TRANE®

MITSUBISHI ELECTRIC

Nv-SERIES CATALOG

ZONED COMFORT SOLUTIONS®

QUALITY

We are consistently recognized by HVAC contractors as the #1 preferred brand with the highest quality rating among manufacturers. Our products provide extraordinary service life, extending years beyond the norm, and have the lowest failure rate in the industry.

PERFORMANCE

We deliver a complete range of compact and powerful cooling and heating products that are also intelligent, energy efficient and quiet. And you can control it all with the kumo cloud® app.

PROFESSIONAL INSTALLATION

The best products on the market wouldn't mean much without a trusted base of Trane Ductless Pro Dealers. When you're ready to learn more about our solutions, find one of our Trane Ductless Pros at www.trane.com/residential/en/dealer-locator.

THE PERSONALIZED COMFORT SOLUTION

We bring unmatched energy efficiency, performance and control to home cooling and heating. It's never been easier to keep everyone in your house comfortable, without spending a fortune on your energy bills. Our solutions are perfect for any situation, from a room or space that is uncomfortable to a whole-home renovation. These systems provide you with more control over the temperatures within your home.

- Up to 40% more efficient than central air
- Up to 8 individual zones with an NTXM multi-zone system
- Improves air quality, reducing dust, mold and allergens
- Quieter than a human whisper
- Remote control technology via kumo cloud® app or other smart home–connected devices
- The #1 selling zoned brand
- Professional installation
- Financing available

Learn more about multi-zone and single-zone products in the sections that follow.

THE FUTURE OF COMFORT TECHNOLOGY

Whether it's for that always-stuffy sun room or the entire home, we are the perfect fit.

FEATURES	BENEFITS
INVERTER-DRIVEN COMPRESSORS	Maximizes energy savings by using only the energy needed to perfectly cool or heat an area
EASY INSTALLATION	Installs quickly and easily, without the need for major construction and remodeling
COMPLETE ZONE CONTROL	Realizes maximum control and energy efficiency by cooling and heating only those spaces in use
PERSONAL COMFORT CONTROL	Complete comfort control of temperature, fan speed, and air direction in each room or zone via kumo cloud® or other smart home devices
CLEANER AIR WITH WASHABLE ANTI-ALLERGEN FILTERS	Improves air quality and saves money
PRO-HEAT INVERTER® HEAT PUMPS	Provides instant warmth even in extreme climates (down to -13° F)
ULTIMATE ENERGY EFFICIENCY	With higher SEER and HSPF ratings

ENERGY-EFFICIENT AND ENVIRONMENTALLY FRIENDLY

Do you want to live in constant comfort or maintain a reasonable energy bill? You don't have to choose. Don't sacrifice comfort over worries about high energy costs.

- INVERTER-driven compressor technology results in substantial energy and utility savings
- Zoned control for improved comfort and decreased energy usage
- Many ENERGY STAR® certified systems
- SEER ratings as high as 33.1—dramatically better than conventional systems
- Local and state utility rebates and incentive opportunities
- 83% of system components are recyclable
- Washable filters made from natural materials

SAVINGS OPPORTUNITIES

Our products are so energy efficient that a majority of our INVERTER-driven systems have received ENERGY STAR® certification. This can mean big savings! Add in local government and utility rebates, and you have an opportunity to enjoy comfort at substantial savings. These rebates come in many forms, from property and sales tax exemptions to loans and grants. There are thousands of such programs in the U.S., but they are often not widely promoted or publicized.

ENERGY STAR® CERTIFIED SYSTEMS

RESIDENTIAL AIR CONDITIONER					
AHRI Reference #	Outdoor	Indoor	EER	SEER	HSPF
202373812	NTYSST09A112A	NTYWST09A112A	15.40	24.60	N/A
202373814	NTYSST12A112A	NTYWST12A112A	13.00	23.10	N/A
202373816	NTYSST15A112A	NTYWST15A112A	13.00	21.60	N/A
202373818	NTYSST18A112A	NTYWST18A112A	13.40	20.50	N/A
202373820	NTYSST24A112A	NTYWST24A112A	12.5	20.5	N/A

ENERGY STAR® CERTIFIED SYSTEMS

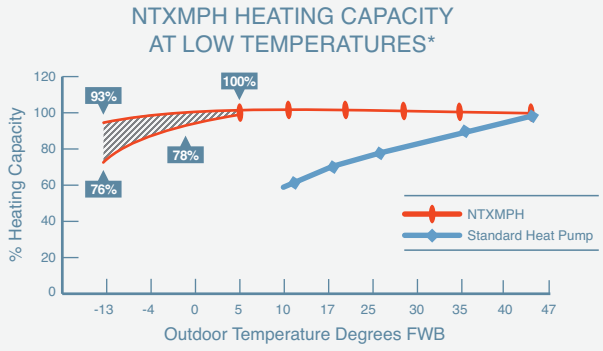
RESIDENTIAL HEAT PUMP					
AHRI Reference #	Outdoor	Indoor	EER	SEER	HSPF
202373716	NTXSPF09A112A	NTXFKS09A112A	15.80	28.20	13.00
202373717	NTXSPF12A112A	NTXFKS12A112A	13.60	25.50	12.00
202373718	NTXSPF15A112A	NTXFKS15A112A	13.50	21.80	11.60
202373719	NTXSPF18A112A	NTXFKS18A112A	12.60	21.00	11.30
202373722	NTXSPH06A112A	NTXWPH06A112A	19.10	33.10	13.50
202373723	NTXSPB06A112A	NTXWPH06A112A	19	33.10	12.50
202373724	NTXSPH09A112A	NTXWPH09A112A	16.10	30.50	13.50
202373725	NTXSPB09A112A	NTXWPH09A112A	16.10	30.50	12.50
202373726	NTXWPH12A112A	NTXWPH12A112A	13.80	26.10	12.50
202373727	NTXSPB12A112A	NTXWPH12A112A	13.80	26.10	11.50
202373728	NTXSPH15A112A	NTXWPH15A112A	12.50	22.00	12.00
202373729	NTXSPB15A112A	NTXWPH15A112A	12.50	22.00	11.00
202373730	NTXSPH18A112A	NTXWPH18A112A	12.50	21.00	12.00
202373731	NTXSPB18A112A	NTXWPH18A112A	12.50	21.00	11.00
202373732	NTXSST09A112A	NTXWST06A112A	15.40	24.60	12.80
202373733	NTXSST12A112A	NTXWST12A112A	13.00	23.10	12.50
202373734	NTXSST15A112A	NTXWST15A112A	13.00	21.60	11.70
202373735	NTXSST18A112A	NTXWST18A112A	13.40	20.50	11.20
202373736	NTXSST24A112A	NTXWST24A112A	12.50	20.50	10.00
202373742	NTXMMX20A122A	Non-ducted Indoor Units	12.70	20.00	10.00
202373743	NTXMPH20A122A	Non-ducted Indoor Units	13.50	17.00	9.80
202354899	NTXMMX24A132A	Non-ducted Indoor Units	13.60	20.00	9.80
202354905	NTXMPH24A132A	Non-ducted Indoor Units	13.50	19.00	10.00
202354905	NTXMPH30A132A	Non-ducted Indoor Units	12.50	18.00	11.00
202354907	NTXMPH36A142A	Non-ducted Indoor Units	14.00	19.10	11.30
202354909	NTXMPH36A142A	Mixed Ducted and Non-ducted Indoor Units	12.65	17.45	10.70
202373745	NTXMPH42A152A	Non-ducted Indoor Units	13.40	19.00	11.00
202373748	NTXMMX60A182A	Non-ducted Indoor Units	12.5	17.4	10.5
202392209	NTXSKS09A112A	NTXUKS09A112A	12.60	19.50	13.30
202392213	NTXSKS09A112A	NTXCKS09A112A	13.40	22.40	12.20
202392207	NTXSKS09A112A	NTXDKS09A112A	12.80	18.80	11.00
202392211	NTXSKS09A112A	PEAD-A09AA7	12.50	19.70	12.60
202392219	NTXSKS12A112A	NTXUKS12A112A	12.50	19.80	12.10
202392223	NTXSKS12A112A	NTXAMT12A112A	12.70	18.00	12.10
202392221	NTXSKS12A112A	NTXCKS12A112A	13.30	22.00	11.40
202392217	NTXSKS12A112A	NTXDKS12A112A	12.90	20.50	12.40
202392215	NTXSKS12A112A	PEAD-A12AA7	12.90	20.50	13.00
202392225	NTXSKS15A112A	NTXDKS15A112A	13.00	19.00	11.40
202392227	NTXSKS15A112A	PEAD-A15AA7	13.00	19.20	11.60
202392233	NTXSKS18A112A	NTXUKS18A112A	12.50	22.30	12.40
202392239	NTXSKS18A112A	NTXAMT18A112A	13.20	18.00	12.60
202392237	NTXSKS18A112A	NTXCKS18A112A	12.50	20.70	11.60
202392231	NTXSKS18A112A	NTXDKS18A112A	13.70	22.00	13.10
202392235	NTXSKS18A112A	PEAD-A18AA7	14.10	19.80	12.90
202392243	NTXSKS24A112A	NTXAMT24A112A	12.50	18.00	10.40
202392241	NTXSKS24A112A	PEAD-A24AA7	12.50	18.00	11.20
202392247	NTXSKS30A112A	NTXAMT30A112A	12.50	18.00	13.60
202392245	NTXSKS30A112A	PEAD-A30AA7	12.50	18.00	12.60

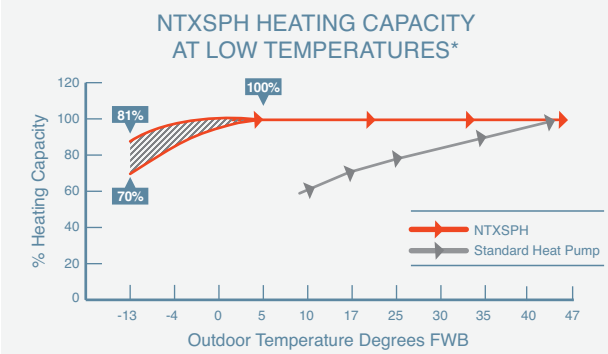
Note: List is current as of this printing.

ENERGY STAR® MOST EFFICIENT 2018 (with kumo cloud® controller)

HEAT…AND LOTS OF IT

Pro-Heat INVERTER systems feature the most advanced heat pump technology for delivering exceptional heating performance. Single-zone and multi-zone systems give you year-round comfort control of one room to every room of the home.





*Includes correction for defrost.
NOTE: *Low ambient temperature conditions may require base pan heater (NTXWST and NTXWPH 1:1 systems)*

POWERFUL HEAT PUMP

Stay warm even when it's -13˚ F outdoors. Our units produce up to 100% heating capacity down to 5° F.

YEAR-ROUND COMFORT

When the weather breaks, you'll rest easy knowing that your heating technology is also the most efficient A/C on the market.

HOT-START TECHNOLOGY

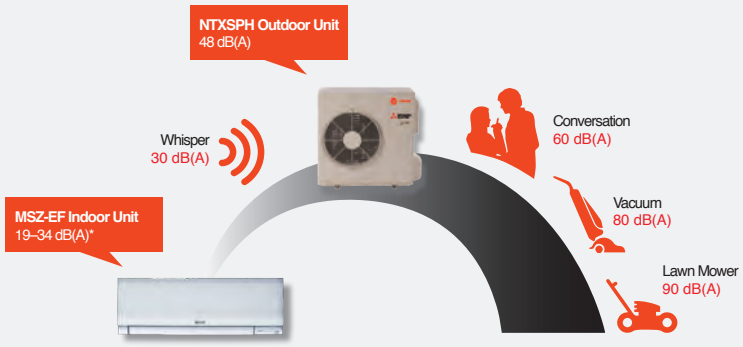
Warm your desired comfort zone more quickly, fighting drafts and cold winters.

MINIMAL MAINTENANCE

Thanks to easily accessible filters, little or no ductwork to clean, and simple wiring between the indoor and outdoor units, you'll spend more time enjoying the technology, not fixing it.

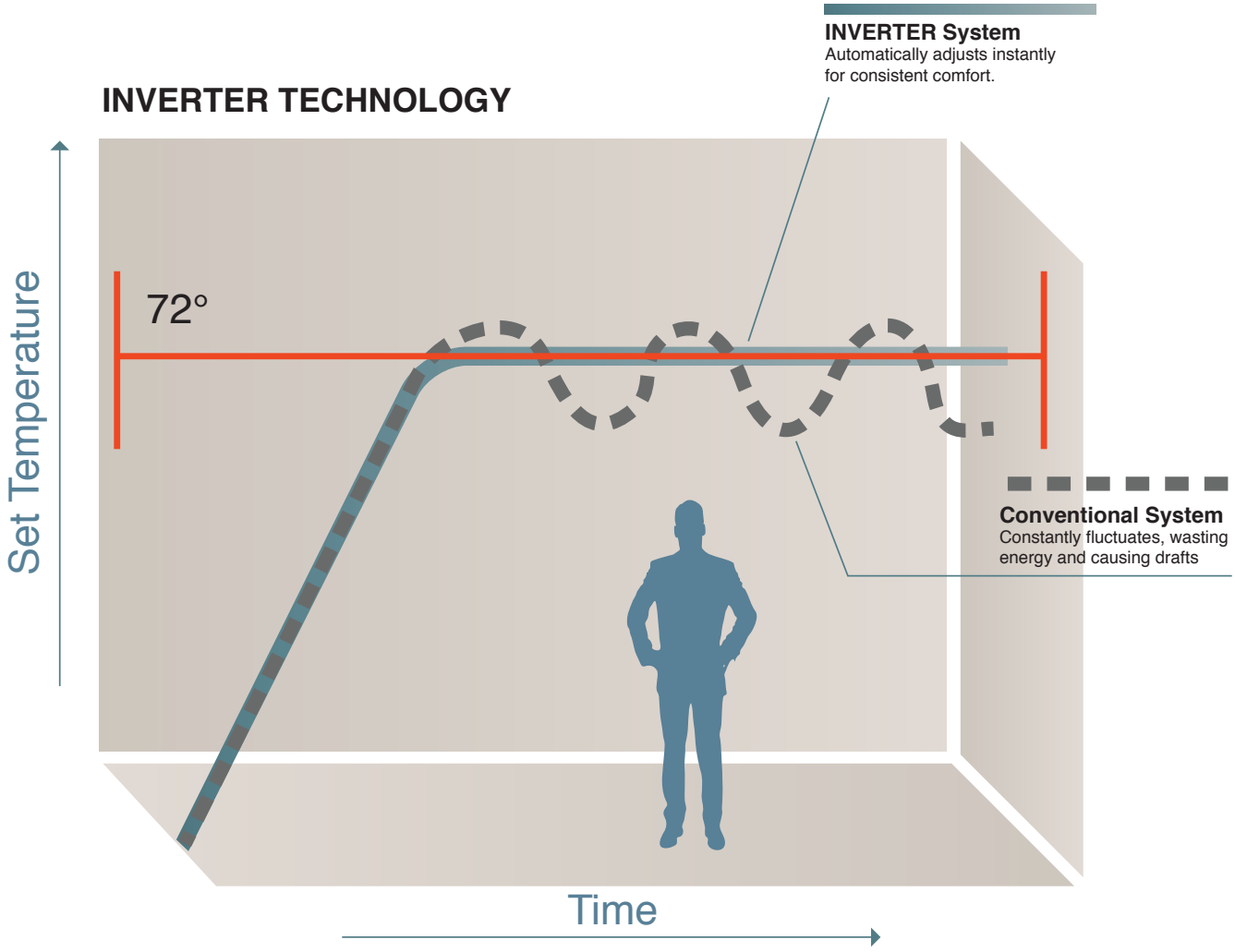
QUIETER THAN A HUMAN WHISPER

Do you hear that? No? Our products operate at low sound levels. Our indoor units produce decibels barely at the level of a whisper. Compare to other common sounds:



