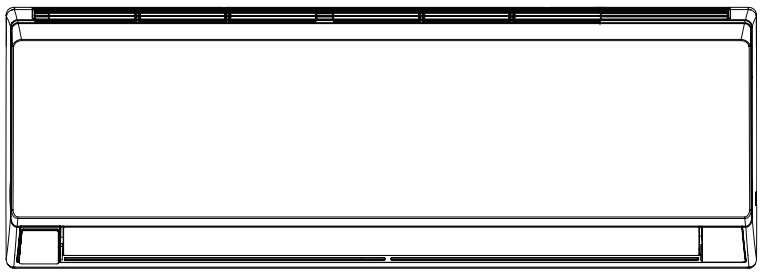
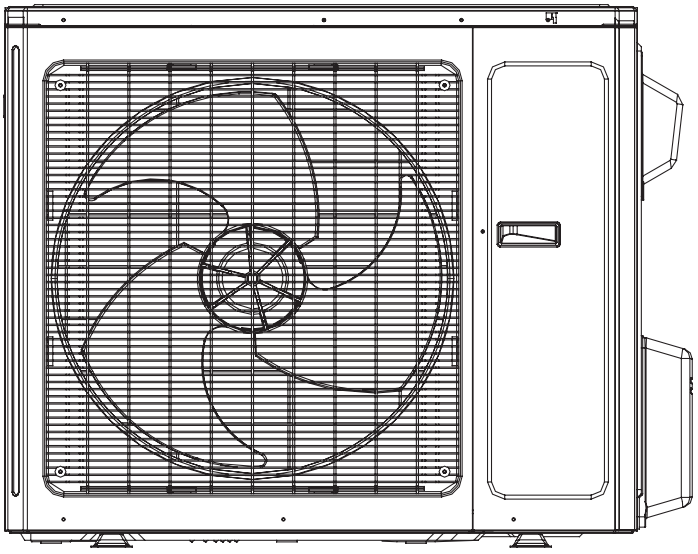
22-1918-1D-EN

Product Data

Split System (R-410A, 60Hz)
16 Series, Inverter System
9,000 to 24,000 BTU/Hr





Single Split	Indoor Unit	Outdoor Unit
Cooling Only	4MYW16	4TYK16
Heat Pump	4MXW16	4TXK16

It's Hard to Stop a Trane.

Split System (R-410A, 60Hz) 16 SEER, Inverter System - 9,000 to 24,000 BTU/Hr

Whatever their specific heating and cooling needs, people trust Trane to provide reliable efficient solutions. Trane Ductless Systems allwo you to create a comfortable indoor environment in spaces where adding ductwork might be impractical or too expensive, or not as efficient as a ductless option.

Retrofit a house that doesn't have a ducted system or where the central system is already at capacity. Bring efficient, economical comfort to new room additions. Provide spot heating and cooling that operates independently of the central system. Utilize Ductless efficiency for new construction projects where ductless systems make more sense than a traditional ducted system.

Easy to install Trane Ductless Systems offer flexibility in design and provide efficiency and economy with two simple components - an outdoor unit and one or more stylish, low profile, indoor units. All built with Trane's legendary reliability and innovative thinking.

Introducing the new TRANE Split System Family

4MYW6 and 4MXW6 Mid-Efficiency Indoor Unit

Quiet Design
Specially designed air vent efficiently reduces operation noise, as low as 26 dB.

Turbo Function
High speed operation quickly reaches desired temperature.

Sleep Mode Function
Temperature rises/falls automatically to maintain room comfort and save energy while you sleep.

Auto Clean/Triple Filtration
Fan runs when unit is stopped to reduce moisture and inhibit the development of bacteria, and the triple filtration further cleans the air that you breathe.

Anti-Cold Design
To prevent blowing cold air directly to the room, air is pre-heated during heating operation.

Timer
Operate the unit automatically only when you want by setting the timer.

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.

4TYK6, 4TXK6 and 4TXK8 Outdoor Unit

Contents

OUTDOOR UNIT MODEL NOMENCLATURE

1	2	3	4	5-6	7-8	9	10	11	12	13	14	15
4	T	X	K	38	12	A	1	0	N	0	B	A

Refrigerant
4 = R-410A

Brand
T = Outdoor Unit

Functional Type
X = Heat Pump Inverter
Y = Cooling Only Inverter

Configuration Outdoor Unit
K = Single Refrigerant Port
M = Multiple Refrigerant Ports
U = Pro Series

Model Series
16 = 16 Series
65 = 16 Series
85 = 18 Series
20 = Pro Series
22 = 22 Series
23 = 23 Series
27 = 27 Series
38 = 38 Series

