



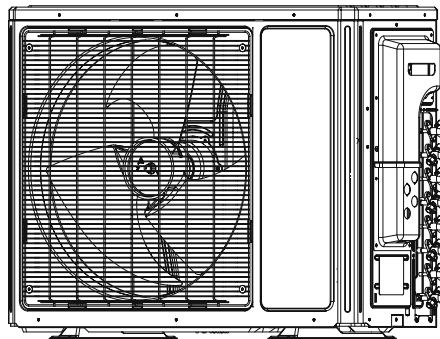
**TRANE®**

# Product Data

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

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**Multi-Zone**  
Heat Pump

**Outdoor Unit**  
4TXM2118A12N0A  
4TXM2124A13N0A  
4TXM2130A14N0A  
4TXM2136A14N0A  
4TXM2142A15N0A

# It's Hard to Stop a Trane.

## Split System (R-410A) - 21 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

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

### Inverter Rotary DC Compressor

Provides better balance and higher efficiency.

### Compressor Protection

Compressor stops or delays operation when there is mode conflict.

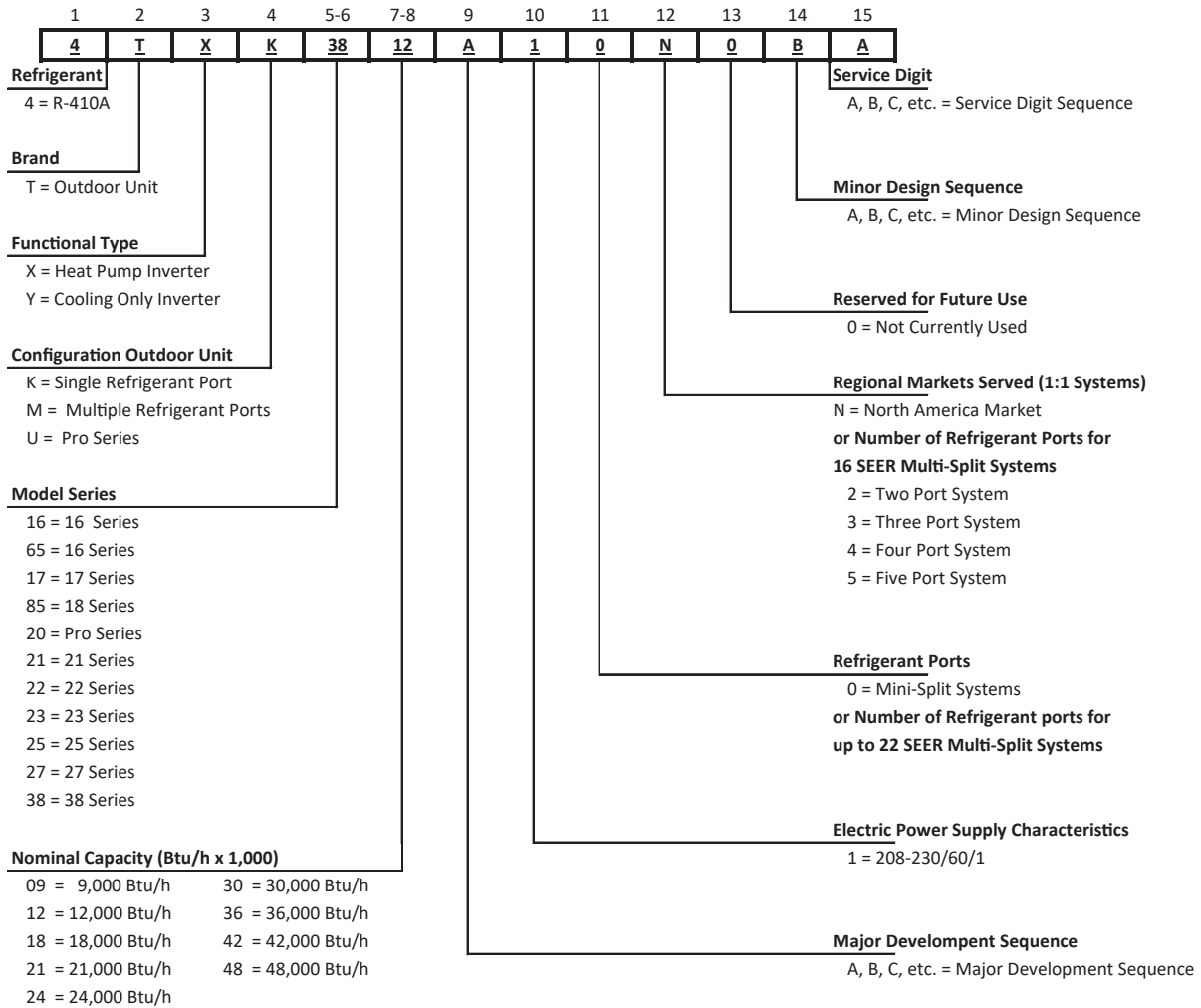


**4TXM21 Multi-Zone Outdoor Units  
(2-5 Port matched with multiple indoor units)**

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## OUTDOOR UNIT MODEL NOMENCLATURE



## Optional Equipment

### Optional outdoor unit accessories

Model Number	Description	4TXM21 Multi-Zone 21 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'	✓

## 21 Series Ductless Multi-Zone Approved Combinations

### Combinations for Outdoor and Indoor Units

MODEL	4TXM2118A12	4TXM2124A13	4TXM2130A14	4TXM2136A14	4TXM2142A15
Minimum number of connectable indoor units	2	2	2	2	2
Maximum number of connectable indoor units	2	3	4	4	5

The multi-zone 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

	4TXM2118A	4TXM2124A	4TXM2130A	4TXM2136A	4TXM2142A
Refrigerant Type	R-410A				
Refrigerant Charge oz (kg)	45.9 (1.3)	84.7 (2.4)	105.8 (3.0)	130.5 (3.7)	134.0 (3.8)
Additional Charge per Line Length +/- oz/ft (g/m)	0.2 (20)				
Connection Method - Flared in. (mm)	1/4" x 3/8" (φ6 x φ9.52)				
Factory Charge for Total Line Length	32.8 (10)	131.2 (30)			164.0 (50)
Total Max. Refrigerant Pipe Length	131.2 (40)	196.8 (60)	262.5 (80)		328.1 (100)
Max. Refrigerant Piping Length to any Indoor Unit	65.6 (20)		82.0 (25)		
Min. Refrigerant Piping Length to any Indoor Unit	15.0 (4.57)				
Max. Elevation Between Indoor Units	49.2 (15)		82.0 (25)		
Max. Lift from Outdoor to Indoor Unit	49.2 (15)		82.0 (25)		
Max. Drop from Outdoor to Indoor Unit	49.2 (15)		82.0 (25)		
Compressor Oil Used	FW68DA or equivalent				

Unit: Feet (m)