SOURCE: NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH

**SMALLEST TO LARGEST CAPACITY INDOOR UNIT AT LOW SPEED*



INVERTER

Sophisticated, electronic control systems detect any change in zone temperature and—like a car's cruise control—automatically adjust the speed of the outdoor unit's INVERTER-driven compressor for precise capacity and temperature control. That means you get the temperature you want, all the time.

BREATHE EASY

Many of our products have a sophisticated multi-part filtration system to reduce contaminants such as allergens, viruses and bacteria from the air. This combination of filters provides a healthier breathing environment for the home.

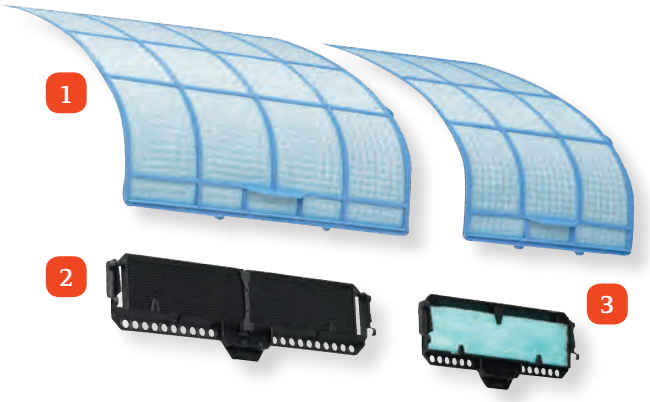
1 NANO PLATINUM FILTER

- Ceramic and platinum nanoparticles are incorporated into the filter material to provide antibacterial and deodorizing characteristics to improve air quality

2 DEODORIZING FILTER

Available on select systems, Platinum Deodorizing filters use nanotechnology to absorb odors to neutralize the worst smells.

- Periodic cleaning, following the recommended procedures, will maintain filter effectiveness



3 ELECTROSTATIC ANTI-ALLERGEN ENZYME FILTER. AVAILABLE ON NTXWPH

- Reduces germs, bacteria and viruses
- Helps trap dust, pollens, mites and other particles
- Utilizes an enzyme catalyst to help break down the sulfur atom bonds in allergen proteins, transforming them into non-allergen proteins, which effectively clean the air (filter should be cleaned regularly to maintain effectiveness)

SMART COMFORT TECHNOLOGY

All Nv-Series systems detect room temperature fluctuations and automatically adjust performance for ultimate comfort in any room.

- All indoor models feature a return air sensor that constantly monitors and maintains room temperature
- Continuous fan operation ensures temperature consistency
- Auto changeover feature automatically switches between cooling and heating modes as needed to maintain a consistent temperature—just set it and forget it (NTXSST/NTXSPH(B)/NTXSMT/NTXWEL and NTXSKS outdoor units)
- Seven horizontal airflow directions provide 150° of lateral airflow for greater conditioned air circulation (wide vane or swing mode, available on the NTXWST/NTYWST24 and NTXWST/NTYWST30/36

CONSTANT COMFORT WITH 3D I-SEE SENSOR™

Wouldn't it be nice if you had cooling and heating right when you needed it? For select units, the 3D i-see Sensor measures the floor temperature in real time, observing the room vertically for better management of sensible temperature (temperature felt by the occupant). The 3D i-see Sensor measures the infrared rays generated from the surrounding wall and floor surface at an angle of 360°. The infrared ray energy is converted into a temperature value. The 3D i-see Sensor slowly rotates 90° in five-second intervals for correct measurement of temperature to cover the full floor space. When combined with the auto fan speed mode, air can be directed to the farthest corners of the room for enhanced temperature coverage.

- Measures infrared radiation generated from surrounding walls and surface angles
- Efficiently adjusts temperatures to ideal comfort levels for occupants

MULTI-FLOW VANE FOR FASTER HEATING

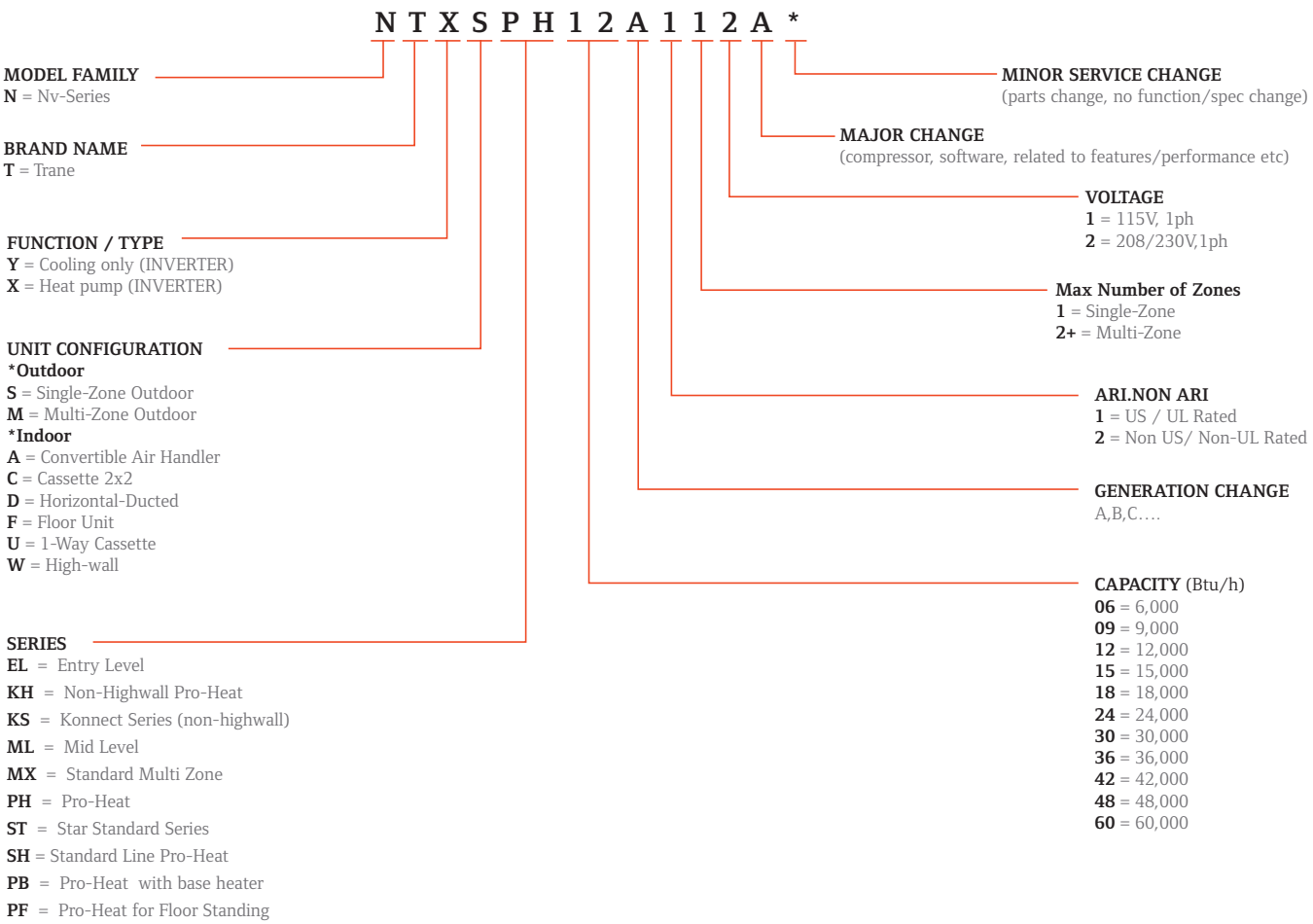
The KS Series floor models offer multi-flow vane to discharge warmed air into the return vent where it is recirculated through the heat exchanger. The rapidly heated air is then released into the room through the top portion of the multi-flow vane. This process significantly reduces the time needed to heat the room, ensuring superior warmth and comfort.

UNDERSTANDING YOUR MODEL NUMBER

The tables below will help you understand our model naming system so that you and your contractor can make the right product selection for your personal need.

Nv-SERIES

1. Designed for residential applications.
2. User-friendly, zoned cooling and heating solutions for single- or multi-room applications or the whole home
3. Pro-Heat INVERTER outdoor units can provide high heating performance at lower ambient temperatures
4. Many ENERGY STAR® certified models



COOLING-ONLY

NTYWST AIR CONDITIONERS

We offer solutions for every need, including situations where heating is not necessary. Many Nv-Series air conditioning systems are Energy Star certified and offers cooling efficiencies up to 24.6 SEER.

- Available capacities in kBtu/h: 09, 12, 15, 18, 24, 30, 36
- Offers a wide vane for a wider angle of airflow, 150° from left to right
- Motorized vertical vanes on NTXWST/NTYWST24, 30, 36 models
- SEER: 15.1 to 24.6
- Compatible with the NTYSST outdoor unit
- Nano air filtration technology equipped

Nv-Series systems are not recommended for critical room and low ambient cooling applications. Use professional-grade P-Series with full cooling capacity down to 0° F with wind baffle.

DUCTLESS HEATING AND COOLING SYSTEMS

WALL-MOUNTED HEAT PUMPS

Slim, wall-mounted indoor units provide zone comfort control. INVERTER-driven compressors and electronic LEVs provide higher efficiency with controlled power usage. The indoor unit is powered by the outdoor unit and should a power outage occur, the system is automatically restored when power returns.

PH SERIES HIGH EFFICIENCY HEAT PUMPS

- Available capacities in kBtu/h: 06, 09, 12, 15, 18
- 100% heating at 5° F (as compared to AHRI Rated High Heat Capacity)
- Industry-leading efficiency of 33.1 SEER (NTXWPH06A112A)
- Pro-Heat performance down to -13° F outdoor ambient
- Double-vane air delivery for enhanced circulation
- 3D i-see Sensor™
- Infrared human sensing technologies to measure location of human heat signatures
- Multi-function wireless controller
- Compatible with kumo cloud® control app and Thermostat Interface

ST SERIES NTXSST HEAT PUMPS

- Available capacities in kBtu/h: 09, 12, 15, 18, 24, 30, 36
- 14.5 to 24.6 SEER, 8.2 to 12.8 HSPF, INVERTER-driven compressor
- Auto restart and auto cooling/heating changeover
- Nano air filtration technology equipped
- Vertical air swing on all units
- Compatible with kumo cloud® control app and Thermostat Interface
- All NTXSST Systems from 09 to 24 are ENERGY STAR® certified

ML SERIES NTXWMT/NTXWMT PRO LINE HEAT PUMPS

- Available capacities in kBtu/h: 09, 12, 15, 18, 24
- Efficiency: 18 SEER/9.5–10.0 HSPF
- Four fan speeds
- Inverter driven compressor
- Heating operation range: -4° F to 75° F
- Cooling operation range: 14° F to 115° F
- Compatible with kumo cloud® control app and Thermostat Interface
- Optional anti allergen filter accessory MAC-408FT-E available

DUCTLESS HEATING AND COOLING SYSTEMS

EL SERIES NTXWEL/NTXSEL HEAT PUMP

- Available capacities in kBtu/h: 09, 12, 18, 24
- Efficiency: SEER 16.0 / EER 9.0 / HSPF 8.5
- Four fan speeds
- INVERTER-driven heat pump
- Heating operation range: 5° F to 75° F
- Cooling: 32° F to 115° F
- Compatible with kumo cloud® control app and Thermostat Interface

ML SERIES NTXWMT/NTXWMT 115V HEAT PUMP

- Available capacities in kBtu/h: 09, 12
- Efficiency: SEER 17.0 / EER 9.9 to 12.0 / HSPF 8.5
- Four fan speeds
- INVERTER-driven heat pump
- Heating operation range: -4° F to 75° F
- Cooling operation range: 14° F to 115° F
- Compatible with kumo cloud® control app and Thermostat Interface

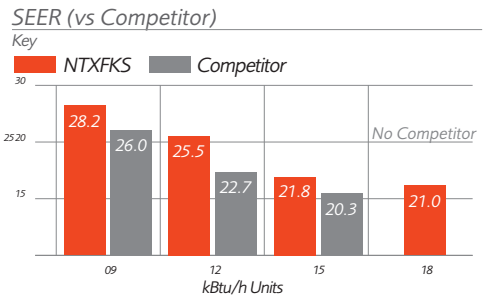
DUCTLESS HEATING AND COOLING SYSTEMS

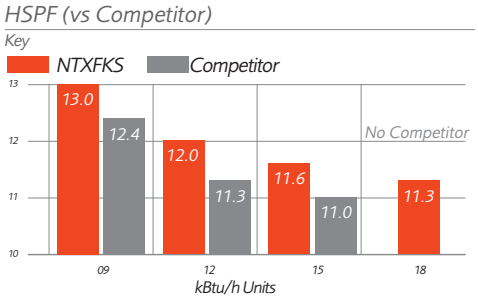
FLOOR-MOUNTED INDOOR UNITS

These indoor units mount on the wall close to the floor and have front panel access to the filter for ease of cleaning. They are perfect for difficult areas that may be smaller or don't have usable space on the walls.