Nominal Capacity (Btu/h x 1,000)
09 = 9,000 Btu/h
12 = 12,000 Btu/h
18 = 18,000 Btu/h
21 = 21,000 Btu/h
24 = 24,000 Btu/h
30 = 30,000 Btu/h
36 = 36,000 Btu/h
42 = 42,000 Btu/h
48 = 48,000 Btu/h

Service Digit
A, B, C, etc. = Service Digit Sequence

Minor Design Sequence
A, B, C, etc. = Minor Design Sequence

Reserved for Future Use
0 = Not Currently Used

Regional Markets Served (1:1 Systems)
N = North America Market
or Number of Refrigerant Ports for
16 SEER Multi-Split Systems
2 = Two Port System
3 = Three Port System
4 = Four Port System
5 = Five Port System

Refrigerant Ports
0 = Mini-Split Systems
or Number of Refrigerant ports for
up to 22 SEER Multi-Split Systems

Electric Power Supply Characteristics
1 = 208-230/60/1

Major Develompent Sequence
A, B, C, etc. = Major Development Sequence

INDOOR UNIT MODEL NOMENCLATURE

1	2	3	4	5-6	7-8	9	10	11	12	13	14	15
4	M	X	W	38	12	A	1	0	N	0	B	A

Refrigerant
4 = R-410A

Unit Type
M = Indoor Unit
U = Pro Series

Functional Type
X = Heat Pump Inverter
Y = Cooling Only Inverter

Configuration Indoor Unit
W = High Wall Unit
D = Ceiling Concealed Unit
C = Cassette Unit
F = Floor Console Unit
X = Convertible (Floor/Ceiling) Mount
L = Cassette Panel Cover

Model Series
16 = 16 Series
65 = 16 Series
85 = 18 Series
20 = Pro Series
22 = 22 Series
23 = 23 Series
27 = 27 Series
38 = 38 Series

Nominal Capacity (Btu/h x 1,000)
09 = 9,000 Btu/h
12 = 12,000 Btu/h
18 = 18,000 Btu/h
21 = 21,000 Btu/h
24 = 24,000 Btu/h
30 = 30,000 Btu/h
36 = 36,000 Btu/h
42 = 42,000 Btu/h
48 = 48,000 Btu/h

Service Digit
A, B, C, etc. = Service Digit Sequence

Minor Design Sequence
A, B, C, etc. = Minor Design Sequence

Reserved for Future Use
0 = Not Currently Used
U = Ultra Low Ambient

Regional Markets Served (1:1 Systems)
N = North America Market

Reserved for Future Use
0 = Not Currently Used

Electric Power Supply Characteristics
1 = 208-230/60/1

Major Development Sequence
A, B, C, etc. = Major Development Sequence

Optional Equipment

Optional outdoor unit accessories

Model Number	Description	4TXK16 Mini-Split HP 16 SEER	4TYK16 Mini-Split AC 16 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'	✓	✓

Optional indoor unit accessories

Model Number	Description	4MXW16 Mini-Split Indoor 16 SEER	4MYW16 Mini-Split Indoor 16 SEER
BAYFTHW04P2A	Active Carbon & Catechin filter for 16 SEER units	✓	✓
TREMOTE2AHANDAA	Wireless controller	✓	✓
TREWIRE1AHANDAA	Wired controller	✓	✓

Air Throw for High Wall		
Max Horizontal Distance		
Unit: ft. (m)		
Model	Cooling Mode	Heating Mode
4MXW1609A	13.1 (4)	13.1 (4)
4MXW1612A	29.5 (9)	19.7 (6)
4MXW1618A	30.2 (9.2)	21.3 (6.5)
4MXW1624A	31.2 (9.5)	23 (7)
4MYW1609A	13.1 (4)	N/A
4MYW1612A	29.5 (9)	N/A
4MYW1618A	30.2 (9.2)	N/A
4MYW1624A	31.2 (9.5)	N/A

General Data

MODEL - Cooling Only	4MYW1609A10N0 / 4TYK1609A10N0	4MYW1612A10N0 / 4TYK1612A10N0
RATED Volts/PH	208 / 230 / 1	208 / 230 / 1
Frequency (Hz)	60Hz	60Hz
Rated Cooling Capacity (Btu/h):	9000	12000
Minimum Cooling Capacity (@95F) (Btu/h):	3100	3700
Maximum Cooling Capacity (@95F) (Btu/h):	9600	12500
Total Capacity (W) (High/Standard/Low):	2800 / 2600 / 900	3600 / 3500 / 1100
Rated Power Input (W)	900	1300
Nominal Input Current (A)	4.0	5.8
SEER	16.0	16.0
Air Flow Volume (CFM) (H/M/L)	310 / 280 / 240 / 170	390 / 310 / 240 / 190
Dehumidifying Volume (pt./h)	1.69	2.96
EER (@95F)	10.0	9.25