#### 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.

## 21 Series Ductless Multi-Zone Approved Combinations

Outdoor Unit	Indoor Unit Combinations				
	Two Units				
4TXM2118A12N0A 18,000 BTUH	9 + 9	12+12			
	9 + 12				
Outdoor Unit	Two Units		Three Units		
4TXM2124A13N0A 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	One Indoor	Two Indoor	Three Indoor	Four Indoor	Five Indoor
4TXM2130A14N0A 30,000 BTUH		9K+9K	9K+9K+9K	9K+9K+9K+9K	
		9K+12K	9K+9K+12K	9K+9K+9K+12K	
		9K+18K	9K+9K+18K	9K+9K+9K+18K	
		9K+24K	9K+9K+24K	9K+9K+12K+12K	
		12K+12K	9K+12K+12K	9K+12K+12K+12K	
		12K+18K	9K+12K+18K		
		12K+24K	9K+12K+24K		
		18K+18K	9K+18K+18K		
		18K+24K	12K+12K+12K		
		12K+12K+18K			
Outdoor Unit	One Indoor	Two Indoor	Three Indoor	Four Indoor	Five Indoor
4TXM2136A14N0A 36,000 BTUH		9K+9K	9K+9K+9K	9K+9K+9K+9K	
		9K+12K	9K+9K+12K	9K+9K+9K+12K	
		9K+18K	9K+9K+18K	9K+9K+9K+18K	
		9K+24K	9K+9K+24K	9K+9K+9K+24K	
		12K+12K	9K+12K+12K	9K+9K+12K+12K	
		12K+18K	9K+12K+18K	9K+9K+12K+18K	
		12K+24K	9K+12K+24K	9K+9K+12K+24K	
		18K+18K	9K+18K+18K	9K+9K+18K+18K	
		18K+24K	9K+18K+24K	9K+12K+12K+12K	
		24K+24K	12K+12K+12K	9K+12K+12K+18K	
			12K+12K+18K	12K+12K+12K+12K	
			12K+12K+24K	12K+12K+12K+18K	
			12K+18K+18K		
		12K+18K+24K			
		18K+18K+18K			
Outdoor Unit	One Indoor	Two Indoor	Three Indoor	Four Indoor	Five Indoor
4TXM2142A15N0A 42,000 BTUH		9K+12K	9K+9K+9K	9K+9K+9K+9K	9K+9K+9K+9K+9K
		9K+18K	9K+9K+12K	9K+9K+9K+12K	9K+9K+9K+9K+12K
		9K+24K	9K+9K+18K	9K+9K+9K+18K	9K+9K+9K+9K+18K
		12K+12K	9K+9K+24K	9K+9K+9K+24K	9K+9K+9K+9K+24K
		12K+18K	9K+12K+12K	9K+9K+12K+12K	9K+9K+9K+12K+12K
		12K+24K	9K+12K+18K	9K+9K+12K+18K	9K+9K+9K+12K+18K
		18K+18K	9K+12K+24K	9K+9K+12K+24K	9K+9K+9K+12K+24K
		18K+24K	9K+18K+18K	9K+9K+18K+18K	9K+9K+9K+18K+18K
		24K+24K	9K+18K+24K	9K+9K+18K+24K	9K+9K+12K+12K+12K
			9K+24K+24K	9K+12K+12K+12K	9K+9K+12K+12K+18K
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			12K+12K+18K	9K+12K+12K+24K	9K+12K+12K+12K+18K
			12K+12K+24K	9K+12K+18K+18K	12K+12K+12K+12K+12K
			12K+18K+18K	9K+12K+18K+24K	
			12K+18K+24K	9K+18K+18K+18K	
			12K+21K+24K	12K+12K+12K+12K	
			12K+24K+24K	12K+12K+12K+18K	
		18K+18K+18K	12K+12K+12K+24K		
		18K+18K+24K	12K+12K+18K+18K		

**Note:** Heating and cooling capacity can be diminished with more than 100% indoor connected load.

## 21 Series Ductless Multi-Zone Approved Combinations

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### Ductless Multi-Zone Quick Reference

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Multi-Split Heat Pump Outdoor				
18,000 BTUH	24,000 BTUH	30,000 BTUH	36,000 BTUH	42,000 BTUH
4TXM2118A12N0A	4TXM2124A13N0A	4TXM2130A14N0A	4TXM2136A14N0A	4TXM2142A15N0A

### Operating Temperature Ranges

Cooling Operating Range	Outdoor Temperature -22 - 118 °F (-30 - 48 °C)
Heating Operating Range	Outdoor Temperature -22 - 75 °F (-30 - 24 °C)