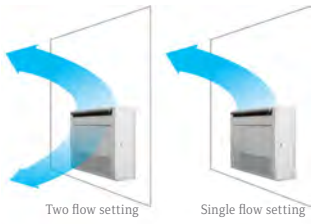
KONNECT SERIES NAXFKS / NAXSPF HEAT PUMPS

- Available capacities in kBtu/h: 09, 12, 15, 18
- 21.0 to 28.2 SEER
- Rapid heating
- Operates with 25% less power than competing models
- Recessing is an option
- Pro-Heat technology
- Meets ENERGY STAR® efficiency levels

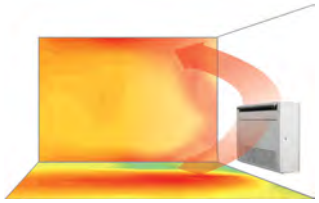




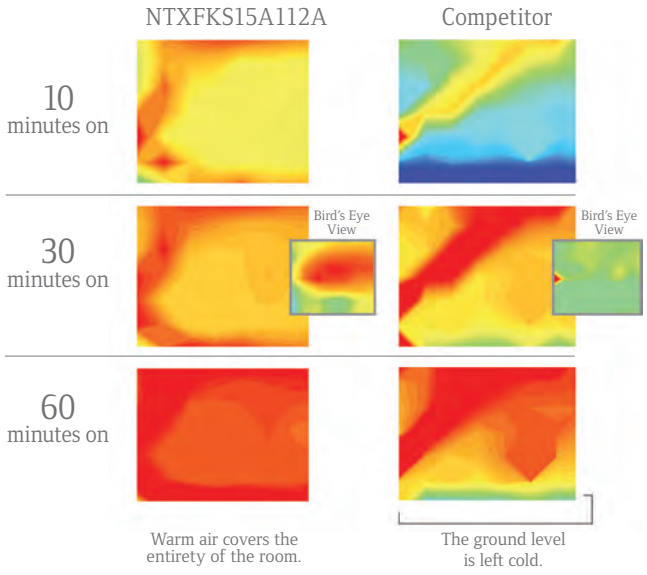
Cooling Airflow Patterns



Heating Airflow Pattern



single and two flow setting available



DUCTLESS HEATING AND COOLING SYSTEMS

CEILING CASSETTE HEAT PUMPS

NTXCKS 2'x2' ceiling-recessed cassette units offer a wide airflow pattern for better air distribution in a less obtrusive style. Install NTXCKS in a hard ceiling (with an access panel for servicing) or in 2'x2' drop ceiling.

KONNECT SERIES NTXCKS/NTXSKS HEAT PUMP SYSTEMS

- Available capacities in kBtu/h: 09, 12, 15, 18
- 19.8 to 22.4 SEER, 11.2 to 12.2 HSPF, INVERTER-driven compressor
- Provides cooling and heating in a wide range of capacities
- Ventilation air knockouts
- Built-in condensate lift mechanism (up to 33")
- Multiple airflow adjustments
- 3D i-See Sensor™
- Individual vane control

KONNECT SERIES NTXUKS/NTXSKS ONE-WAY CEILING CASSETTE HEAT PUMP SYSTEMS

The NTXUKS one-way ceiling cassette can easily be mounted between the joists, making this product ideal for retrofit or new construction projects.

- Available capacities in kBtu/h: 09, 12, 18
- 19.5 to 20.3 SEER, 11.9-13.0 HSPF, INVERTER-driven compressor
- Built-in condensate lift mechanism (19-11/16")
- 4 fan speeds plus auto fan mode
- Meets ENERGY STAR® efficiency requirements

HORIZONTAL-DUCTED HEAT PUMP AIR HANDLING UNITS

Konnect Series NTXDKS ducted units provide comfort and efficiency while staying hidden either in the ceiling or beneath the floor.

KONNECT SERIES NTXDKS/NTXSKS HEAT PUMP SYSTEMS

- Available capacities in kBtu/h: 09, 12, 15, 18
- 18.8 to 22 SEER, 10.8 to 12.6 HSPF, INVERTER-driven compressor
- Provides cooling and heating in a wide range of capacities
- Built-in condensate lift mechanism (up to 21-11/16")
- Static capability up to 0.20 in. wg
- Optional filter box with MERV-8 filters

KONNECT SERIES PEAD/NTXSKS HEAT PUMP SYSTEMS

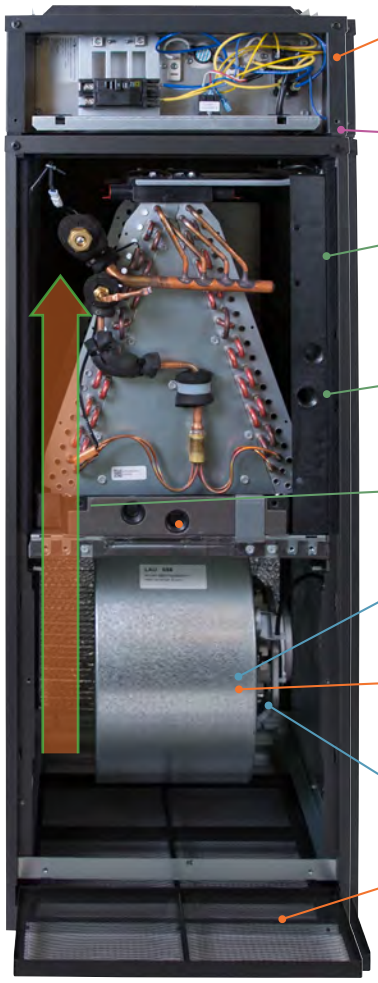
- Available capacities in kBtu/h: 09, 12, 15, 18, 24, 30, 36
- 18.6 to 19.4 SEER, 10.9 to 12.1 HSPF, INVERTER-driven compressor
- Built-in condensate lift mechanism (up to 27-9/16")
- Static capability up to 0.60 in. wg
- Optional filter box with MERV-13 filters
- Interlock with Lossnay®
- 2-stages of supplemental heat control

HEATING AND COOLING

NTXAMT DUCTED AIR HANDLER

This air handler is ideal for both system replacement and efficient cooling and heating in ducted applications.

- Available capacities in kBtu/h: 12, 18, 24, 30, 36
- Up to 18 SEER
- Upflow, horizontal left, horizontal right configurations
- Optional downflow kit
- Optional electric heat kits
- Condensation overflow switch connection
- Humidifier and ERV interface connections
- Auxiliary heat control connections



- Optional auxiliary heat kit can be mounted on top of the air handler, simplifying field installation
- Black ZAM material is highly corrosion-resistant coated steel (zinc, aluminum and magnesium)
- 1 inch R4.2 fiberglass-free insulation is not compressed and there is no screw penetration through the insulation, resulting in minimal condensation on the exterior
- Cabinet air leakage is less than 2.0% at 1.0 in. w.g. (tested in accordance with ASHRAE Standard 193)
- Blow-through design results in a positive pressure cabinet and allows simple coil cleaning when the blower is removed
- Forward curved blower ensures quiet operation
- Selectable external static pressure: 0.30, 0.50 and 0.80 in w.g., with three fan speeds at each static setting
- Highly efficient, totally enclosed electronically commutated motor positioned to prevent sound from traveling through the ductwork
- Washable, standard-sized filter

MX SERIES NTXMMX/MX PH SERIES NTXMPH OUTDOOR UNITS

With the NTXMMX/NTXMPH multi-zone standard and Pro-Heat systems, you can enjoy ideal levels of comfort in the rooms you use most while reducing energy costs. Each zone operates independently. People in different rooms — like the kitchen, master bedroom or living room — can set temperatures for personalized comfort.

THE MULTI-ZONE SYSTEMS INCLUDE

- Mix and match flexibility of indoor unit styles and combinations
- A wide range of indoor unit capacities that match the room size and requirements
- Flexible options to tackle the most challenging multi-room installations
- High-efficiency, multiple ENERGY STAR® combinations
- Four- and five-ton outdoor unit can support up to eight indoor units using branch boxes
- New five-ton outdoor unit for large residential home applications
- Auto restart following a power outage
- Self-check function offering integrated diagnostics

NTXMMX/NTXMPH AND INDOOR UNIT COMPATIBILITY CHART

	MULTI-ZONE OUTDOOR UNIT	BRANCH BOX	NTXAMT 12, 18, 24, 30, 36	NTXWST 6, 9, 12, 15, 18, 24	NTXFKS 9, 12, 15, 18	MSZ-EF 9, 12, 15, 18	NTXWPH 6, 9, 12, 15, 18	NTXDKS 9, 12, 15, 18	NTXUKS 9, 12, 18	NTXCKS 9, 12, 15, 18	PCA 24, 30, 36, 42	PLA 12, 18, 24, 30, 36, 42	PEAD* 9, 12, 15, 18, 24, 30, 36, 42
PRO-HEAT EQUIPMENT	NTXMPH20A122A		12 ✓	6, 9, 12, 15 ✓	9, 12, 15 ✓	9, 12, 15 ✓	6, 9, 12, 15 ✓	9, 12, 15 ✓	9, 12 ✓	9, 12 ✓			9, 12, 15 ✓
	NTXMPH24A132A		12, 18 ✓	6, 9, 12, 15, 18 ✓	✓	✓	✓	✓	✓	9, 12, 15 ✓		18 ✓	9, 12, 15, 18 ✓
	NTXMPH30A132A		12, 18, 24 ✓	✓	✓	✓	✓	✓	✓	9, 12, 15 ✓	24 ✓	18 ✓	9, 12, 15, 18, 24 ✓
	NTXMPH36A142A	✓	12, 18, 24 ✓	✓	✓	✓	✓	✓	✓	9, 12, 15 ✓		12, 18, 24, 30, 36 ✓	9, 15, 12, 18, 24, 30, 36 ✓
	NTXMPH42A152A	✓	12, 18, 24 ✓	✓	✓	✓	✓	✓	✓	9, 12, 15 ✓		12, 18, 24, 30, 36 ✓	9, 15, 12, 18, 24, 30, 36 ✓
	NTXMMX48A182A	✓	✓	✓	✓	✓	✓	✓	✓	9, 12, 15 ✓		12, 18, 24, 30, 36 ✓	9, 15, 12, 18, 24, 30, 36 ✓
STANDARD EQUIPMENT	NTXMMX20A122A		12 ✓	6, 9, 12, 15 ✓	9, 12, 15 ✓	9, 12, 15 ✓	6, 9, 12, 15 ✓	9, 12, 15 ✓	9, 12 ✓	9, 12 ✓			9, 12, 15 ✓
	NTXMMX24A132A		12, 15 ✓	6, 9, 12, 15, 18 ✓	✓	✓	✓	✓	✓	9, 12, 15 ✓		18 ✓	9, 12, 15, 18 ✓
	NTXMMX30A132A		12, 18, 24 ✓	✓	✓	✓	✓	✓	✓	9, 12, 15 ✓	24 ✓	18 ✓	9, 12, 15, 18, 24 ✓
	NTXMMX36A142A		✓	✓	✓	✓	✓	✓	✓	9, 12, 15 ✓	24 ✓	18 ✓	9, 12, 15, 18, 24 ✓
	NTXMMX42A152A		✓	✓	✓	✓	✓	✓	✓	9, 12, 15 ✓	24 ✓	18 ✓	9, 12, 15, 18, 24 ✓
	NTXMMX48A182A	✓	✓	✓	✓	✓	✓	✓	✓	9, 12, 15 ✓		12, 18, 24, 30, 36 ✓	9, 15, 12, 18, 24, 30, 36 ✓
	NTXMMX60A182A	✓	✓	✓	✓	✓	✓	✓	✓	9, 12, 15 ✓		12, 18, 24, 30, 36 ✓	9, 15, 12, 18, 24, 30, 36 ✓

✓ COMPATIBLE

*Please refer to the installation manual, Diamond System Builder, and full compatibility chart for restrictions on the maximum number of indoor units that can be connected for ducted air handlers.

Information is current as of this printing. Minimum installed capacity cannot be less than 12,000 Btu/h.

A minimum of two indoor units must be connected to all NTXMMX/NTXMPH outdoor units.
Minimum installed capacity cannot be less than 12,000 Btu/h.

INDOOR UNITS FOR MULTI-ZONE SYSTEMS (NTXMMX/NTXMPH COMPATIBLE)

ST SERIES NTXWST WALL UNITS

Our standard wall-mounted units, the NTXWS series offers a slim profile and provides enhanced, industry-leading performance for the multi-zone product category. With washable long-life filters, features such as auto-restart and compatibility with the kumo cloud® app, you'll experience comfort as you never have before.

- Available capacities in kBtu/h: 6, 9, 12, 15, 18, 24
- Whisper-quiet operation
- Also available for single-zone application

PH SERIES NTXWPH HIGH-EFFICIENCY WALL UNITS

Let the NTXWPH line of wall-mounted units create personalized home comfort at its absolute best. The NTXWPH features industry-leading efficiency and triple-action filtration for a healthier home. The 3D i-see Sensor™ uses infrared technology to sense your heat signature, directing cool and warm air where it's needed most, and helping to save you even more on your energy bills. Control all of these great features with the kumo cloud® app for the ultimate in home comfort.

