	17100	21000	17800	22900	19900	24100	21600
55	20800	17800	22600	18700	24400	20500	26500	22700
60	22400	18500	24100	19500	25900	21200	28800	23700
65	24000	19200	25600	20300	27400	21800	31100	24800
70	24900	19500	26500	20700	28300	22200	32400	25400
75	24700	19400	26300	20600	28100	22100	32300	25300
80	24300	19000	25800	20300	27800	21800	31900	25000
85	23600	18500	25100	19700	27400	21500	31400	24600
90	22900	18000	24500	19200	26700	21000	30700	24000
95	22200	17400	23700	18600	26000	20400	29900	23500
100	21600	16900	23100	18200	25600	20100	29300	23000
105	21000	16500	22500	17700	25200	19800	28700	22500
110	20400	16000	21900	17200	24600	19300	28100	22100
115	19800	15500	21300	16700	23900	18800	27400	21500

*Total Capacity **Sensible Heat Capacity

4TXM2221A13N - Heating Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature			
	59°F	64°F	70°F	75°F
	TC*	TC	TC	TC
0	17000	16500	16200	15800
5	17400	16900	16600	16200
10	18300	17800	17400	17000
15	19000	18400	18100	17600
20	19900	19300	18900	18500
25	21000	20500	19900	19600
30	22800	22200	21600	21300
35	25400	24800	24200	24000
40	27800	27100	26500	26200
45	29700	28900	28300	27600
50	30800	29900	29300	28500
55	31300	30400	29800	28900
60	31800	30900	30300	29400

*Total Capacity

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

4TXM2224A14N - Cooling Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature (Dry Bulb/Wet Bulb)							
	70/59°F		75/63°F		80/67°F		90/73°F	
	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC
0	17600	16200	19200	17700	21200	19900	23200	21900
5	18800	16900	20400	18700	22300	20400	24800	22500
10	19500	17700	21300	19400	23300	21100	25400	23400
15	20300	18400	22300	20200	24200	21900	26100	24300
20	20800	19000	22900	20600	24800	22400	26500	24800
25	21100	19300	23400	20800	25300	22800	26900	25100
30	21500	19700	23800	21000	25800	23100	27200	25300
35	21800	20000	24200	21200	26300	23500	27600	25600
40	22200	20400	24600	21400	26700	23800	27900	25800
45	22600	20700	25000	21600	27200	24200	28300	26000
50	23000	20900	25500	22000	27800	24500	28800	26600
55	23400	21000	26100	22500	28500	24900	29500	27300
60	23800	21000	26600	22900	29200	25200	30200	28000
65	24300	21100	27200	23400	29900	25500	30800	28800
70	25400	21600	28300	24100	31100	26100	32600	29100
75	27700	22800	30300	25100	33100	27000	36000	28700
80	29400	23600	31700	25700	34300	29200	38100	28800
85	30600	24100	32900	26100	35000	32100	39400	29200
90	30000	23700	32300	25800	34500	29800	38500	28900
95	28900	23100	31200	25300	33700	26200	37000	28500
100	25500	21900	27500	23900	29400	25200	32200	26700
105	22300	20500	24000	22400	26000	24500	27600	24800
110	19500	18700	21000	20300	25800	24900	24000	22600
115	16200	16000	17500	17400	22100	21600	20200	19800

*Total Capacity **Sensible Heat Capacity

4TXM2224A14N - Heating Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature			
	59°F	64°F	70°F	75°F
	TC*	TC	TC	TC
0	17400	16700	16100	15800
5	20400	19700	19300	18900
10	22400	22000	22000	21800
15	22400	22200	22000	21800
20	23800	23800	23400	23200
25	26100	26400	25600	25700
30	29400	28500	27600	27500
35	34200	29900	29200	28600
40	37400	32300	31600	30800
45	38200	36100	35200	34700
50	39100	38300	37400	36800
55	39900	39200	38600	37500
60	40800	40100	39800	38200

*Total Capacity

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

4TXM2230A15N - Cooling Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature (Dry Bulb/Wet Bulb)							
	70/59°F		75/63°F		80/67°F		90/73°F	
	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC
0	21000	19800	21700	20200	24100	22200	25700	24100
5	22000	20100	22600	20700	25700	22900	28100	25700
10	22800	20400	23200	20900	26300	23300	28800	26700
15	23500	20800	23900	21100	26900	23700	29500	27600
20	24200	21300	24600	21700	27400	24300	30100	28200
25	24900	22000	25200	22600	27800	25000	30500	28500
30	25500	22600	25900	23500	28200	25700	31000	28800
35	26100	23300	26500	24400	28700	26400	31500	29100
40	26700	23900	27200	25300	29100	27100	32000	29400
45	27400	24500	27900	26200	29500	27900	32500	29700
50	28300	25500	28900	27000	30400	28700	33900	30400
55	29500	26600	30100	27900	31600	29500	36000	31300
60	30700	27700	31400	28700	32700	30400	38100	32200
65	31900	28900	32700	29500	33900	31200	40300	33100
70	33200	29700	34700	30300	35500	32000	42300	34000
75	34600	30100	37900	31100	37900	32600	44300	34600
80	35300	30300	39000	31700	38900	32900	45100	34800
85	35400	30400	38500	32300	39000	33000	45200	34700
90	34000	29700	37300	31900	37700	32500	43300	34500
95	32200	28800	35800	31300	36100	31900	41000	34300
100	29600	27500	32600	29700	33100	30800	37900	33400
105	27000	26100	29600	28100	30400	29400	34800	32200
110	24800	24300	27100	26100	28200	27100	31600	30100
115	20700	20400	22400	21900	23800	22800	25900	25300