## General Data - IP

Model - Heat Pump	4TXM2118A	4TXM2124A	4TXM2130A	4TXM2136A	4TXM2142A
Rated Cooling Capacity @ 95°F (Btu/h)	17000	23200	28400	34000	36000
Cooling Capacity Range @ 95°F (Btu/h)	7000 - 19600	7500 - 31400	8190 - 34100	8871 - 35826	8871 - 40944
Rated Heating Capacity @ 47°F (Btu/h)	18000	24000	30000	36000	40000
Heating Capacity Range @ 47°F (Btu/h)	7000 - 19600	7500 - 31400	8190 - 40900	8871 - 44356	8871 - 46062
Rated Heating Capacity @ 17°F (Btu/h)	17000	23600	27200	30800	30800
Maximum Capacity @ 5°F (Btu/h)	13600	19850	21690	29050	29048
Seer	21	21	21	21	21
HSPF	10	10	10	10	10
EER	12	12.5	12.5	12	12
COP	13.03	13.34	13.34	12.16	13.25
Energy Star	Yes	Yes	Yes	Yes	Yes
Compressor Type	Inverter Rotary	Inverter Rotary	Inverter Rotary	Twin Rotary	Twin Rotary
RLA (A)	9.95	12.1	14.25	18.2	18.4
Compressor Input Power (W) ±3%	1295	1887	2047	2294	2294
Outdoor Heat Exchanger Type	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube
Fan Motor Speed (RPM)	900	850	860	860	860
Output of Fan Motor (W)	30	60	130	130	130
Air Flow Rate (CFM)	1354	2236	3413	3413	3413
Oil Type	FW68DA or equivalent	FW68DA or equivalent	FW68DA or equivalent	FW68DA or equivalent	FW68DA or equivalent
Refrigerant Control	EEV	EEV	EEV	EEV	EEV
Defrost Method	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
Sound Power Level d(BA)	64	68	74	74	74
Sound Pressure Level d(BA)	54	58	63	63	63
Net Weight (lbs)	77.2	114.7	152.1	172	174.2
Gross Weight (lbs)	82.7	124.6	167.6	187.4	189.6
Uncrated Dimension (W/D/H) (Inch)	32.4 x 13.9 x 21.7	38 x 25.8 x 26	40.2 x 16.8 x 32.5	40.2 x 16.8 x 32.5	40.2 x 16.8 x 32.5
Crated Dimension (W/D/H) (Inch)	34.3 x 15.7 x 24.4	40.6 x 18 x 28.9	43 x 19.6 x 34.8	43 x 19.6 x 34.8	43 x 19.6 x 34.8
Rated voltage (volts/PH)	208/230	208/230	208/230	208/230	208/230
Frequency (Hz)	60	60	60	60	60
Fan Motor FLA (A)	0.5	0.5	2.2	2.8	2.8
MCA (A)	20	25	30	30	30
MOP (A)	20	25	35	45	45
Control Board Fuse Size (A)	15	15	15	15	15
Operating Temperature Range Cooling (°F)	-22 ~118	-22 ~118	-22 ~118	-22 ~118	-22 ~118
Operating Temperature Range Heating (°F)	-22 ~75.2	-22 ~75.2	-22 ~75.2	-22 ~75.2	-22 ~75.2
Refrigerant Charge (oz)	45.9	84.7	105.8	130.5	134.0
Chargeless Pipe Length (ft.)	32.8	131.2	131.2	131.2	164
Additional Refrigerant Charge Per Additional Pipe length (oz/ft.)	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. (See chart on page 5)