- Available capacities in kBtu/h: 6, 9, 12, 15, 18
- Double-vane air delivery for enhanced circulation
- Optional Thermostat Interface (PAC-US444CN-1) to allow for operation with third-party thermostats
- Whisper-quiet operation

INDOOR UNITS FOR MULTI-ZONE SYSTEMS (NTXMMX/NTXMPH COMPATIBLE)

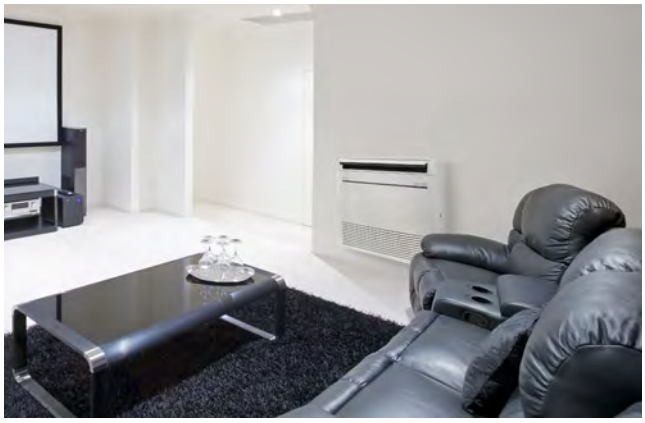
MSZ-EF DESIGNER WALL UNITS

The MSZ-EF Designer Series wall-mounted units combine the ultimate in aesthetic standards with the most innovative cooling and heating technology. Available in four capacities, they are perfect for almost any size room. The three available model colors and sleek design allow seamless integration into interior architecture and décor. Their whisper-quiet operation enables the units to be used in noise-sensitive residential properties and work spaces as well. And, last but not least, the environment can breathe a sigh of relief: these Designer Series wall-mounted units, as part of a Zoned Comfort Solution®, are extremely energy efficient.

- Available capacities in kBtu/h: 9, 12, 15, 18
- Three colors to choose from: glossy white, matte silver and glossy black

KONNECT SERIES NTXFKS FLOOR UNITS

The NTXFKS floor unit features a contemporary slimline design and dramatically reduced depth while introducing a significant innovation in multi-flow vane technology that contributes to a faster heating process. This technology efficiently recirculates air to quickly raise room temperature during the cooler months of the year. NTXFKS floor units are the perfect solution for unobtrusive heating or cooling at floor level. New advanced technology offers heating performance during low temperatures in the shortest amount of time (and with more even heat distribution), all while maintaining maximum energy efficiency.



- Hot-start technology
- Whisper-quiet operation

- Available capacities in kBtu/h: 9, 12, 15, 18

INDOOR UNITS FOR MULTI-ZONE SYSTEMS (NTXMMX/NTXMPH COMPATIBLE)

KONNECT SERIES NTXAMT DUCTED AIR HANDLER

This air handler is ideal for both system replacement and efficient cooling and heating in ducted applications.

- Available capacities in kBtu/h: 12, 18, 24, 30, 36
- Upflow, horizontal left, horizontal right configurations
- Optional electric heat kits
- Condensation overflow switch connection
- Humidifier and ERV interface connections
- Auxiliary heat control connections

KONNECT SERIES NTXDKS HORIZONTAL-DUCTED HEAT PUMPS

NTXDKS ducted units provide comfort and efficiency while staying hidden either in the ceiling or beneath the floor and work well with existing ductwork

- Available capacities in kBtu/h: 9, 12, 15, 18
- Built-in condensate lift mechanism (up to 21-11/16")

PEAD HORIZONTAL-DUCTED HEAT PUMPS

- Available capacities in kBtu/h: 9, 12, 15, 18, 20, 24, 30, 36
- INVERTER-driven compressor
- Built-in condensate lift mechanism (up to 27-9/16")
- Static capability up to 0.60 in. wg
- Option filter box with MERV-13 filters
- Interlock with Lossnay®
- 2-stages of supplemental heat control with PAC-YU25HT accessory

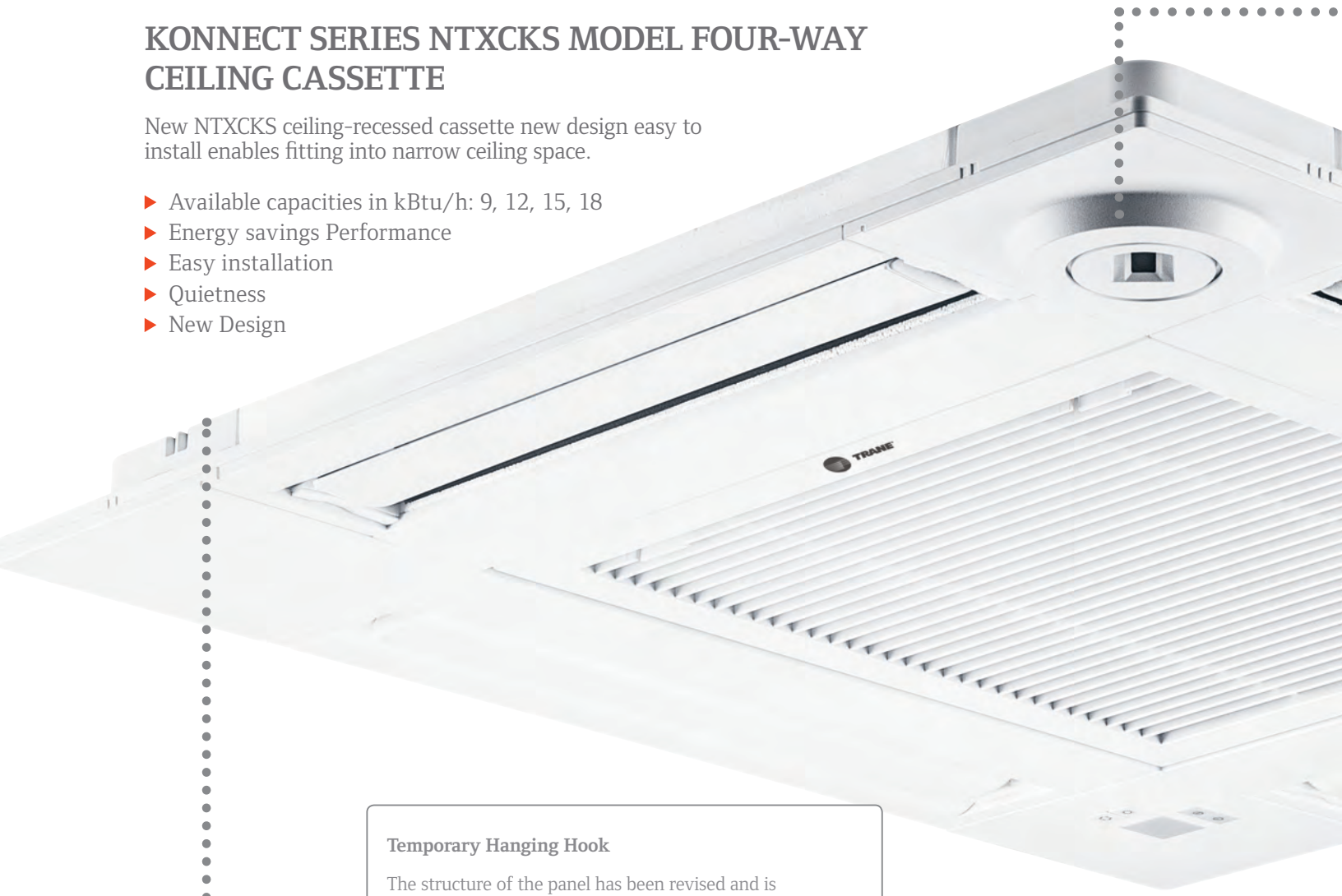
Select PLA and PCA models are also compatible with select multi-zone NTXMMX/NTXMPH systems.
For full NTXMMX/NTXMPH combinations list, visit www.Trane.com/Residential

INDOOR UNITS FOR MULTI-ZONE SYSTEMS (NTXMMX/NTXMPH COMPATIBLE)

KONNECT SERIES NTXCKS MODEL FOUR-WAY CEILING CASSETTE

New NTXCKS ceiling-recessed cassette new design easy to install enables fitting into narrow ceiling space.

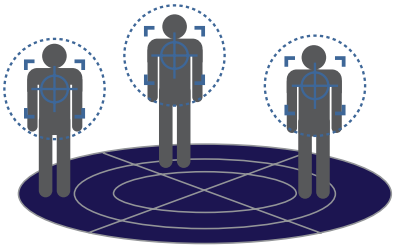
- Available capacities in kBtu/h: 9, 12, 15, 18
- Energy savings Performance
- Easy installation
- Quietness
- New Design



Temporary Hanging Hook

The structure of the panel has been revised and is now equipped with a temporary Hanging Hook. This has improved work efficiency during temporary panel installation

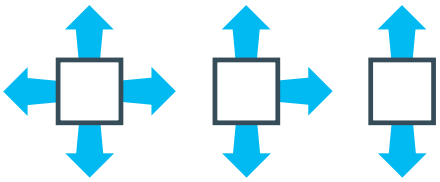
3D i-see Sensor™



- 3D i-see Sensor™ detects the number of people in the room and sets temperature accordingly
- Automatic power-saving operation
- Enhanced power-saving mode

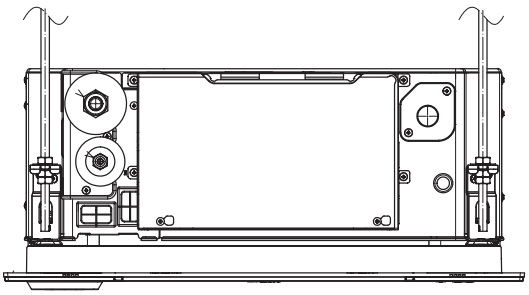
Four-way Vane Control

- Two-way, three-way and four-way airflow pattern selection
- Direct/Indirect airflow
- Seasonal airflow mode



Quietness

The sound level has been reduced by 2-4dB thanks to the introduction of a 3D turbo fan, for quieter and more comfortable air conditioning.temporary panel installation



- Lowest profile 9-5/8″ height above ceiling
- Panel size reduced:
  W x D: 25 -9/16″(650mm) x 25 9/16″(650mm)
  W x D: 24-5/8″ (625mm) x 24-5/8″ (625mm)

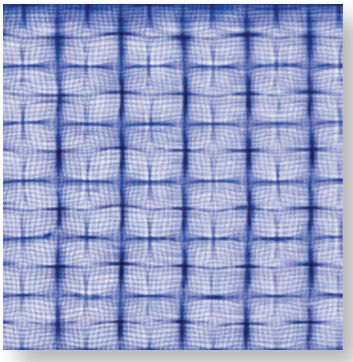
INDOOR UNITS FOR MULTI-ZONE SYSTEMS (NTXMMX/NTXMPH COMPATIBLE)

KONNECT SERIES NTXUKS ONE-WAY CEILING CASSETTE HEAT PUMPS

The NTXUKS one-way ceiling cassette can easily be mounted between the joists, making this product ideal for retrofit or new construction projects.

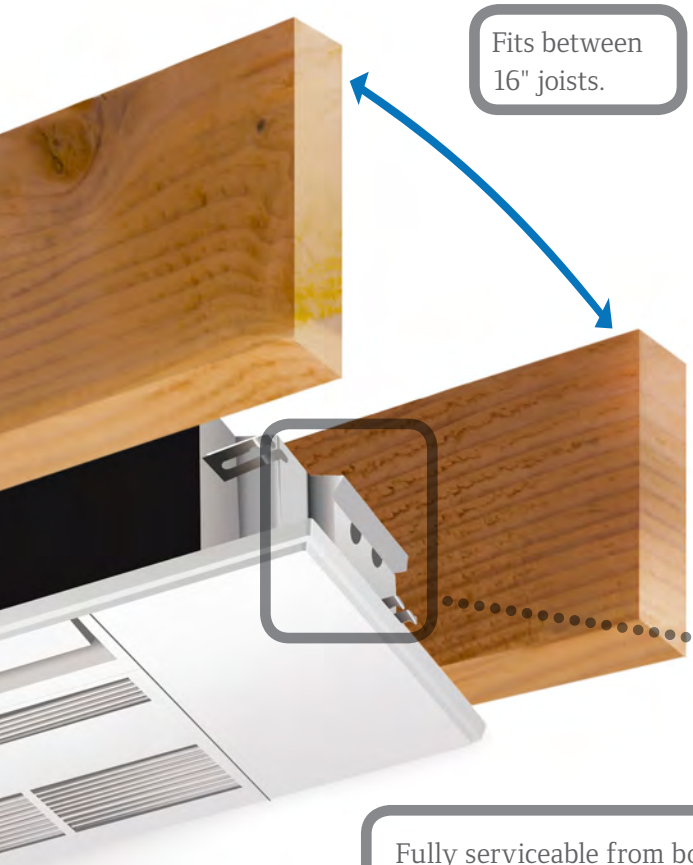
- Built-in condensate lift mechanism (19-11/16")
- Available capacities in kBtu/h: 09, 12, 18
- Flexible air flow direction: left/right and up/down
- 4 fan speeds plus auto fan mode

Interior pocket to hold Wireless Interface for kumo cloud® app.



Washable antibacterial and deodorizing filter. 3D surface provides better dust collection.

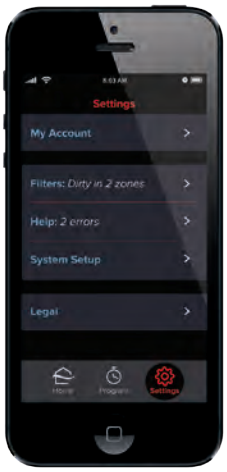
Optional silver-iodized air purifier filter available (MAC-408FT-E). This filter captures and neutralizes bacteria, pollen and other airborne allergens.



The NTXUKS comes with flexible drain joints, and insulation material pretreatment eliminates the need for wrapping.

Fully serviceable from bottom. No access panel required.

MANAGE YOUR COMFORT FROM ANYWHERE WITH kumo cloud®



PAC-USWHS002-WF-1

kumo cloud®

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Did you forget to turn off your unit before leaving for vacation? You don't have a worry in the world when you have the kumo cloud app. Temperatures may be changed, schedules may be set, stored, and changed, as well as much more from anywhere internet connectivity is available. It really is comfort made personal.

Anytime, Anywhere Control

kumo cloud gives you the ability to effortlessly control your home's comfort. Whether you're out for the day or the month, looking to cool down or warm up, kumo cloud gives you control from any smart phone, tablet or web browser.