Indoor Unit	4MYW1609A10N0	4MYW1612A10N0
Fan Motor Speed (r/min) (SH/H/M/L)	1350 / 1200 / 1050 / 750	1350 / 1200 / 1000 / 800
Fan Motor RLA(A)	0.20	0.31
Evaporator	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube
Pipe Diameter (inch)	1/5	1/5
Row Fin Gap (inch)	2 - 1/18	2 - 1/18
Coil length (L) x depth (D) x coil width (W) (inch)	23 × 7/8 × 10 1/2	25 × 7/8 × 12 1/16
Output of Swing Motor (W)	1.5	1.5
Fuse (A)	3.15	3.15
Sound Power Level dB (A)(SH/H/M/L)	53 / 49 / 45 / 39	55 / 49 / 45 / 39
Sound PRESSURE Level dB (A)(SH/H/M/L) ①	43 / 38 / 34 / 28	45 / 39 / 35 / 29
Uncrated Dimension (W/H/D) (inch)	31 1/9 x 10 5/6 x 7 7/8	33 1/4 x 11 3/8 x 8 2/9
Crated Dimension of Package (L/W/H) (inch)	34 x 10 2/3 x 14 4/9	36 1/4 x 11 x 15
Net Weight /Gross Weight (lbs)	19.8 / 24.2	23.1 / 28.7

Outdoor Unit	4TYK1609A10N0	4TYK1612A10N0
Compressor Type	Swing Rotary	Swing Rotary
Compressor Oil	DAPHNE FVC50K (PVE Oil)	DAPHNE FVC50K (PVE Oil)
L.R.A. (A)	16.5	16.5
Compressor RLA(A)	6.60	6.60
Compressor Power Input(W)	845	845
Throttling Method	Capillary	Capillary
Working Temp Range (°F)	0 ~ 115	0 ~ 115
Condenser	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube
Pipe Diameter (inch)	2/7	2/7
Row Fin Gap (inch)	1 - 1/18	2 - 1/18
Coil length (L) x depth (H) x coil width (W) (inch)	28 × 3/4 × 20	28 × 1 1/2 × 20
Fan Motor Speed (rpm)	820±20	820±20
Output of Fan Motor (W)	30	30
Fan Motor RLA (A)	0.37	0.37
Air Flow Volume of Outdoor Unit (CFM)	942	942
Fan Diameter (inch)	15 3/4	15 3/4
Defrosting Method	Automatic Defrosting	Automatic Defrosting
Sound Power Level dB (A)	62	63
Sound PRESSURE Level dB (A) ①	52	53
Uncrated Dimension (W/H/D) (inch)	30 5/9 x 21 1/4 x 12 3/5	30 5/9 x 21 1/4 x 12 3/5
Crated Dimension of Package (L/W/H) (inch)	33 1/2 x 14 2/7 x 23 3/7	33 1/2 x 14 2/7 x 23 3/7
Net Weight /Gross Weight (lbs)	66.2 / 71.7	70.6 / 76.1
Refrigerant Charge (oz)	24.7	30.0
MCA	9.0	9.0
MOP	15.0	15.0

Connection Pipe		
Gas additional charge(oz/ft)	0.2	0.2
Outer Diameter Liquid Pipe (inch)	1/4	1/4
Outer Diameter Gas Pipe (inch)	3/8	3/8
Max Height Distance (ft)	65	65
Max Length Distance (ft)	100	100

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

General Data

MODEL - Cooling Only	4MYW1618A10N0 / 4TYK1618A10N0	4MYW1624A10N0 / 4TYK1624A10N0
RATED Volts/PH	208 / 230 / 1	208 / 230 / 1
Frequency (Hz)	60Hz	60Hz
Rated Cooling Capacity (Btu/h):	18000	22000
Minimum Cooling Capacity (@95F) (Btu/h):	7100	8600
Maximum Cooling Capacity (@95F) (Btu/h):	20000	23200
Total Capacity (W) (High/Standard/Low):	5800 / 5200 / 2100	6600 / 6400 / 2500
Rated Power Input (W)	1800	2260
Nominal Input Current (A)	8.0	10.0
SEER	16.0	16.0
Air Flow Volume (CFM) (H/M/L)	470 / 400 / 340 / 280	700 / 640 / 580 / 520
Dehumidifying Volume (pt./h)	3.8	5.3
EER (@95F)	9.5	9.75