- Record the additional refrigerant charge for future maintenance.



## General Data - SI

Model - Heat Pump	4TXM2118A	4TXM2124A	4TXM2130A	4TXM2136A	4TXM2142A
Rated Cooling Capacity @ 95°F (Btu/h)	17000	23200	28400	34000	36000
Cooling Capacity Range @ 95°F (Btu/h)	7000 - 19600	7500 - 31400	8190 - 34100	8871 - 35826	8871 - 40944
Rated Heating Capacity @ 47°F (Btu/h)	18000	24000	30000	36000	40000
Heating Capacity Range @ 47°F (Btu/h)	7000 - 19600	7500 - 31400	8190 - 40900	8871 - 44356	8871 - 46062
Rated Heating Capacity @ 17°F (Btu/h)	17000	23600	27200	30800	30800
Maximum Capacity @ 5°F (Btu/h)	13600	19850	21690	29050	29048
Seer	21	21	21	21	21
HSPF	10	10	10	10	10
EER	12	12.5	12.5	12	12
COP	13.03	13.34	13.34	12.16	13.25
Energy Star	Yes	Yes	Yes	Yes	Yes
Compressor Type	Inverter Rotary	Inverter Rotary	Inverter Rotary	Twin Rotary	Twin Rotary
RLA (A)	9.95	12.1	14.25	18.2	18.4
Compressor Input Power (W) ±3%	1295	1887	2047	2294	2294
Outdoor Heat Exchanger Type	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube
Fan Motor Speed (RPM)	900	850	860	860	860
Output of Fan Motor (W)	30	60	130	130	130
Air Flow Rate (m3/h)	2300	3800	5800	5800	5800
Oil Type	FW68DA or equivalent	FW68DA or equivalent	FW68DA or equivalent	FW68DA or equivalent	FW68DA or equivalent
Refrigerant Control	EEV	EEV	EEV	EEV	EEV
Defrost Method	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
Sound Power Level d(BA)	64	68	74	74	74
Sound Pressure Level d(BA)	54	58	63	63	63
Net Weight (kg)	35	52	69	78	79
Gross Weight (kg)	37.5	56.5	76	85	86
Uncrated Dimension (W/D/H) (mm)	822 x 352 x 550	964 x 402 x 660	1020 x 427 x 826	1020 x 427 x 826	1020 x 427 x 826
Crated Dimension (W/D/H) (mm)	872 x 398 x 620	1032 x 456 x 737	1093 x 497 x 885	1093 x 497 x 885	1093 x 497 x 885
Rated voltage (volts/PH)	208/230	208/230	208/230	208/230	208/230
Frequency (Hz)	60	60	60	60	60
Fan Motor FLA (A)	0.5	0.5	2.2	2.8	2.8
MCA (A)	20	25	30	30	30
MOP (A)	20	25	35	45	45
Control Board Fuse Size (A)	15	15	15	15	15
Operating Temperature Range Cooling (°C)	-30 ~48	-30 ~48	-30 ~48	-30 ~48	-30 ~48
Operating Temperature Range Heating (°C)	-30 ~24	-30 ~24	-30 ~24	-30 ~24	-30 ~24
Refrigerant Charge (kg)	1.3	2.4	3.0	3.7	3.8
Chargeless Pipe Length (m)	10	30	40	40	50
Additional Refrigerant Charge Per Additional Pipe length (g/m)	20	20	20	20	20