Program and Schedules

kumo cloud walks you through a five-step process to easily schedule the mode, set temperature and fan speed, for an individual zone or several zones at once.

Easily Zoned

Once your Wireless Interface is installed on your indoor unit by a trained HVAC professional, the indoor unit will discover the app. Name your indoor units, create groups, and organize multiple properties from one user-friendly app. A trained HVAC professional installs a Wireless Interface for each indoor unit.

Check Filter Status

You never have to manually check a filter again. kumo cloud can tell you the status of any filter in your system at any time.

SPECIFICATIONS AND REQUIREMENTS

- Now compatible with Nv-Series, P-Series and CITY MULTI® systems
- kumo cloud allows for an indoor unit to be controlled remotely or locally with the app and web service
- For product information go to kumocloud.com
- Ability to group units and organize groups into sites
- Batch command units
- Ability to program events and scheduling into the unit itself
- Available in Fahrenheit or Celsius
- Easy to connect the device to your router using the kumo cloud app
- Each indoor unit must be equipped with a Wireless Interface (PAC-USWHS002-WF-1) installed by a licensed contractor
- Secure boot to prevent unauthorized reprogramming of Wireless Interface
- Intuitive initial settings feature for Nv- & P-Series equipment

LOCAL WIRELESS CONTROLLERS

Trane®/Mitsubishi Electric offers a wide variety of options when it comes to controlling your comfort. Whatever your need, we have the solution to effortlessly adjust your Zoned Comfort Solutions®.

MHK1 WIRELESS REMOTE CONTROLLER KIT

With the MHK1 Wireless Remote Controller Kit, comfort control has never been easier. It installs anywhere with a simple wall-mounted design, and its large, back-lit screen makes it very easy to read. Operation modes include cool, drying, auto, heat, and fan. Optimal start eliminates the guesswork when setting a schedule. This function allows the remote controller to "learn" how long your Zoned Comfort Solution takes to reach the programmed temperature setting, so the temperature is reached at the time you set.

MRCH1

MIFH1

The basic MHK1 Wireless Remote Controller Kit includes a Wireless Wall-mounted Remote Controller and a Wireless Receiver located with the indoor wall or ceiling-mounted unit. You may choose to enhance your control convenience and flexibility with an optional Portable Central Controller and Outside Air Sensor.

PORTABLE CENTRAL CONTROLLER

When paired with the MHK1 Wall-Mounted Controller, the Portable Central Controller (MCCH1) can monitor and control on/off mode and set your desired temperature. It also has scheduled override capability and displays outside air temperature and humidity when paired with the outside air sensor.

OUTSIDE AIR SENSOR

The Outside Air Sensor (MOS1) monitors outdoor air temperature and humidity and conveniently displays that information on the Portable Central Controller and the wall-mounted controller.

WIRELESS REMOTE CONTROLLER

- MODE: HEAT, COOL, AUTO, and DRY
- FAN: Adjusts fan speed
- STOP/START: A 24-hour ON/OFF timer
- VANE: Sets horizontal vane position
- TIME: Power off timer and clock adjustment
- Included with Nv-Series wall-mounted and floor-mounted systems
- Optional wall-mounted wireless, fully functional (MHK1) and wall-mounted wired controllers are available. (PAR-33MAA & PAC-YT53CRAU require a MAC-333IF-E interface for NTYWST/NTXWPH/NTXWST/NTXWMT/NTXWEL/NTXFKS/NTXUKS and MSZ-EF indoor units)

ADDITIONAL FEATURES AVAILABLE ON CERTAIN MODELS

- "Powerful Mode" function permits system to temporarily run at a lower/higher temperature with an increased fan speed, which quickly brings the room to the optimum comfort level
- Wide Vane setting provides a wider horizontal air distribution on select models with wider cabinets
- Features vary by indoor model

PAR-CT01MAU-SB TOUCH MA REMOTE CONTROLLER

- User-friendly, customizable full color touch panel display
- Ability to add a custom logo on the display
- Large icons with 180 color patterns
- Daily and weekly timers
- Password protected
- Requires MAC-333IF-E for use with Nv-Series products
- The MELRemo app and Bluetooth® Low Energy (BLE) technology supports communication with smartphones or tablets in multiple languages.

PAR-33MAA BACK-LIT MA REMOTE CONTROLLER

- Room Temperature: displays room temperature sensed either at the indoor unit (default) or at the remote controller
- Set temperature range limit: from the Back-lit MA Controller, the set temperature range can be reduced for cool and heat modes
- Dimensions: 4-3/4" (w) x 3/4" (d) x 4-3/4" (h) (120 x 19 x 120mm)
- Requires MAC-333IF-E to use with Nv-Series. (refer to compatibility table for details)
- Setting screen for i-see Sensor™ 3D, draft reduction mode

PAC-YT53CRAU SIMPLE MA CONTROLLER

- Controls group operation for up to 16 indoor units in a single group
- Set temperature range limit: simple MA-allowable set temperature range can be reduced for cool and heat modes
- Room temperature can be sensed either at the indoor unit (default) or at the Simple MA Controller
- Dimensions: 2-3/4" (w) x 9/16" (d) x 4-3/4" (h) (70 x 14.5 x 120 mm) Requires MAC-333IF-E to use with Nv-Series

PAC-US444CN-1 THERMOSTAT INTERFACE

- Control your Zoned Comfort Solution® using a third-party 24VAC transformer
- Wires back to the indoor unit using CN105 to replace the return air temperature sensor
- Maximum wiring length: 39" (12 m)
- Dimensions: 3.17 in (w) x 3.96 in (h) x 0.93 in (d) (80.6 x 100.6 x 23.7 mm)
- Exterior shell made of ABS resin
- Environment Conditions — operating temperature range: Installation manual states that the temperature should be between 32° F and 104° F (0° C to 40° C)

PAC-UKPRC001-CN-1 BACNET® & MODBUS® INTERFACE

- Allows for a third-party Building Energy Management System (BEMS) to control a CITY MULTI®, Nv-Series or P-Series indoor unit
- Monitor and control one indoor unit with one BACnet & MODBUS Interface
- Small, compact design
- Works with centralized and remote controllers
- Does not work with MHK1, Thermostat Interface or Wireless Interface
- Home/Commercial automation systems

MAC-333IF-E SYSTEM CONTROL INTERFACE

- Allows Nv-Series indoor units to communicate with the CITY MULTI® Controls Network via M-Net
- Provides an input to allow remote On/Off control of indoor unit
- Allows Nv-Series indoor units to connect to MHK1 Wall-Mounted Wireless Controller when using other MAC-333IF-E functions
- Allows Nv-Series indoor units to connect to a MA controller
- Power: 12V DC (supplied from indoor unit)

BASE PAN HEATERS

In colder climates where outdoor temperatures can drop to below freezing for longer than 72 hours straight, a base pan heater is a great way to limit ice buildup. Base pan heaters prevent freezing before water drains from the base pan.

- Heater is energized below 36° F
- Prevents ice from building up on the outdoor unit base when operating in heating mode for an extended period of time in a very low temperature, high humidity condition
- Controlled by outdoor unit

DRAIN PAN LEVEL SENSOR

The DPLS2 Diamondback® Drain Pan condensate control sensor shuts down your Zoned Comfort Solutions® if high condensate levels are detected in the drain pan, preventing possible leaks and damage.

- Meets the intent of International Mechanical Code "allowed exception to the secondary drain pan" requirement
- All solid state—no floats or other moving parts—draws power from indoor unit
- Compact size with no additional energy consumption

QUICKSLING STANDS AND BRACKETS

Strong and reliable mini-split stands are the mount of choice for Nv-Series outdoor units.

- Quick and easy to assemble
- Manufactured with heavy gauge steel
- Color-matched with thermally fused powder coat finish

FILTER BOXES

Improve the air quality in your home with FB series filter boxes for the Konnect Series NTXDKS line of horizontal ducted units.

- FBL1 filter boxes include 1" thick, pleated MERV 8 filter(s) installed
- Tested in accordance with ANSI/ASHRAE Standard 52.2 and Rated Class 2 under U.L. Standard 900
- Screw-through design for easy mounting to an indoor unit
- Dimensions: 15-3/4" (l) x 3-1/4" (w) x 3-1/4" (h)

- Meets UL94v-0 for interior applications
- Has snap-on covers and a full selection of couplings, elbows, T-joints, caps, and more for any application: complex or simple
- Offers high-quality PVC with UV inhibitors for outdoor service in all weather conditions
- Can be painted with most house paints to match exterior decors
- Is not just for HVAC—Hides any exterior cabling, piping, or wiring
- Is available in four sizes: 3", 4", and 6" tubes
- One-year warranty

Download a brochure at www.line-hide.com to find out more information.

For a complete list of accessories, please visit www.trane.com/residential

Nv-SERIES ACCESSORIES

SERIES NAME			INDOOR UNIT					
			NTYWST 6, 9, 12, 15, 18, 24	NTYWST 30, 36	NTXWPH 6, 9, 12, 15, 18	NTXWST 6, 9, 12, 15, 18, 24	NTXWST 30, 36	
FILTER	DEODORIZING FILTER	MAC-3000FT-E			✓			
	ANTI-ALLERGY ENZYME FILTER	MAC-408FT-E	✓			✓		
	ANTI-ALLERGY ENZYME FILTER	MAC-1415FT-E		✓			✓	
	ELECTROSTATIC ANTI-ALLERGY ENZYME FILTER	MAC-2330FT-E			✓			
	ELECTROSTATIC ANTI-ALLERGY ENZYME FILTER	MAC-2320FT-E	24 ✓			24 ✓		
	ELECTROSTATIC ANTI-ALLERGY ENZYME FILTER	MAC-2310FT-E						
FILTER BOX	FILTER BOX WITH MERV 8 FILTERS	FBL 1-1						
	FILTER BOX WITH MERV 8 FILTERS	FBL 1-2						
	FILTER BOX WITH MERV 8 FILTERS	FBL 1-3						
	FILTER BOX WITH MERV 13 FILTERS	FBM2-2						
	FILTER BOX WITH MERV 13 FILTERS	FBM2-3						
	FILTER BOX WITH MERV 13 FILTERS	FBM2-4						
WIRELESS SIGNAL RECEIVER	WIRELESS SIGNAL RECEIVER	PAR-SA9CA-E						
	WIRELESS SIGNAL RECEIVER	PAR-FA32MA-W						
	WIRELESS SIGNAL RECEIVER	PAR-FA32MA-E						
	WIRELESS REMOTE RECEIVER PANEL	PAR-SF9FA-E						
WIRELESS REMOTE CONTROLLER	WIRELESS REMOTE CONTROLLER	PAR-SL100A-E						
	WIRELESS REMOTE CONTROLLER	PAR-FL32MA-E				✓		
	BACKLIT, WALL-MOUNTED, WIRELESS CONTROLLER	MHK1	✓	✓	✓	✓	✓	
	PORTABLE CENTRAL CONTROLLER	MCCH1	✓	✓	✓	✓	✓	
WIRED REMOTE CONTROLLER	WIRED MA CONTROLLER*1	PAR-33MAA	✓	✓	✓	✓	✓	
	SIMPLE MA CONTROLLER*1	PAC-YT53CRAU	✓	✓	✓	✓	✓	
	TOUCH MA CONTROLLER*1	PAR-CT01MAU-SB	✓	✓	✓	✓	✓	
	AIRZONE ZBS WIRED BLUEFACE PRINCIPAL CONTROLLER WHITE	AZZBSBLUEFACECB						
	AIRZONE ZBS WIRED THINK CONTROLLER WHITE	AZZBSTHINKCB						
	AIRZONE ZBS WIRELESS THINK CONTROLLER WHITE	AZZBSTHINKRB						
	AIRZONE ZBS WIRED LITE CONTROLLER WHITE	AZZBSLITECB						
	AIRZONE ZBS WIRELESS LITE CONTROLLER WHITE	AZZBSLITERB						
REMOTE SENSOR	WIRED REMOTE SENSOR	PAC-SE41TS-E	✓	✓	✓	✓	✓	
	WIRED REMOTE SENSOR	M21-EAA-307	✓	✓	✓	✓	✓	
	WIRELESS TEMPERATURE AND HUMIDITY SENSOR	PAC-USWHS003-TH-1	✓	✓	✓	✓	✓	
	OUTSIDE AIR SENSOR FOR MHK1	MOS1	✓	✓	✓	✓	✓	
	FLUSH MOUNT REMOTE TEMPERATURE SENSOR	PAC-USSEN001-FM-1						
INTERFACE	SYSTEM CONTROL INTERFACE*2	MAC-333IF-E	✓	✓	✓	✓	✓	
	WIRELESS INTERFACE	PAC-USWHS002-WF-1	✓	✓	✓	✓	✓	
	THERMOSTAT INTERFACE	PAC-US444CN-1	✓	✓	✓	✓	✓	
	KUMO STATION®	PAC-WHS01HC-E	✓	✓	✓	✓	✓	
	USNAP INTERFACE	PAC-WHS01UP-E	✓	✓	✓	✓	✓	
	IT EXTENDER	PAC-WHS01IE-E	✓	✓	✓	✓	✓	
	BACNET® AND MODBUS® INTERFACE	PAC-UKPRC001-CN-1	✓	✓	✓	✓	✓	

✓ COMPATIBLE

*1 NTYWST/NTXWPH/NTXWST/NTXWMT/NTXWEL/NTXFKS/NTXUKS AND MSZ-EF INDOOR UNITS REQUIRES MAC-333IF-E

*2 ALLOWS NTYWST/NTXWPH/NTXWST/NTXWMT/NTXWEL/NTXFKS/NTXUKS AND MSZ-EF INDOOR INDOOR UNITS TO CONNECT TO AN MA CONTROLLER

Nv-SERIES ACCESSORIES

	NTXWMT 9, 12A111A	NTXWMT 6, 9, 12, 15, 18, 24A112A	NTXWEL 9, 12, 18, 24	MSZ-EF 9, 12, 15, 18	NTXFKS 9, 12, 15, 18	NTXUKS 9, 12, 18	NTXCKS 9, 12, 15	NTXDKS 9, 12, 15, 18	NTXAMT 12, 18, 24, 30, 36	PEAD 9, 12, 15, 18, 24, 30, 36, 42
	✓	✓	✓		✓	✓				
				✓						
								9 ✓		
		✓						12, 15 ✓		
								18 ✓		
										9, 12, 15, 18 ✓
										24, 30 ✓
										36, 42 ✓
								✓		
							✓	✓	✓	✓
							✓	✓	✓	✓
							✓			
							✓			
								✓	✓	
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
									✓	✓
									✓	✓
									✓	✓
									✓	✓
									✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓				
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
							✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Nv-SERIES ACCESSORIES