Indoor Unit	4MYW1618A10N0	4MYW1624A10N0
Fan Motor Speed (r/min) (SH/H/M/L)	1350 / 1200 / 1050 / 900	1250 / 1100 / 900 / 800
Fan Motor RLA(A)	0.30	0.32
Evaporator	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube
Pipe Diameter (inch)	2/7	2/7
Row Fin Gap (inch)	2 - 1/18	2 - 1/17
Coil length (L) x depth (D) x coil width (W) (inch)	28 1/7 × 1 × 12	33 1/4 × 1 × 13 1/2
Output of Swing Motor (W)	2.5	2.5
Fuse (A)	3.15	3.15
Sound Power Level dB (A)(SH/H/M/L)	56 / 52 / 49 / 45	58 / 54 / 50 / 46
Sound PRESSURE Level dB (A)(SH/H/M/L) ①	46 / 42 / 39 / 35	48 / 44 / 40 / 36
Uncrated Dimension (W/H/D) (inch)	38 1/5 x 11 4/5 x 8 5/6	42 4/9 x 12 4/5 x 9 2/3
Crated Dimension of Package (L/W/H) (inch)	41 x 15 x 12 3/5	45 1/5 x 16 1/4 x 13 7/9
Net Weight /Gross Weight (lbs)	29.8 / 36.4	37.5 / 45.2

Outdoor Unit	4TYK1618A10N0	4TYK1624A10N0
Compressor Type	Rotary	Rotary
Compressor Oil	RB68EP (POE Oil)	RB68EP (POE Oil)
L.R.A. (A)	16.5	25
Compressor RLA(A)	12.08	11.29
Compressor Power Input(W)	1440	1440
Throttling Method	Capillary	Capillary
Working Temp Range (°F)	0 ~ 115	0 ~ 115
Condenser	Aluminum Fin-Copper Tube	Aluminum Fin-Copper Tube
Pipe Diameter (inch)	2/7	3/8
Row Fin Gap (inch)	1 - 1/18	2 - 1/18
Coil length (L) x depth (D) x coil width (W) (inch)	34 5/7 × 6/7 × 26	33 1/3 × 1 3/4 × 26
Fan Motor Speed (rpm)	800	800
Output of Fan Motor (W)	60	60
Fan Motor RLA (A)	0.52	0.4
Air Flow Volume of Outdoor Unit (CFM)	1883	1883
Fan Diameter (inch)	20 1/2	20 1/2
Defrosting Method	Automatic Defrosting	Automatic Defrosting
Sound Power Level dB (A)	66	69
Sound PRESSURE Level dB (A) ①	56	59
Uncrated Dimension (W/H/D) (inch)	37 3/5 x 27 5/9 x 15 3/5	37 3/5 x 27 5/9 x 15 3/5
Crated Dimension of Package (L/W/H) (inch)	40 1/2 x 18 x 29 1/2	40 1/2 x 18 x 29 1/2
Net Weight /Gross Weight (lbs)	90.4 / 100.3	103.6 / 113.6
Refrigerant Charge (oz)	35.3	56.45
MCA	16.0	15.0
MOP	25.0	25.0

Connection Pipe		
Gas additional charge(oz/ft)	0.2	0.2
Outer Diameter Liquid Pipe (inch)	1/4	1/4
Outer Diameter Gas Pipe (inch)	1/2	5/8
Max Height Distance (ft)	65	65
Max Length Distance (ft)	130	130

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

General Data

MODEL - Heat Pump Only	4MXW1609A10N0 / 4TXK1609A10N0		4MXW1612A10N0 / 4TXK1612A10N0	
	Cooling	Heating	Cooling	Heating
RATED Volts/PH	208 / 230 / 1		208 / 230 / 1	
Frequency (Hz)	60Hz		60Hz	
Rated Cooling / Heating Capacity (Btu/h):	9000	9500	12000	13000
Minimum Cooling Capacity (@95F) (Btu/h):	3100	-	3700	-
Maximum Cooling Capacity (@95F) (Btu/h):	9600	-	12500	-
Minimum Heating Capacity (@47F) (Btu/h):	-	3100	-	3900
Maximum Heating Capacity (@47F) (Btu/h):	-	12000	-	14000
Maximum Heating Capacity (@17F) (Btu/h):	-	5600	-	8100
Total Capacity (W) (High/Standard/Low):	2800 / 2600 / 900	3500 / 2700 / 900	3600 / 3500 / 1100	4100 / 3800 / 1100
Rated Power Input (W)	900	800	1300	1250
Nominal Input Current (A)	4.0	3.6	5.8	5.6
SEER / HSPF	16.00	9.0	16.00	9.0
Air Flow Volume (CFM) (H/M/L)	310 / 280 / 240 / 170		390 / 310 / 250 / 190	
Dehumidifying Volume (pt./h)	1.69		2.96	
EER (@95F)	10.0	11.9	9.25	10.4