**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

## 4TXM2118A - Cooling Mode Performance Data

Outdoor		70F DB (21C)		75F DB (24C)		80F DB (27C)		90F DB (32C)	
Coil air		59F WB (15C)		63F WB (17C)		67F WB (19C)		73F WB (23C)	
DB F	DB C	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC
-22	-30	8676	6724	9260	7204	10416	8166	11822	9280
-4	-18	9230	7153	9851	7664	11081	8687	12577	9873
5	-15	9819	7610	10479	8153	11788	9242	13379	10503
14	-10	10446	8096	11148	8673	12540	9832	14233	11173
23	-5	11113	8612	11860	9227	13341	10459	15142	11886
32	0	11822	9162	12617	9816	14192	11127	16108	12645
41	5	12577	9747	13422	10443	15098	11837	17136	13452
50	10	13380	10369	14279	11109	16062	12593	18230	14311
59	15	14234	11031	15190	11818	17087	13396	19394	15224
68	20	15142	11735	16160	12573	18178	14251	20632	16196
77	25	14815	11482	15811	12301	17785	13944	20186	15846
86	30	14488	11228	15462	12029	17393	13636	19741	15496
95	35	14161	10975	15113	11758	17000	13328	19295	15147
104	40	13834	10721	14764	11486	16607	13020	18849	14797
113	45	13507	10468	14415	11215	16215	12712	18404	14447
118	48	13311	10316	14206	11052	15979	12528	18136	14237

\*Total Capacity (BtuH) \*\*Sensible Heat Capacity (BtuH)

## 4TXM2118A - Heating Mode Performance Data

Outdoor		70F DB (21C)		75F DB (24C)		80F DB (27C)	
Coil air		59F WB (15C)		63F WB (17C)		67F WB (19C)	
DB F	DB C	TC*	TC*	TC*	TC*	TC*	TC*
-22	-30	10200	10067	10067	9812	9812	9812
-5	-21	12240	12081	12081	11775	11775	11775
0	-18	12920	12752	12752	12429	12429	12429
5	-15	13600	13423	13423	13083	13083	13083
7	-14	13757	13578	13578	13234	13234	13234
17	-8	14700	14509	14509	14141	14141	14141
28	-2	15938	15730	15730	15332	15332	15332
38	3	16969	16748	16748	16324	16324	16324
47	8	18000	17766	17766	17316	17316	17316
57	14	18540	18299	18299	17835	17835	17835
68	20	19260	19010	19010	18528	18528	18528
77	25	19800	19543	19543	19048	19048	19048

\*Total Capacity (BtuH)

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

## 4TXM2124A - Cooling Mode Performance Data

Outdoor		70F DB (21C)		75F DB (24C)		80F DB (27C)		90F DB (32C)	
Coil air		59F WB (15C)		63F WB (17C)		67F WB (19C)		73F WB (23C)	
DB F	DB C	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC
-22	-30	11145	8637	11894	9254	13379	10489	15186	11921
-4	-18	11856	9189	12654	9844	14233	11159	16155	12682
5	-15	12613	9775	13461	10473	15142	11871	17186	13491
14	-10	13418	10399	14320	11141	16108	12629	18283	14352
23	-5	14275	11063	15234	11852	17137	13435	19450	15268
32	0	15186	11769	16207	12609	18230	14293	20692	16243
41	5	16155	12520	17241	13414	19394	15205	22012	17280
50	10	17187	13320	18342	14270	20632	16176	23417	18383
59	15	18284	14170	19513	15181	21949	17208	24912	19556
68	20	19451	15074	20758	16150	23350	18306	26502	20804
77	25	19409	15042	20714	16115	23300	18267	26446	20760
86	30	19367	15010	20669	16081	23250	18228	26389	20715
95	35	19326	14977	20625	16046	23200	18189	26332	20671
104	40	19284	14945	20580	16012	23150	18150	26275	20626
113	45	19242	14913	20536	15977	23100	18110	26219	20582
118	48	19217	14893	20509	15956	23070	18087	26184	20555