SERIES NAME			INDOOR UNIT					
			NTYWST 6, 9, 12, 15, 18, 24	NTYWST 30, 36	NTXWPH 6, 9, 12, 15, 18	NTXWST 6, 9, 12, 15, 18, 24	NTXWST 30, 36	
CONNECTOR	EXTERNAL FAN / HEATER CONTROL RELAY ADAPTER	CN24RELAY-KIT-CM3			✓			
	WIRE FOR REMOTE ON/OFF WITH CN32 CONNECTOR	PAC-715AD						
	CONNECTOR AND WIRE FOR OPERATION STATUS/ERROR USING CN51	PAC-725AD						
	CONNECTOR CABLE FOR REMOTE DISPLAY	PAC-SA88HA-EP						
	CONNECTOR FOR CN32 (REMOTE ON/OFF)	PAC-SE55RA-E						
	LOCKDOWN BRACKET FOR HAND-HELD REMOTE CONTROLLERS	RCMKP1CB	✓	✓	✓	✓	✓	
	REMOTE OPERATION ADAPTER*	PAC-SF40RM-E						
GRILLE	GRILLE (REQUIRED)	MLP-444W						
	GRILLE (REQUIRED)	SLP-18FAU						
BOTTOM RETURN PLATE	(CONVERTS LOW-PROFILE DUCTED INDOOR UNIT FROM REAR RETURN TO BOTTOM RETURN)	BRP-1						
		BRP-2						
		BRP-3						
CONDENSATE	BLUE DIAMOND SENSOR EXTENSION CABLE — 15 FT.	C13-103	✓	✓	✓	✓	✓	
	BLUE DIAMOND ALARM EXTENSION CABLE — 6.5 FT.	C13-192	✓	✓	✓	✓	✓	
	BLUE DIAMOND MULTITANK — COLLECTION TANK FOR USE WITH MULTIPLE PUMPS	C21-014	✓	✓	✓	✓	✓	
	BLUE DIAMOND RUBBER FOOT PADS	F10-010	✓	✓	✓	✓	✓	
	MINI CONDENSATE PUMP — 230 VOLT APPLICATION	SI30-230	✓	✓	✓	✓	✓	
	MEGABLUE ADVANCED BLUE DIAMOND CONDENSATE PUMP W/ RESERVOIR & SENSOR	X87-835 - 110 TO 250V	✓	✓	✓	✓	✓	
	MAXIBLUE ADVANCED BLUE DIAMOND MINI CONDENSATE PUMP W/ RESERVOIR & SENSOR (110V) UP TO 48,000 BTU/H [RECOMMENDED]	X87-711 - 110V	✓	✓	✓	✓	✓	
	ADVANCED BLUE DIAMOND MINI CONDENSATE PUMP W/ RESERVOIR & SENSOR (208/230V) [RECOMMENDED]	X87-721 - 208/230V	✓	✓	✓	✓	✓	
	MICROBLUE BLUE DIAMOND MINI CONDENSATE PUMP (110/208/230V) UP TO 18,000 BTU/H	X85-003			✓	✓	✓	
	FASCIA KIT FOR MICROBLUE PUMP – MOUNTS THE MICROBLUE AND SENSOR DIRECTLY BENEATH THE INDOOR UNIT	T18-016			✓	✓	✓	
	DRAIN PAN LEVEL SENSOR	DPLS2	✓	✓	✓	✓	✓	
DISCONNECT SWITCH	(30A/600V/UL) [FITS 2" X 4" UTILITY BOX] - BLACK	TAZ-MS303	✓	✓	✓	✓	✓	
	(30A/600V/UL) [FITS 2" X 4" UTILITY BOX] - WHITE	TAZ-MS303W	✓	✓	✓	✓	✓	
SEPARATE POWER TERMINAL BLOCK KIT		SPTB1						
ELECTRIC HEAT LOCKOUT CONTROL		ETC-211000-000						
DOWN FLOW KIT	DOWNFLOW KIT	DFK-S						
	DOWNFLOW KIT	DFK-M						
ELECTRIC KIT HEATS	3KW ELECTRIC HEATER	EH03-SVZ-S						
	5KW ELECTRIC HEATER	EH05-SVZ-S						
	8KW ELECTRIC HEATER	EH08-SVZ-S						
	5KW ELECTRIC HEATER	EH05-SVZ-M						
	8KW ELECTRIC HEATER	EH08-SVZ-M						
	10KW ELECTRIC HEATER	EH10-SVZ-M						

✓ COMPATIBLE

* UNABLE TO USE WITH WIRELESS REMOTE CONTROLLER

Nv-SERIES ACCESSORIES

	NTXWMT 9, 12A111A	NTXWMT 6, 9, 12, 15, 18, 24A112A	NTXWEL 9, 12, 18, 24	MSZ-EF 9, 12, 15, 18	NTXFKS 9, 12, 15, 18	NTXUKS 9, 12, 18	NTXCKS 9, 12, 15	NTXDKS 9, 12, 15, 18	NTXAMT 12, 18, 24, 30, 36	PEAD 9, 12, 15, 18, 24, 30, 36, 42
					✓	✓	✓	✓	✓	✓
							✓	✓	✓	
							✓	✓	✓	
							✓	✓	✓	
										✓
	✓	✓	✓	✓	✓	✓				✓
							✓	✓	✓	✓
						✓				
							✓			
								9 ✓		
								12, 15 ✓		
								18 ✓		
	✓	✓	✓	✓	✓		✓	✓		✓
	✓	✓	✓	✓	✓		✓	✓		
	✓	✓	✓	✓	✓		✓	✓		
	✓	✓	✓	✓	✓		✓	✓		
	✓	✓	✓	✓	✓		✓	✓		
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓			✓	
		✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓						
	✓	✓	✓	✓						
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
									✓	
									✓	
									12, 18, 24 ✓	
									30, 36 ✓	
									12, 18, 24 ✓	
									12, 18, 24 ✓	
									18, 24 ✓	
									30, 36 ✓	
									30, 36 ✓	
									30, 36 ✓	

Nv-SERIES ACCESSORIES

SERIES NAME			OUTDOOR UNIT					
			NTYSST 6, 9, 12, 15, 18, 24	NTYSST 30, 36	NTXSPH(B) 6, 9, 12, 15, 18	NTXSPH(B) 6, 9, 12, 15, 18	NTXSST 9, 12, 15, 18, 24	
JOINT PIPE	PORT ADAPTER SIZE: 1/2" X 3/8"***	MAC-A455JP-E						
AIR OUTLET GUIDE	AIR OUTLET GUIDE	MAC-881SG	9, 12, 15 ✓		6, 9, 12 ✓	6, 9, 12 ✓	9, 12, 15 ✓	
	AIR OUTLET GUIDE	MAC-886SG-E	18, 24 ✓		15, 18 ✓	15, 18 ✓	18, 24 ✓	
DRAIN SOCKET	DRAIN SOCKET	MAC-860DS	✓		✓		✓	
	DRAIN SOCKET	MAC-811DS		✓				
OPTIONAL DEFROST HEATER	OPTIONAL DEFROST HEATER	MAC-640BH-U	9, 12, 15 ✓			6, 9, 12 ✓		
	OPTIONAL DEFROST HEATER	MAC-642BH-U1	18, 24 ✓			15, 18 ✓		
HAIL GUARDS	HAIL GUARD	HG-B4	9, 12, 15 ✓		6, 9, 12 ✓	6, 9, 12 ✓	9, 12, 15 ✓	
	HAIL GUARD	HG-A7	18, 24 ✓		15, 18 ✓	15, 18 ✓	18, 24 ✓	
OUTDOOR UNIT MOUNTING PAD	OUTDOOR UNIT 3-1/4 INCH MOUNTING BASE (PAIR) - PLASTIC	DSD-400P	✓	✓	✓	✓	✓	
	CONDENSING UNIT MOUNTING PAD 16" X 36" X 3"	ULTRILITE1	✓	✓	✓	✓	✓	
OUTDOOR UNIT STAND	OUTDOOR UNIT STAND — 12" HIGH	QSMS1201M	✓	✓	✓	✓	✓	
	OUTDOOR UNIT STAND — 18" HIGH	QSMS1801M	✓	✓	✓	✓	✓	
	OUTDOOR UNIT STAND — 24" HIGH	QSMS2401M	✓	✓	✓	✓	✓	
WALL BLACKET	HEAVY DUTY WALL MOUNTING BRACKET— COATED STEEL	QSWB2000M-1	✓	✓	✓	✓	✓	
	HEAVY DUTY WALL MOUNTING BRACKET — 316 SERIES STAINLESS STEEL	QSWBSS	✓	✓	✓	✓	✓	
LINESET	15' X 1/4" X 15' / 3/8" LINESET (TWIN-TUBE INSULATION)	MLS143812T-15	9, 12 ✓		6, 9, 12 ✓	6, 9, 12 ✓	9, 12 ✓	
	30' X 1/4" X 30' / 3/8" LINESET (TWIN-TUBE INSULATION)	MLS143812T-30	9, 12 ✓		6, 9, 12 ✓	6, 9, 12 ✓	9, 12 ✓	
	50' X 1/4" X 50' / 3/8" LINESET (TWIN-TUBE INSULATION)	MLS143812T-50	9, 12 ✓		6, 9, 12 ✓	6, 9, 12 ✓	9, 12 ✓	
	65' X 1/4" X 65' / 3/8" LINESET (TWIN-TUBE INSULATION)	MLS143812T-65	9, 12 ✓		6 , 9, 12 ✓	6, 9, 12 ✓	9, 12 ✓	
	15' X 1/4" X 15' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-15	15, 18 ✓		15, 18 ✓	6, 15, 18 ✓	15, 18 ✓	
	30' X 1/4" X 30' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-30	15, 18 ✓		15, 18 ✓	6, 15, 18 ✓	15, 18 ✓	
	50' X 1/4" X 50' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-50	15, 18 ✓		15, 18 ✓	6, 15, 18 ✓	15, 18 ✓	
	65' X 1/4" X 65' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-65	15, 18 ✓		15, 18 ✓	6, 15, 18 ✓	15, 18 ✓	
	100' X 1/4" X 100' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-100	15, 18 ✓		15, 18 ✓	6, 15, 18 ✓	15, 18 ✓	
	10' X 3/8" X 10' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-10	24 ✓	✓			24 ✓	
	15' X 3/8" X 15' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-15	24 ✓	✓			24 ✓	
	30' X 3/8" X 30' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-30	24 ✓	✓			24 ✓	
	50' X 3/8" X 50' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-50	24 ✓	✓			24 ✓	
	65' X 3/8" X 65' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-65	24 ✓	✓			24 ✓	
	100' X 3/8" X 100' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-100	24 ✓	✓			24 ✓	

✓ COMPATIBLE

*** PEAD12/NTXSKS12

Nv-SERIES ACCESSORIES

	NTXSST 30, 36NA	NTXSMT 9, 12A111A	NTXSMT 6, 9, 12, 15, 18, 24 A112A	NTXSEL 9, 12, 18, 24	NTXSPF 9, 12, 15, 18	NTXSKS 9, 12, 15, 18, 24, 30, 36
						12 ✓
		✓	9, 12, 15, 18 ✓	9, 12, 18 ✓	9, 12 ✓	9, 12, 15 ✓
			24 ✓	24 ✓	15, 18 ✓	18, 24, 30, 36 ✓
		✓		✓		
	✓					
			9, 12, 15, 18 ✓			9, 12, 15 ✓
			24 ✓			18, 24, 30, 36 ✓
		✓	9, 12, 15, 18 ✓	9, 12, 18 ✓	9, 12 ✓	9, 12, 15 ✓
			24 ✓	24 ✓	15, 18 ✓	18, 24, 30, 36 ✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
		✓	9, 12 ✓	9, 12 ✓	9, 12 ✓	9, 12, 15 ✓
		✓	9, 12 ✓	9, 12 ✓	9, 12 ✓	9, 12, 15 ✓
		✓	9, 12 ✓	9, 12 ✓	9, 12 ✓	9, 12, 15 ✓
		✓	9, 12 ✓	9, 12 ✓	9, 12 ✓	9, 12, 15 ✓
			15, 18 ✓	18 ✓	15, 18 ✓	18 ✓
			15, 18 ✓	18 ✓	15, 18 ✓	18 ✓
			15, 18 ✓	18 ✓	15, 18 ✓	18 ✓
			15, 18 ✓	18 ✓	15, 18 ✓	18 ✓
			15, 18 ✓	18 ✓	15, 18 ✓	18 ✓
	✓		24 ✓	24 ✓		24, 30, 36 ✓
	✓		24 ✓	24 ✓		24, 30, 36 ✓
	✓		24 ✓	24 ✓		24, 30, 36 ✓
	✓		24 ✓	24 ✓		24, 30, 36 ✓
	✓		24 ✓	24 ✓		24, 30, 36 ✓
	✓		24 ✓	24 ✓		24, 30, 36 ✓