Indoor Unit	4MXW1609A10N0		4MXW1612A10N0	
Fan Motor Speed (r/min) (SH/H/M/L)	1350 / 1200 / 1050 / 750	1350 / 1200 / 1050 / 850	1350 / 1200 / 1000 / 800	1350 / 1200 / 1000 / 900
Fan Motor RLA(A)	0.20		0.31	
Evaporator	Aluminum Fin-Copper Tube		Aluminum Fin-Copper Tube	
Pipe Diameter (inch)	1/5		1/5	
Row Fin Gap (inch)	2 - 1/18		2 - 1/18	
Coil length (L) x depth (D) x coil width (W) (inch)	23 × 7/8 × 10 1/2		25 × 7/8 × 12 1/16	
Output of Swing Motor (W)	1.5		1.5	
Fuse (A)	3.15		3.15	
Sound Power Level dB (A)(SH/H/M/L)	53 / 49 / 45 / 39		55 / 49 / 45 / 39	
Sound PRESSURE Level dB (A)(SH/H/M/L) ①	43 / 38 / 34 / 28		45 / 39 / 35 / 29	
Uncrated Dimension (W/H/D) (inch)	31 1/9 x 10 5/6 x 7 7/8		33 1/4 x 11 3/8 x 8 2/9	
Crated Dimension of Package (L/W/H) (inch)	34 x 10 2/3 x 14 4/9		36 1/4 x 11 x 15	
Net Weight /Gross Weight (lbs)	19.8 / 24.2		23.2 / 28.7	

Outdoor Unit	4TXK1609A10N0		4TXK1612A10N0	
Compressor Type	Swing Rotary		Swing Rotary	
Compressor Oil	DAPHNE FVC50K (PVE Oil)		DAPHNE FVC50K (PVE Oil)	
L.R.A. (A)	16.50		16.50	
Compressor RLA(A)	6.60		6.60	
Compressor Power Input(W)	845		845	
Throttling Method	Capillary		Capillary	
Working Temp Range (°F)	0 ~ 115	-4 ~ 75	0 ~ 115	-4 ~ 75
Condenser	Aluminum Fin-Copper Tube		Aluminum Fin-Copper Tube	
Pipe Diameter (inch)	2/7		2/7	
Row Fin Gap (inch)	1 - 1/18		2 - 1/18	
Coil length (l) x depth (D) x coil width (W) (inch)	28 × 3/4 × 20		28 × 1 1/2 × 20	
Fan Motor Speed (rpm)	820±20		820±20	
Output of Fan Motor (W)	30		30	
Fan Motor RLA (A)	0.37		0.37	
Air Flow Volume of Outdoor Unit (CFM)	942		942	
Fan Diameter (inch)	15 3/4		15 3/4	
Defrosting Method	Automatic Defrosting		Automatic Defrosting	
Sound Power Level dB (A)	62		63	
Sound PRESSURE Level dB (A) ①	52		53	
Uncrated Dimension (W/H/D) (inch)	30 5/9 x 21 1/4 x 12 3/5		30 5/9 x 21 1/4 x 12 3/5	
Crated Dimension of Package (W/L/H) (inch)	33 1/2 x 14 2/7 x 23 3/7		33 1/2 x 14 2/7 x 23 3/7	
Net Weight /Gross Weight (lbs)	65.0 / 70.6		69.5 / 75.0	
Refrigerant Charge (oz)	24.7		30.0	
MCA	9.0		9.0	
MOP	15.0		15.0	

Connection Pipe		
Gas additional charge(oz/ft)	0.2	0.2
Outer Diameter Liquid Pipe (inch)	1/4	1/4
Outer Diameter Gas Pipe (inch)	3/8	3/8
Max Height Distance (ft)	65	65
Max Length Distance (ft)	100	100

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

General Data

MODEL - Heat Pump Only	4MXW1618A10N0 / 4TXK1618A10N0		4MXW1624A10N0 / 4TXK1624A10N0	
	Cooling	Heating	Cooling	Heating
RATED Volts/PH	208 / 230 / 1		208 / 230 / 1	
Frequency (Hz)	60Hz		60Hz	
Rated Cooling / Heating Capacity (Btu/h):	18000	19000	22000	23000
Minimum Cooling Capacity (@95F) (Btu/h):	7100	-	8600	-
Maximum Cooling Capacity (@95F) (Btu/h):	20000	-	23200	-
Minimum Heating Capacity (@47F) (Btu/h):	-	7300	-	8600
Maximum Heating Capacity (@47F) (Btu/h):	-	23400	-	26000
Maximum Heating Capacity (@17F) (Btu/h):	-	12000	-	13500
Total Capacity (W) (High/Standard/Low):	5800 / 5200 / 2100	6800 / 5500 / 2100	6800 / 6400 / 2500	7600 / 6600 / 2500
Rated Power Input (W)	1920	2000	2260	2300
Nominal Input Current (A)	8.5	8.9	10.0	10.2
SEER / HSPF	16.0	9.0	16.0	9.0
Air Flow Volume (CFM) (H/M/L)	470 / 400 / 340 / 280		700 / 640 / 580 / 520	
Dehumidifying Volume (pt./h)	3.8		5.3	
EER / COP (@95F)	9.0	9.5	9.8	10.0