\*Total Capacity (BtuH) \*\*Sensible Heat Capacity (BtuH)

## 4TXM2124A - Heating Mode Performance Data

Outdoor		70F DB (21C)	75F DB (24C)	80F DB (27C)
Coil air		59F WB (15C)	63F WB (17C)	67F WB (19C)
DB F	DB C	TC*	TC*	TC*
-22	-30	17220	16996	16566
-5	-21	19848	19590	19094
0	-18	20724	20455	19936
5	-15	21600	21319	20779
7	-14	21886	21601	21054
17	-8	23600	23293	22703
28	-2	23750	23441	22848
38	3	23875	23565	22968
47	8	24000	23688	23088
57	14	24720	24399	23781
68	20	25680	25346	24704
77	25	26400	26057	25397

\*Total Capacity (BtuH)

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

## 4TXM2130A - Cooling Mode Performance Data

Outdoor		70F DB (21C)		75F DB (24C)		80F DB (27C)		90F DB (32C)	
Coil air		59F WB (15C)		63F WB (17C)		67F WB (19C)		73F WB (23C)	
DB F	DB C	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC
-22	-30	13842	10727	14772	11493	16617	13028	18860	14805
-4	-18	14725	11412	15715	12227	17677	13859	20064	15750
5	-15	15665	12141	16718	13007	18806	14744	21345	16756
14	-10	16665	12916	17786	13837	20006	15685	22707	17825
23	-5	17729	13740	18921	14720	21283	16686	24156	18963
32	0	18861	14617	20128	15660	22642	17751	25698	20173
41	5	20064	15550	21413	16660	24087	18884	27339	21461
50	10	21345	16542	22780	17723	25624	20090	29084	22831
59	15	22708	17598	24234	18854	27260	21372	30940	24288
68	20	24157	18722	25781	20058	29000	22736	32915	25838
77	25	23990	18593	25603	19919	28800	22579	32688	25660
86	30	23824	18463	25425	19781	28600	22422	32461	25482
95	35	23657	18334	25248	19643	28400	22266	32234	25304
104	40	23491	18205	25070	19504	28200	22109	32007	25125
113	45	23324	18076	24892	19366	28000	21952	31780	24947
118	48	23224	17999	24785	19283	27880	21858	31644	24840

\*Total Capacity (BtuH) \*\*Sensible Heat Capacity (BtuH)

## 4TXM2130A - Heating Mode Performance Data

Outdoor		70F DB (21C)		75F DB (24C)		80F DB (27C)	
Coil air		59F WB (15C)		63F WB (17C)		67F WB (19C)	
DB F	DB C	TC*	TC*	TC*	TC*	TC*	TC*
-22	-30	20020	19760	19760	19760	19259	19259
-5	-21	21688	21406	21406	21406	20864	20864
0	-18	22244	21955	21955	21955	21399	21399
5	-15	22800	22504	22504	22504	21934	21934
7	-14	23429	23124	23124	23124	22538	22538
17	-8	27200	26846	26846	26846	26166	26166
28	-2	28250	27883	27883	27883	27177	27177
38	3	29125	28746	28746	28746	28018	28018
47	8	30000	29610	29610	29610	28860	28860
57	14	30900	30498	30498	30498	29726	29726
68	20	32100	31683	31683	31683	30880	30880
77	25	33000	32571	32571	32571	31746	31746

\*Total Capacity (BtuH)