Nv-SERIES ACCESSORIES

SERIES NAME			OUTDOOR UNIT						
			NTXMMX						
			20A122A	24A132A	30A132A	36A142A	42A152A	48A182A	60A182A
DISTRIBUTION PIPE FOR BRANCH BOX	FLARE CONNECTION	MSDD-50AR-E						✓	✓
	BRAZED	MSDD-50BR-E						✓	✓
JOINT PIPE	PORT ADAPTER SIZE: 3/8" X 5/8"	PAC-SG76RJ-E	✓	✓	✓	✓	✓	✓	✓
	PORT ADAPTER SIZE: 1/4" X 3/8"	PAC-493PI	✓	✓	✓	✓	✓	✓	✓
	PORT ADAPTER SIZE: 3/8" X 1/2"	MAC-A454JP-E	✓	✓	✓	✓	✓	✓	✓
	PORT ADAPTER SIZE: 1/2" X 3/8"	MAC-A455JP-E	✓	✓	✓	✓	✓	✓	✓
	PORT ADAPTER SIZE: 1/2" X 5/8"	MAC-A456JP-E	✓	✓	✓	✓	✓	✓	✓
	PORT ADAPTER SIZE: 3/4" X 5/8"	ADP-5834							✓
BRANCH BOX	BRANCH BOX	TAC-MKA51BC						✓	✓
	BRANCH BOX	TAC-MKA31BC						✓	✓
	BRANCH BOX OUTER COVER	BBE-1						✓	✓
AIR OUTLET GUIDE	AIR OUTLET GUIDE	MAC-856SG	✓						
	AIR OUTLET GUIDE***	PAC-SH96SG-E		✓	✓	✓	✓	✓***	✓***
WIND BAFFLE	FRONT WIND BAFFLE	WB-PA3						✓***	✓***
DRAIN SOCKET	DRAIN SOCKET	PAC-SG60DS-E		✓	✓	✓	✓		
	DRAIN SOCKET	PAC-SG61DS-E						✓	✓
OPTIONAL DE-FROST HEATER	OPTIONAL DEFROST HEATER	PAC-645BH-E		✓	✓	✓	✓		
	OPTIONAL DEFROST HEATER	PAC-646BH-E	✓						
	OPTIONAL DEFROST HEATER	PAC-SJ20BH-E						✓	✓
CENTRALIZED DRAIN PAN		PAC-SH97DP-E						✓	✓
M-NET CONVERTER		PAC-IF01MNT-E	✓	✓	✓	✓	✓		
BALL VALVE	REFRIGERATION BALL VALVE-FLARE/SCHRADER/ INSULATED — 1/2" SIZE	BV12FFSI2	✓	✓	✓	✓	✓	✓	✓
	REFRIGERATION BALL VALVE-FLARE/SCHRADER/ INSULATED — 1/4" SIZE	BV14FFSI2	✓	✓	✓	✓	✓	✓	✓
	REFRIGERATION BALL VALVE-FLARE/SCHRADER/ INSULATED — 3/8" SIZE	BV38FFSI2	✓	✓	✓	✓	✓	✓	✓
	REFRIGERATION BALL VALVE-FLARE/SCHRADER/ INSULATED — 5/8" SIZE	BV58FFSI2	✓	✓	✓	✓	✓	✓	✓
HAIL GUARDS	HAIL GUARD	HG-A1					✓		
	HAIL GUARD	HG-A2						✓	✓
	HAIL GUARD	HG-A8	✓						
	HAIL GUARD	HG-A9		✓	✓	✓			
OUTDOOR UNIT MOUNTING PAD	OUTDOOR UNIT 3-1/4 INCH MOUNTING BASE (PAIR) - PLASTIC	DSD-400P	✓	✓	✓	✓	✓	✓	✓
	CONDENSING UNIT MOUNTING PAD 16" X 36" X 3"	ULTRILITE1	✓	✓	✓	✓	✓	✓	✓
	CONDENSING UNIT MOUNTING PAD 24" X 42" X 3"	ULTRILITE2					✓		
OUTDOOR UNIT STAND	OUTDOOR UNIT STAND — 12" HIGH	QSMS1201M	✓	✓	✓	✓	✓		
	OUTDOOR UNIT STAND — 18" HIGH	QSMS1801M	✓	✓	✓	✓	✓		
	OUTDOOR UNIT STAND — 24" HIGH	QSMS2401M	✓	✓	✓	✓	✓		
	OUTDOOR UNIT STAND — 12" HIGH	QSMS1202M						✓	✓
	OUTDOOR UNIT STAND — 18" HIGH	QSMS1802M						✓	✓
	OUTDOOR UNIT STAND — 24"HIGH	QSMS2402M						✓	✓

✓ COMPATIBLE

*** 8C48/8C60 REQUIRES TWO (2) PIECES

Nv-SERIES ACCESSORIES

	NTXMPH					
	20A122A	24A132A	30A132A	36A142A	42A152A	48A182A
				✓	✓	✓
				✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
				✓	✓	✓
				✓	✓	✓
				✓	✓	✓
	✓	✓	✓	✓***	✓***	✓***
				✓***	✓***	✓***
				✓	✓	✓
	✓	✓	✓			
	✓	✓	✓	✓	✓	
	✓	✓	✓	✓	✓	
	✓	✓	✓	✓	✓	
	✓	✓	✓	✓	✓	
	✓	✓	✓			
				✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓		✓
			✓	✓	✓	
	✓	✓	✓			
	✓	✓	✓			
	✓	✓	✓			
				✓	✓	✓
				✓	✓	✓
				✓	✓	✓

Nv-SERIES ACCESSORIES

SERIES NAME			OUTDOOR UNIT							
			NTXMMX							
			20A122A	24A132A	30A132A	36A142A	42A152A	48A182A	60A182A	
WALL BLACKET	HEAVY DUTY WALL MOUNTING BRACKET— COATED STEEL	QSWB2000M-1	✓	✓	✓	✓	✓	✓	✓	
	HEAVY DUTY WALL MOUNTING BRACKET — 316 SERIES STAINLESS STEEL	QSWBSS	✓	✓	✓	✓	✓	✓	✓	
LINESET	15' X 1/4" X 15' / 3/8" LINESET (TWIN-TUBE INSULATION)	MLS143812T-15	✓	✓	✓	✓	✓			
	30' X 1/4" X 30' / 3/8" LINESET (TWIN-TUBE INSULATION)	MLS143812T-30	✓	✓	✓	✓	✓			
	50' X 1/4" X 50' / 3/8" LINESET (TWIN-TUBE INSULATION)	MLS143812T-50	✓	✓	✓	✓	✓			
	65' X 1/4" X 65' / 3/8" LINESET (TWIN-TUBE INSULATION)	MLS143812T-65	✓	✓	✓	✓	✓			
	15' X 1/4" X 15' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-15		✓	✓	✓	✓			
	30' X 1/4" X 30' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-30		✓	✓	✓	✓			
	50' X 1/4" X 50' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-50		✓	✓	✓	✓			
	65' X 1/4" X 65' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-65		✓	✓	✓	✓			
	100' X 1/4" X 100' / 1/2" LINESET (TWIN-TUBE INSULATION)	MLS141212T-100		✓	✓	✓	✓			
	10' X 3/8" X 10' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-10						✓		
	15' X 3/8" X 15' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-15						✓		
	30' X 3/8" X 30' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-30						✓		
	50' X 3/8" X 50' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-50						✓		
	65' X 3/8" X 65' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-65						✓		
	100' X 3/8" X 100' X 5/8" LINESET (TWIN-TUBE INSULATION)	MPLS385812T-100						✓		
	15' X 3/8" X 15' / 3/4" LINESET (TWIN-TUBE INSULATION)	MPLS383412T-15							✓	
	50' X 3/8" X 50' / 3/4" LINESET (TWIN-TUBE INSULATION)	MPLS383412T-50							✓	

✓ COMPATIBLE

Nv-SERIES ACCESSORIES

	NTXMPH					
	20A122A	24A132A	30A132A	36A142A	42A152A	48A182A
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓			
	✓	✓	✓			
	✓	✓	✓			
	✓	✓	✓			
		✓	✓			
		✓	✓			
		✓	✓			
		✓	✓			
		✓	✓			
				✓	✓	✓
				✓	✓	✓
				✓	✓	✓
				✓	✓	✓
				✓	✓	✓
				✓	✓	✓

SPECIFICATIONS TABLES

ST SERIES SINGLE-ZONE COOLING ONLY SYSTEM

Model Name	Indoor Unit		NTYWST09A112A	NTYWST12A112A	NTYWST15A112A	NTYWST18A112A	NTYWST24A112A
	Outdoor Unit		NTYSST09A112A	NTYSST12A112A	NTYSST15A112A	NTYSST18A112A	NTYSST24A112A
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	14,000	18,000	22,500
	Capacity Range	Btu/h	3,600 – 12,200	1,500 – 13,600	3,100 – 18,200	5,800 – 22,000	8,200 – 31,400
	Rated Power Input	W	585	920	1,080	1,340	1800
	Energy Efficiency	SEER	24.6	23.1	21.6	20.5	20.5
	Moisture Removal	Pints/h	1.5	2.5	2.7	2.1	5.1
	Sensible Heat Factor		0.820	0.770	0.780	0.870	0.750
Power Supply *2	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V				
Voltage	Indoor-Outdoor S1 – S2		AC 208/230V				
	Indoor-Outdoor S2 – S3		DC ±24V				
	Indoor-Remote Controller		Wireless Type (Optional Wired Controller: DC 12V)				
Indoor Unit	MCA	A	1.0				
	Blower Motor (ECM)	F.L.A.	0.76			0.67	0.76
	Airflow at Cooling	DRY (CFM)	145-170-237-321-399		205-272-335-420-533	258-332-417-522-646	388-469-544-628-738
	(Quiet-Lo-Med-Hi-Super Hi)*1	WET (CFM)	109-134-201-286-364		170-237-300-385-498	232-299-375-470-581	347-420-487-562-661
	Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi)*1	dB(A)	19-22-30-37-43	19-22-30-37-45	26-32-38-44-49	28-33-38-44-49	34-41-45-49-53
	External Finish Color		Munsell 1.0Y 9.2 / 0.2				
	Dimension Unit	W: In.	31-7/16			36-5/16	43-5/16
		D: In.	9-1/8			9-13/16	9-3/8
		H: In.	11-5/8			12	12-13/16
	Weight Unit	Lbs.	22			28	37
	Field Drainpipe Size O.D.	In.	5/8				
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®				
Outdoor Unit	MCA	A	7		9	14	17.1
	MOCP	A	15				20
	Fan Motor (ECM)	F.L.A.	0.50			0.93	
	Compressor	Model (Type)	DC INVERTER-driven		DC INVERTER-driven Twin Rotary		
		R.L.A.	4.9		6.8	10.0	12.9
		L.R.A.	6.1		8.5	12.5	16.1
	Airflow (Cooling)	CFM	1,229/1,172		1,243/1,229	1,691/1,691	1,769/1,701
	Refrigerant Control		Linear Expansion Valve				
	Sound Pressure Level at Cooling *1	dB(A)	48	49		54	55
	External Finish Color		Munsell No. 3Y 7.8 / 1.1				
	Dimensions	W: In.	31-1/2			33-1/16	
		D: In.	11-1/4			13	
		H: In.	21-5/8			34-5/8	
	Weight	Lbs.	81			121	119
Refrigerant	Type		R410A				
	Charge	Lbs., Oz.	2, 9			3, 9	4, 3
	Oil	Type (fl. oz.)	FV50S (9.1)	FV50S (11.8)			FV50S (13.5)
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2		5/8
	Liquid Side O.D.	In.	1/4				3/8
Refrigerant Pipe Length	Height Difference (Max.)	Ft..	40			50	
	Length (Max.)	Ft..	65			100	
Connection Method	Indoor/Outdoor		Flared/Flared				

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling) — Indoor D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

ST SERIES SINGLE-ZONE COOLING ONLY SYSTEM

Model Name	Indoor Unit		NTYWST30A112A	NTYWST36A112A
	Outdoor Unit		NTYSST30A112A	NTYSST36A112A
Cooling *1	Rated Capacity	Btu/h	30,700	34,600
	Capacity Range	Btu/h	9,800–30,700	9,800–34,600
	Total Input	W	3,380 (620–3,380)	4,240 (620–4,240)
	Energy Efficiency	SEER	16	15.1
	Moisture Removal	Pints/h	9.9	11.9
	Sensible Heat Factor		0.64	0.62
Power Supply *2	Phase, Cycle, Voltage		1-phase, 60Hz, 208/230V	
Voltage	Indoor-Outdoor S1–S2		AC 208/230V	
	Indoor-Outdoor S2–S3		DC ±24V	
	Indoor-Remote Controller		Wireless Type (Optional Wired Controller: DC 12V)	
Indoor Unit	MCA	A	1.0	
	Blower Motor (ECM)	F.L.A.	0.76	
	Airflow at Cooling	DRY (CFM)	389-639-848-887	
	(Lo-Med-Hi-Powerful)*1	WET (CFM)	350-576-763-798	
	Sound Pressure Level at Cooling (Lo-Med-Hi-Powerful) *1	dB(A)	32-42-49-51	
	External Finish Color		Munsell No. 1.0Y 9.2 / 0.2	
	Dimension Unit	W: In.	46-1/16	
		D: In.	11-5/8	
		H: In.	14-3/8	
	Weight Unit	Lbs.	40	
	Field Drainpipe Size O.D.	In.	5/8	
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®	
Outdoor Unit	MCA	A	21	
	MOCP	A	25	
	Fan Motor (ECM)	F.L.A.	0.93	
	Compressor	Model (Type)	DC INVERTER-driven Twin Rotary	
		R.L.A.	16	
		L.R.A.	20	
	Airflow (Cooling)	CFM	1,941	
	Refrigerant Control		Linear Expansion Valve	
	Sound Pressure Level at Cooling *1	dB(A)	55	56
	External Finish Color		Munsell No. 3Y 7.8 / 1.1	
	Dimensions	W: In.	33-1/16	
		D: In.	13	
		H: In.	33-7/16	
	Weight	Lbs.	126	
Refrigerant	Type		R410A	
	Charge	Lbs., Oz.	4	
	Oil	Type (fl. oz.)	NEO22 (29.4)	
Refrigerant Pipe	Gas Side O.D.	In.	5/8	
	Liquid Side O.D.	In.	3/8	
Refrigerant Pipe Length	Height Difference (Max.)	Ft..	50	
	Length (Max.)	Ft..	100	
Connection Method	Indoor/Outdoor		Flared/Flared	

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling) — Indoor D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