Indoor Unit	4MXW1618A10N0		4MXW1624A10N0	
Fan Motor Speed (r/min) (SH/H/M/L)	1350 / 1200 / 1050 / 900	1300 / 1200 / 1100 / 900	1250 / 1100 / 900 / 800	1150 / 1000 / 900 / 850
Fan Motor RLA(A)	0.30		0.32	
Evaporator	Aluminum Fin-Copper Tube		Aluminum Fin-Copper Tube	
Pipe Diameter (inch)	2/7		2/7	
Row Fin Gap (inch)	2 - 1/18		2 - 1/17	
Coil length (L) x depth (D) x coil width (W) (inch)	28 1/7 × 1 × 12		33 1/4 × 1 × 13 1/2	
Output of Swing Motor (W)	2.5		2.5	
Fuse (A)	3.15		3.15	
Sound Power Level dB (A)(SH/H/M/L)	56 / 52 / 49 / 45		58 / 54 / 50 / 46	
Sound PRESSURE Level dB (A)(SH/H/M/L) ①	46 / 42 / 39 / 35		48 / 44 / 40 / 36	
Uncrated Dimension (W/H/D) (inch)	38 1/5 x 11 4/5 x 8 5/6		42 4/9 x 12 4/5 x 9 2/3	
Crated Dimension of Package (L/W/H) (inch)	41 x 15 x 12 3/5		45 1/5 x 16 1/4 x 13 7/9	
Net Weight /Gross Weight (lbs)	29.8 / 36.4		37.5 / 45.2	

Outdoor Unit	4TXK1618A10N0		4TXK1624A10N0	
Compressor Type	Rotary		Rotary	
Compressor Oil	RB68EB (POE Oil)		RB68EB (POE Oil)	
L.R.A. (A)	16.5		25.0	
Compressor RLA(A)	12.08		12.18	
Compressor Power Input(W)	1440		1440	
Throttling Method	Capillary		Capillary	
Working Temp Range (°F)	0 ~ 115	-4 ~ 75	0 ~ 115	-4 ~ 75
Condenser	Aluminum Fin-Copper Tube		Aluminum Fin-Copper Tube	
Pipe Diameter (inch)	3/8		3/8	
Row Fin Gap (inch)	1 - 1/18		2 - 1/18	
Coil length (L) x depth (D) x coil width (W) (inch)	33 5/8 × 6/7 × 26		33 1/3 × 1 3/4 × 26	
Fan Motor Speed (rpm)	800		800	
Output of Fan Motor (W)	60		60	
Fan Motor RLA (A)	0.52		0.40	
Air Flow Volume of Outdoor Unit (CFM)	1883		1883	
Fan Diameter (inch)	20.5		20.5	
Defrosting Method	Automatic Defrosting		Automatic Defrosting	
Sound Power Level dB (A)	66		69	
Sound PRESSURE Level dB (A) ①	56		59	
Uncrated Dimension (W/H/D) (inch)	37 3/5 x 27 5/9 x 15 3/5		37 3/5 x 27 5/9 x 15 3/5	
Crated Dimension of Package (L/W/H) (inch)	40 1/2 x 18 x 29 1/2		40 1/2 x 18 x 29 1/2	
Net Weight /Gross Weight (lbs)	95.9 / 105.8		110.3 / 120.2	
Refrigerant Charge (oz)	49.4		65.3	
MCA	16.0		16.0	
MOP	25.0		25.0	

Connection Pipe		
Gas additional charge(oz/ft)	0.2	0.5
Outer Diameter Liquid Pipe (inch)	1/4	1/4
Outer Diameter Gas Pipe (inch)	1/2	5/8
Max Height Distance (ft)	65	65
Max Length Distance (ft)	130	130

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

Performance Data

4TXK1609A10N/4MXW1609A10N and 4TYK1609A10N/4MYW1609A10N - Cooling Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature (Dry Bulb/Wet Bulb)									
	68/57°F		73/61°F		79/64°F		80/67°F		82/68°F	
	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC	TC	SHC
0	5500	4300	5800	4600	6200	4900	6600	5200	6700	5200
10	5700	4500	6000	4700	6400	5000	6800	5300	6900	5400
20	6000	4700	6400	5000	6800	5400	7300	5700	7400	5800
30	7100	5600	7700	6000	8200	6400	8400	6600	8500	6700
40	8300	6500	8900	6900	9200	7200	9500	7400	9600	7500
50	8300	6500	8900	6900	9200	7200	9500	7400	9600	7500
60	8100	6400	8700	6800	9000	7100	9400	7400	9500	7400
70	7900	6200	8400	6600	8900	6900	9200	7200	9300	7300
80	7600	6000	8100	6400	8600	6800	8900	7000	9000	7000
90	7400	5800	7900	6200	8500	6600	8800	6900	8800	6900
100	7200	5600	7700	6000	8300	6400	8600	6700	8600	6800
110	6900	5400	7400	5800	7900	6200	8300	6500	8400	6600
120	6600	5100	7100	5500	7600	5900	8000	6200	8100	6300
122	6600	5100	7000	5500	7500	5900	7900	6200	8000	6200