*Total Capacity **Sensible Heat Capacity

4TXM2230A15N - Heating Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature			
	59°F	64°F	70°F	75°F
	TC*	TC	TC	TC
0	21500	21000	20600	20400
5	23400	22800	22500	22000
10	27000	27300	28700	29200
15	29300	29100	29500	29800
20	31100	30600	30500	30500
25	32400	31800	31700	31400
30	34800	34000	33800	32800
35	38700	37700	37200	35100
40	40600	39600	38900	36400
45	39400	38700	37900	36200
50	39500	38900	38000	36800
55	40500	39900	38900	38100
60	41600	40800	39800	39300

*Total Capacity

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

4TXM2236A15N - Cooling Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature (Dry Bulb/Wet Bulb)							
	70/59°F		75/63°F		80/67°F		90/73°F	
	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC
0	21900	19900	22400	20300	24700	22500	26300	24600
5	22800	20600	23500	21300	26500	23500	29000	26400
10	23400	20900	24100	21500	27100	23900	29500	27200
15	24000	21200	24700	21800	27600	24300	30100	28000
20	24600	21800	25400	22200	28100	24900	30700	28500
25	25400	22500	26000	22800	28500	25600	31200	28800
30	26100	23200	26700	23300	28900	26300	31700	29100
35	26800	23900	27300	23900	29400	27000	32200	29400
40	27500	24600	28000	24500	29800	27700	32700	29700
45	28200	25300	28700	25100	30200	28400	33300	30100
50	29100	26200	29600	25900	31400	29200	35100	30800
55	30200	27200	30700	26900	33100	30000	37800	31700
60	31300	28200	31800	27800	34800	30800	40500	32600
65	32400	29200	32900	28800	36500	31600	43200	33600
70	33500	29600	34600	29700	38400	32400	45500	34200
75	34700	29300	37000	30600	40500	33200	47200	34400
80	35600	29100	38200	31100	42000	33700	48100	34800
85	36400	29100	38500	31200	43100	34100	48500	35200
90	35300	29200	37700	31500	42200	34000	45400	34700
95	33800	29300	36600	31800	40800	33800	41400	33800
100	31400	28200	35100	31300	37600	33100	39400	33200
105	28800	26800	32900	30200	34300	31900	37000	32200
110	25300	24100	28500	26700	30800	28700	32500	29600
115	20600	20100	22800	21800	24900	23400	26100	24700

*Total Capacity **Sensible Heat Capacity

4TXM2236A15N - Heating Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature			
	59°F	64°F	70°F	75°F
	TC*	TC	TC	TC
0	21900	21700	21600	21600
5	24700	23600	23500	23200
10	28400	28600	29200	28800
15	30400	30300	30400	30100
20	31200	31300	31200	30400
25	31400	31800	31600	30100
30	33900	34300	33800	32100
35	39800	40000	38700	37900
40	42300	42200	40700	40300
45	40100	39500	38400	37900
50	39500	38800	38000	37500
55	40000	39600	38700	38500
60	40600	40400	39400	39500

*Total Capacity

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

4TXM2242A15N - Cooling Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature (Dry Bulb/Wet Bulb)							
	70/59°F		75/63°F		80/67°F		90/73°F	
	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC
0	22600	20600	23100	21000	25600	23300	27200	25400
5	23600	21300	24300	22000	27400	24300	29900	27300
10	24200	21600	24900	22300	28000	24700	30500	28100
15	24800	22000	25500	22500	28500	25200	31100	28900
20	25500	22500	26200	22900	29000	25800	31700	29400
25	26200	23300	26900	23500	29500	26500	32200	29800
30	27000	24000	27600	24100	29900	27200	32800	30100
35	27700	24700	28300	24700	30400	27900	33300	30400
40	28400	25400	28900	25300	30800	28700	33800	30700
45	29200	26200	29600	25900	31300	29400	34400	31100
50	30100	27100	30600	26800	32500	30200	36300	31800
55	31200	28100	31700	27800	34200	31000	39100	32800
60	32300	29100	32900	28800	36000	31900	41900	33700
65	33500	30100	34000	29800	37700	32700	44700	34700
70	34600	30600	35700	30700	39700	33500	47100	35400
75	35900	30300	38200	31600	41900	34300	48700	35500
80	36800	30100	39400	32100	43400	34900	49700	35900
85	37600	30000	39800	32300	44600	35200	50100	36400
90	36500	30200	38900	32500	43600	35100	46900	35800
95	34900	30300	37800	32900	42200	34900	42800	35000
100	32400	29200	36200	32400	38800	34200	40800	34300
105	29800	27700	34000	31200	35400	33000	38200	33300
110	26100	24900	29400	27600	31800	29600	33600	30600
115	21300	20800	23500	22500	25800	24200	27000	25500

*Total Capacity **Sensible Heat Capacity

4TXM2242A15N - Heating Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature			
	59°F	64°F	70°F	75°F
	TC*	TC	TC	TC
0	22400	22300	22100	22100
5	25300	24200	24100	23700
10	29100	29300	29900	29500
15	31100	31000	31100	30800
20	32000	32000	31900	31100
25	32200	32500	32400	30800
30	34700	35100	34600	32900
35	40700	40900	39600	38800
40	43400	43200	41700	41300
45	41000	40400	39400	38800
50	40400	39800	38900	38400
55	41000	40600	39600	39400
60	41600	41300	40300	40400

*Total Capacity

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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