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

## 4TXM2136A - Cooling Mode Performance Data

Outdoor		70F DB (21C)		75F DB (24C)		80F DB (27C)		90F DB (32C)	
Coil air		59F WB (15C)		63F WB (17C)		67F WB (19C)		73F WB (23C)	
DB F	DB C	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC
-22	-30	18090	14020	19306	15020	21717	17026	24648	19349
-4	-18	19245	14915	20538	15979	23103	18112	26222	20584
5	-15	20473	15866	21849	16999	24577	19269	27895	21898
14	-10	21780	16879	23244	18084	26146	20499	29676	23295
23	-5	23170	17957	24728	19238	27815	21807	31570	24782
32	0	24649	19103	26306	20466	29590	23199	33585	26364
41	5	26222	20322	27985	21772	31479	24680	35729	28047
50	10	27896	21619	29771	23162	33488	26255	38009	29837
59	15	29676	22999	31672	24640	35626	27931	40436	31742
68	20	31571	24467	33693	26213	37900	29714	43017	33768
77	25	30488	23628	32537	25314	36600	28694	41541	32610
86	30	29405	22789	31382	24415	35300	27675	40066	31451
95	35	28322	21950	30226	23516	34000	26656	38590	30293
104	40	27239	21110	29070	22617	32700	25637	37115	29135
113	45	26156	20271	27915	21718	31400	24618	35639	27977
118	48	25506	19768	27221	21178	30620	24006	34754	27282

\*Total Capacity (BtuH) \*\*Sensible Heat Capacity (BtuH)

## 4TXM2136A - Heating Mode Performance Data

Outdoor		70F DB (21C)		75F DB (24C)		80F DB (27C)	
Coil air		59F WB (15C)		63F WB (17C)		67F WB (19C)	
DB F	DB C	TC*	TC*	TC*	TC*	TC*	TC*
-22	-30	24020	23708	23708	23107	23107	23107
-5	-21	29048	28670	28670	27944	27944	27944
0	-18	30724	30325	30325	29556	29556	29556
5	-15	32400	31979	31979	31169	31169	31169
7	-14	32171	31753	31753	30949	30949	30949
17	-8	30800	30400	30400	29630	29630	29630
28	-2	32750	32324	32324	31506	31506	31506
38	3	34375	33928	33928	33069	33069	33069
47	8	36000	35532	35532	34632	34632	34632
57	14	37080	36598	36598	35671	35671	35671
68	20	38520	38019	38019	37056	37056	37056
77	25	39600	39085	39085	38095	38095	38095

\*Total Capacity (BtuH)

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

## 4TXM2142A - Cooling Mode Performance Data

Outdoor		70F DB (21C)		75F DB (24C)		80F DB (27C)		90F DB (32C)	
Coil air		59F WB (15C)		63F WB (17C)		67F WB (19C)		73F WB (23C)	
DB F	DB C	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC
-22	-30	19394	15030	20698	16103	23282	18253	26425	20744
-4	-18	20632	15990	22019	17131	24768	19418	28112	22068
5	-15	21949	17010	23424	18224	26349	20658	29906	23476
14	-10	23350	18096	24919	19387	28031	21976	31815	24975
23	-5	24840	19251	26510	20625	29820	23379	33846	26569
32	0	26426	20480	28202	21941	31723	24871	36006	28265
41	5	28112	21787	30002	23342	33748	26459	38304	30069
50	10	29907	23178	31917	24832	35902	28148	40749	31988
59	15	31816	24657	33955	26417	38194	29944	43350	34030
68	20	33846	26231	36122	28103	40632	31855	46117	36202
77	25	32560	25234	34749	27035	39088	30645	44365	34826
86	30	31274	24237	33377	25967	37544	29434	42612	33451
95	35	29988	23241	32004	24899	36000	28224	40860	32075
104	40	28702	22244	30631	23831	34456	27014	39108	30699
113	45	27416	21247	29259	22763	32912	25803	37355	29324
118	48	26644	20649	28435	22123	31986	25077	36304	28498

\*Total Capacity (BtuH) \*\*Sensible Heat Capacity (BtuH)

## 4TXM2142A - Heating Mode Performance Data

Outdoor		70F DB (21C)		75F DB (24C)		80F DB (27C)	
Coil air		59F WB (15C)		63F WB (17C)		67F WB (19C)	
DB F	DB C	TC*	TC*	TC*	TC*	TC*	TC*
-22	-30	24500	24182	23569			
-5	-21	29240	28860	28129			
0	-18	30820	30419	29649			
5	-15	32400	31979	31169			
7	-14	32857	32430	31609			
17	-8	35600	35137	34247			
28	-2	37250	36766	35835			
38	3	38625	38123	37157			
47	8	40000	39480	38480			
57	14	41200	40664	39634			
68	20	42800	42244	41174			
77	25	44000	43428	42328			

\*Total Capacity (BtuH)

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

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## 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 (48°C). Cooling capacities with the single zone 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 -22°F (-30° C).



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