*Total Capacity **Sensible Heat Capacity

4TXK1609A10N/4MXW1609A10N - Heating Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature			
	68°F	73°F	80°F	86°F
	TC*	TC	TC	TC
-4	4800	4800	4700	4600
0	5200	5200	5100	5000
5	5500	5500	5400	5300
10	5800	5700	5600	5500
15	5900	5900	5800	5700
20	6200	6100	6000	5900
25	6800	6800	6700	6600
30	7300	7300	7200	7100
35	7800	7800	7700	7600
40	8300	8300	8200	8100
45	9100	9000	8900	8700
50	9500	9400	9300	9100
55	9600	9500	9400	9200
60	9800	9700	9500	9300
65	10000	9900	9700	9500
70	10200	10100	9900	9700
75	10300	10200	10000	9800

*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

4TXK1612A10N/4MXW1612A10N and 4TYK1612A10N/4MYW1612A10N - Cooling Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature (Dry Bulb/Wet Bulb)									
	68/57°F		73/61°F		79/64°F		80/67°F		82/68°F	
	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC	TC	SHC
0	7200	5600	7600	6000	8100	6400	8600	6700	8700	6800
10	7600	5900	8000	6300	8500	6700	9100	7100	9500	7400
20	8000	6300	8500	6600	9100	7100	9700	7700	10100	8000
30	9500	7500	10200	8000	10900	8500	11200	8800	11700	9200
40	11100	8700	11800	9300	12300	9600	12700	9900	13200	10300
50	11100	8700	11800	9300	12300	9600	12700	9900	13200	10300
60	10800	8500	11500	9000	12100	9500	12500	9800	13100	10200
70	10500	8300	11200	8800	11800	9300	12300	9600	12800	10000
80	10200	8000	10900	8500	11500	9000	12000	9400	12500	9700
90	9900	7700	10600	8300	11300	8800	11700	9200	12100	9500
100	9600	7500	10300	8100	11000	8600	11500	9000	11900	9300
110	9200	7200	9900	7700	10600	8300	11100	8700	11600	9000
120	8800	6900	9500	7400	10200	8000	10600	8400	11100	8700
122	8800	6900	9400	7300	10100	7900	10500	8300	11000	8600

*Total Capacity **Sensible Heat Capacity

4TXK1612A10N/4MXW1612A10N - Heating Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature			
	68°F	73°F	80°F	86°F
	TC*	TC	TC	TC
-4	6600	6600	6500	6300
0	7200	7100	7000	6900
5	7500	7400	7300	7200
10	7900	7800	7700	7600
15	8100	8100	7900	7800
20	8500	8400	8300	8100
25	9300	9300	9100	9000
30	10000	10000	9800	9700
35	10700	10600	10500	10300
40	11500	11400	11200	11100
45	12400	12300	12200	11900
50	13000	12900	12700	12400
55	13200	13000	12800	12600
60	13500	13300	13100	12800
65	13700	13600	13300	13100
70	13900	13800	13500	13300
75	14100	14000	13700	13500
78	14300	14100	13900	13600

*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

4TXK1618A10N/4MXW1618A10N and 4TYK1618A10N/4MYW1618A10N - Cooling Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature (Dry Bulb/Wet Bulb)									
	68/57°F		73/61°F		79/64°F		80/67°F		82/68°F	
	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC	TC	SHC
0	9100	7000	9600	7400	10300	7900	10900	8400	11300	8700
10	10700	8400	11300	8900	12100	9500	12900	10000	13200	10300
20	12100	9500	13000	10200	13800	10800	14800	11600	15200	11900
30	12900	10100	13800	10800	14700	11500	15900	12400	16300	12700
40	13400	10600	14300	11300	15300	12000	16500	12900	17000	13200
50	14000	11000	15000	11700	16000	12500	17200	13500	17700	13800
60	15400	12100	16500	13000	17500	13700	18000	14200	18600	14500
70	17200	13500	18300	14400	19000	14900	19600	15400	20200	15700
80	16700	13200	17800	14000	18600	14600	19200	15100	19800	15400
90	15800	12400	16600	13000	17800	14000	18500	14500	19000	14800
100	14900	11700	15300	12000	16600	13400	17300	13900	17800	13800
110	14100	11000	14600	11400	15400	12700	15900	13300	16300	12700
120	13600	10600	14800	11600	14700	12200	15200	12800	15600	12200
122	13500	10500	14900	11700	14600	12100	15100	12700	15500	12100
*Total Capacity **Sensible Heat Capacity										

4TXK1618A10N/4MXW1618A10N - Heating Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature			
	68°F	73°F	80°F	86°F
	TC*	TC	TC	TC
-4	9900	9700	9500	9400
0	10700	10500	10300	10200
5	11200	11000	10800	10700
10	11800	11600	11400	11200
15	12100	11900	11700	11500
20	12700	12500	12200	12100
25	14000	13800	13500	13400
30	15000	14800	14500	14300
35	16000	15800	15500	15300
40	17100	16900	16500	16400
45	18500	18200	17900	17700
50	19400	19000	18700	18500
55	19600	19300	18900	18700
60	20000	19700	19300	19100
65	20300	20100	19700	19500
70	20600	20400	20000	19800
75	21000	20600	20200	20000
78	21200	20800	20400	20200
*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

4TXK1624A10N/4MXW1624A10N and 4TYK1624A10N/4MYW1624A10N - Cooling Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature (Dry Bulb/Wet Bulb)									
	68/57°F		73/61°F		79/64°F		80/67°F		82/68°F	
	TC*	SHC**	TC	SHC	TC	SHC	TC	SHC	TC	SHC
0	10500	8200	11100	8700	11900	9300	12500	9800	12900	10100
10	13100	10200	13800	10800	14700	11500	15600	12200	16000	12500
20	14800	11600	15800	12300	16800	13200	17900	14100	18500	14400
30	15700	12300	16800	13100	17800	14000	19100	15100	19700	15400
40	16300	12800	17400	13600	18600	14500	19900	15600	20500	16000
50	17000	13300	18200	14200	19400	15200	20800	16300	21400	16700
60	18700	14700	20000	15700	21200	16700	21800	17100	22400	17600
70	20800	16400	22200	17400	22500	18100	23600	18600	24400	19100
80	20300	15900	21600	16900	21200	17700	23200	18200	24000	18700
90	19200	15000	20000	15700	21600	16900	22400	17500	23100	18000
100	18100	14200	18500	14500	20100	16200	20900	16800	21500	16800
110	17100	13400	17600	13800	18700	15400	19200	16100	19800	15500
120	16400	12900	17900	14100	17900	14800	18400	15500	18900	14800
122	16300	12800	18100	14200	17700	14700	18300	15400	18800	14700
*Total Capacity **Sensible Heat Capacity										

4TXK1624A10N/4MXW1624A10N - Heating Mode Performance Data

Outdoor Ambient Air Temperature (°F)	Indoor Entering Air Temperature			
	68°F	73°F	80°F	86°F
	TC*	TC	TC	TC
-4	11400	11200	11000	10800
0	12300	12100	11900	11800
5	12900	12700	12400	12300
10	13600	13300	13100	12900
15	13900	13600	13400	13200
20	14500	14300	14000	13900
25	16000	15800	15500	15300
30	17200	17000	16700	16500
35	18400	18200	17800	17600
40	19600	19400	19000	18800
45	21300	20900	20500	20300
50	22300	21900	21300	21100
55	22500	22100	21600	21400
60	22900	22500	22100	21900
65	23500	23100	22500	22300
70	23800	23400	22800	22600
75	24200	23600	23200	23000
78	24400	23800	23400	23200
*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

Mini-Split Outdoor Unit

General

This unit is fully charged from the factory for up to 25 feet of piping. This unit is designed to operate at outdoor ambient temperatures as high as 115°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. Other features include: centrifugal oil pump and low vibration and noise.

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 as low as 0° F.

Mini-Split Indoor High Wall

General

The High Wall mounted type air handler shall be completely factory assembled including coil, condensate drain pan, fan motor, washable filter, air purifying filter and electric controls to be used with a wireless remote controller. Unit shall be shipped with a unit mounting plate. Unit shall be matched with an American Standard outdoor unit, rated and tested in accordance with AHRI standard. Unit shall be ETL listed.

Unit Casing

Casing shall be provided with knockouts on the right, and left of the unit to facilitate piping and electrical connection on either side of the unit. An electrical service cover shall be provided to permit easy access to the electrical terminal strip.

Discharge Airflow and Distribution System

Unit shall have auto swing, dual horizontal blades to optimize the aperture outlet for vertical airflow and air distribution. Blade shall close automatically when the air conditioner is turned off to minimize dust entering the unit. Five-Step preset program on the remote controller shall be available to control the blade angle.

Manually adjusted wide-angle louvers shall be provided to adjust the coverage and direction of airflow.

Controls

Units shall have the capability to be controlled remotely through wall-mounted wired options as well as a wireless remote option.

Remote Controller

The unit shall have a wireless infrared remote controller with easy reading digital display panel to start, stop and regulate the air conditioner from a distance.

The wireless controller is available for all units. **(Sold separately)**

Healthy Filters

The unit shall have an active carbon and catechin filter with the unit.The filters need to be cleaned at least once a year.

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