PH SERIES SINGLE-ZONE HEAT PUMP SYSTEM

Model Name	Indoor Unit		NTXWPH06A112A	NTXWPH09A112A	NTXWPH12A112A	NTXWPH15A112A	NTXWPH18A112A2
	Outdoor Unit		NTXSPH(B)06A112A	NTXSPH(B)09A112A	NTXSPH(B)12A112A	NTXSPH(B)15A112A	NTXSPH(B)18A112A
Cooling *1	Rated Capacity	Btu/h	6,000	9,000	12,000	15,000	17,200
	Capacity Range	Btu/h	1,700–9,000	1,700–12,000	2,500–13,600	6,450–19,000	6,450–21,000
	Rated Power Input	W	315	560	870	1,200	1,375
	Energy Efficiency	SEER	33.1	30.5	26.1	22.0	21.0
	Moisture Removal	Pints/h	0.2	0.6	1.9	4.0	4.8
	Sensible Heat Factor		0.960	0.920	0.830	0.700	0.690
Heating at 47° F *2	Rated Capacity	Btu/h	8,700	10,900	13,600	18,000	20,300
	Capacity Range	Btu/h	1,600–14,000	1,600–18,000	3,700–21,000	5,150–24,000	5,150–30,000
	Rated Power Input	W	545	710	950	1,300	1,720
	HSPF (IV)	Btu/h/W	13.5(12.5)	13.5(12.5)	12.5(11.5)	12.0(11.0)	12.0(11.0)
Heating at 17° F *3	Rated Capacity	Btu/h	5,900	6,700	8,000	11,000	13,700
	Rated Power Input	W	500	600	720	1,020	1,320
	Maximum Capacity	Btu/h	10,700	12,200	13,600	18,000	20,300
Heating at 5° F	Maximum Capacity	Btu/h	8,700	10,900	13,600	18,000	20,300
Power Supply *4	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V				
Voltage	Indoor — Outdoor S1–S2		AC 208 / 230V				
	Indoor — Outdoor S2–S3		DC ±24V				
	Indoor — Remote Controller		Wireless Type (Optional Wired Controller: DC12V)				
Indoor Unit	MCA	A	1.0				
	Blower Motor (ECM)	F.L.A.	0.67				
	Airflow at Cooling (Quiet — Low — Med. — High — Super Hi) *1	DRY (CFM)	137-167-221-304-381	137-167-221-304-381	137-167-221-304-398	225-262-304-355-411	225-262-304-355-459
		WET (CFM)	117-143-190-261-328	117-143-190-261-328	117-143-190-261-342	194-225-261-305-354	194-225-261-305-395
	Airflow at Heating (Quiet — Low — Med. — High — Super Hi) *2	DRY (CFM)	140-167-225-325-437	140-167-225-325-437	140-167-225-325-454	201-254-317-394-497	201-254-317-394-514
	Sound Pressure Level at Cooling (Quiet — Low — Med. — High — Super Hi) *1	dB(A)	20-23-29-36-40		21-24-29-36-41	27-31-35-39-44	27-31-35-39-47
	Sound Pressure Level at Heating (Quiet — Low — Med. — High — Super Hi) *2	dB(A)	20-24-29-36-42		21-24-29-36-42	25-29-34-39-46	
	External Finish Color		Munsell No. 1.0Y 9.2 / 0.2				
	Dimension Unit	W: In.	36-7/16				
		D: In.	9-3/16				
		H: In.	12(+11/16)				
	Weight Unit	Lbs.	29				
	Field Drainpipe Size O.D.	In.	5/8				
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®				
Outdoor Unit	MCA	A	11			16	16
	MOCP	A	15			20	
	Fan Motor (ECM)	F.L.A.	0.50			0.93	
	Compressor	Model (Type)	DC INVERTER-driven Twin Rotary				
		R.L.A.	8.2			12.0	
		L.R.A.	10.3			15.0	
	Airflow (Cooling/Heating)	CFM	1,074/1,202	1,074/1,202		1,692/1,634	
	Refrigerant Control		Linear Expansion Valve				
	Defrost Method		Reverse Cycle				
	Sound Pressure Level at Cooling *1	dB(A)	47	48	49	51	52
	Sound Pressure Level at Heating *2	dB(A)	48	49	51	55	55
	External Finish Color		Munsell No. 3Y 7.8 / 1.1				
	Dimensions	W: In.	31-1/2			33-1/16	
		D: In.	11-1/4			13	
		H: In.	21-5/8			34-5/8	
	Weight	Lbs.	81		83	124	
Refrigerant	Type		R410A				
	Charge	Lbs., Oz.	2, 9			3, 7	
	Oil	Type (fl. oz.)	FV50S (11.8)			FV50S (13.5)	
Refrigerant Pipe	Gas Side O.D.	In.	3/8			1/2	
	Liquid Side O.D.	In.	1/4				
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	40			50	
	Length (Max.)	Ft.	65			100	
Connection Method	Indoor/Outdoor		Flared/Flared				

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Seven-year warranty on compressor. Five-year warranty on parts.

It is recommended to validate system performance via Diamond System Builder system selection software.
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ST SERIES SINGLE-ZONE HEAT PUMP SYSTEM

Model Name	Indoor Unit		NTXWST06A112A	NTXWST12A112A	NTXWST15A112A	NTXWST18A112A	NTXWST24A112A
	Outdoor Unit		NTXSST09A112A	NTXSST12A112A	NTXSST15A112A	NTXSST18A112A	NTXSST24A112A
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	14,000	18,000	22,400
	Capacity Range	Btu/h	3,600 – 12,200	1,500 – 13,600	3,100 – 18,200	5,800 – 22,000	8,200 – 31,400
	Rated Power Input	W	585	920	1,080	1,340	1,800
	Energy Efficiency	SEER	24.6	23.1	21.6	20.5	20.5
	Moisture Removal	Pints/h	1.5	2.5	2.7	2.1	5.1
	Sensible Heat Factor		0.820	0.740	0.800	0.870	0.750
Heating at 47° F *2	Rated Capacity	Btu/h	10,900	14,400	18,000	21,600	27,600
	Capacity Range	Btu/h	4,500 – 15,900	2,000 – 18,100	4,800 – 20,900	5,400 – 25,000	7,500 – 36,900
	Rated Power Input	W	720	1,100	1,600	1,680	2,340
	HSPF (IV)	Btu/h/W	12.8	12.5	11.7	11.2	10.0
Heating at 17° F *3	Rated Capacity	Btu/h	6,700	9,200	12,200	13,800	16,000
	Rated Power Input	W	630	870	1,190	1,435	1,712
	Maximum Capacity	Btu/h	10,200	12,000	16,400	18,200	24,600
Heating at 5° F	Maximum Capacity	Btu/h	8,170	9,790	13,680	14,900	19,320
Power Supply *4	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V				
Voltage	Indoor-Outdoor S1 – S2		AC 208 / 230V				
	Indoor-Outdoor S2 – S3		DC ±24V				
	Indoor-Remote Controller		Wireless Type (Optional Wired Controller: DC12V)				
Indoor Unit	MCA	A	1.0				
	Blower Motor (ECM)	F.L.A.	0.76			0.67	0.76
	Airflow at Cooling (Quiet — Lo — Med — Hi — Super Hi) *1	DRY (CFM)	145-170-237-321-399		205-272-335-420-533	258-332-417-522-646	388-469-544-628-738
		WET (CFM)	109-134-201-286-364		170-237-300-385-498	232-299-375-470-581	347-420-487-562-661
	Airflow at Heating (Quiet — Lo — Med — Hi — Super Hi) *2	DRY (CFM)	145-170-237-321-406		205-247-304-367-463	297-385-469-565-646	388-469-544-628-738
	Sound Pressure Level at Cooling (Quiet — Lo — Med — Hi — Super Hi) *1	dB(A)	19-22-30-37-43	19-22-30-37-45	26-32-38-44-49	28-33-38-44-49	34-41-45-49-53
	Sound Pressure Level at Heating (Quiet — Lo — Med — Hi — Super Hi) *2	dB(A)	19-22-30-37-43	19-22-30-37-43	26-30-35-40-46	28-33-38-43-48	32-41-45-49-52
	External Finish Color		Munsell 1.0Y 9.2 / 0.2				
	Dimension Unit	W: In.	31-7/16			36-5/16	43-5/16
		D: In.	9-1/8			9-13/16	9-3/8
		H: In.	11-5/8			12	12-13/16
	Weight Unit	Lbs.	22			28	37
	Field Drainpipe Size O.D.	In.	5/8				
Remote Controller	TypeV		Compatible with multiple controls options including kumo cloud®				
Outdoor Unit	MCA	A	9		10	14	17.1
	MOCP	A	15				20
	Fan Motor (ECM)	F.L.A.	0.5			0.93	
	Compressor	Model (Type)	DC INVERTER-driven		DC INVERTER-driven Twin Rotary		
		R.L.A.	6.2	6.6	7.4	10.0	12.9
		L.R.A.	7.7	8.2	9.3	12.5	16.1
	Airflow (Cooling/Heating)	CFM	1,229/1,172	1,229 / 1,172	1,243 / 1,229	1,691 / 1,691	1,769 / 1,701
	Refrigerant Control		Linear Expansion Valve				
	Defrost Method		Reverse Cycle				
	Sound Pressure Level at Cooling *1	dB(A)	48	49		54	55
	Sound Pressure Level at Heating *2	dB(A)	50	51		55	
	External Finish Color		Munsell No. 3Y 7.8 / 1.1				
	Dimensions	W: In.	31-1/2			33-1/16	
		D: In.	11-1/4			13	
		H: In.	21-5/8			34-5/8	
	Weight	Lbs.	81			121	119
Refrigerant	Type		R410A				
	Charge	Lbs., Oz.	2, 5	2, 9		3, 9	4, 3
	Oil	Type (fl. oz.)	FV50S (9.1)	FV50S (11.8)			FV50S (13.5)
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2		5/8
	Liquid Side O.D.	In.	1/4				3/8
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	40			50	
	Length (Max.)	Ft.	65			100	
Connection Method	Indoor/Outdoor		Flared/Flared				

NOTES: Test conditions are based on AHRI 210/240.
*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
*3. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice. LIMITED WARRANTY I Five years parts and seven years compressor.

It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

ST SERIES SINGLE-ZONE HEAT PUMP SYSTEM

Model Name	Indoor Unit		NTXWST30A112A	NTXWST36A112A
	Outdoor Unit		NTXSST30A112A	NTXSST36A112A
Cooling *1	Rated Capacity	Btu/h	30,700	33,200
	Capacity Range	Btu/h	9,800–30,700	9,800–33,200
	Total Input	W	3,850 (620–3,850)	4,360 (620–4,360)
	Energy Efficiency	SEER	14.5	
	Moisture Removal	Pints/h	9.9	11.3
	Sensible Heat Factor		0.64	0.62
Heating at 47° F *2	Rated Capacity	Btu/h	32,600	35,200
	Capacity Range	Btu/h	8,700–34,000	8,700–36,000
	Total Input	W	3,360 (520–3,600)	3,840 (520–4,100)
	HSPF (Region IV)	Btu/h/W	8.2	
Heating at 17° F *3	Rated Capacity	Btu/h	19,500	21,800
	Rated Power Input	W	2,620	3,000
	Maximum Capacity	Btu/h	20,800	22,800
Power Supply *4	Phase, Cycle, Voltage		1 Phase, 60Hz, 208 / 230V	
Voltage	Indoor-Outdoor S1–S2		AC 208-230V	
	Indoor-Outdoor S2–S3		DC ±24V	
	Indoor-Remote Controller		Wireless Type (Optional Wired Controller: DC12V)	
Indoor Unit	MCA	A	1.0	
	Blower Motor (ECM)	F.L.A.	0.76	
	Airflow at Cooling (Lo — Med — Hi — Powerful) *1	DRY (CFM)	389-639-848-887	
		WET (CFM)	350-576-763-798	
	Airflow at Heating (Lo — Med — Hi — Powerful) *2	DRY (CFM)	445-639-848-887	
	Sound Pressure Level (Cooling) (Lo — Med — Hi — Powerful) *1	dB(A)	32-42-49-51	
	Sound Pressure Level (Heating) (Lo — Med — Hi — Powerful) *2		34-42-49-50	
	External Finish Color		Munsell No. 1.0Y 9.2 / 0.2	
	Dimension Unit	W: In.	46-1/16	
		D: In.	11-5/8	
		H: In.	14-3/8	
	Weight Unit	Lbs.	40	
	Field Drainpipe Size O.D.	In.	5/8	
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®	
Outdoor Unit	MCA	A	21	
	MOCP	A	25	
	Fan Motor (ECM)	F.L.A.	0.93	
	Compressor	Model (Type)	DC INVERTER-driven Twin Rotary	
		R.L.A.	16	
		L.R.A.	20	
	Airflow	CFM	1,941	
	Refrigerant Control		Linear Expansion Valve	
	Defrost Method		Revese Cycle	
	Sound Pressure Level at Cooling *1	dB(A)	55	56
	Sound Pressure Level at Heating *2	dB(A)	57	
	External Finish Color		Munsell No. 3Y 7.8/1.1	
	Dimensions	W: In.	33-1/16	
		D: In.	13	
		H: In.	33-7/16	
	Weight	Lbs.	141	
Refrigerant	Type		R410A	
	Charge	Lbs., Oz.	4, 10	
	Oil	Type (Fl. Oz.)	NEO22 (29.4)	
Refrigerant Pipe	Gas Side O.D.	In.	5/8	
	Liquid Side O.D.		3/8	
	Height Difference (Max.)	Ft.	50	
	Length (Max.)		100	
Connection Method	Indoor/Outdoor		Flared/Flared	

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C);Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice. LIMITED WARRANTY I Five years parts and seven years compressor.

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ML SERIES SINGLE-ZONE HEAT PUMP SYSTEM

Model Name	Indoor Unit		NTXWMT09A111A	NTXWMT12A111A
	Outdoor Unit		NTXSMT09A111A	NTXSMT12A111A
Cooling *1	Rated Capacity	Btu/h	9,000	12,000
	Capacity Range	Btu/h	3,800 –10,000	3,800 –12,000
	Rated Power Input	W	750	1,210
	Energy Efficiency	SEER	17	
	Moisture Removal	Pints/h	1.5	2.5
	Sensible Heat Factor		0.82	0.77
Heating at 47° F *2	Rated Capacity	Btu/h	6,700	7,600
	Capacity Range	Btu/h	4,500 – 11,800	4,500 – 14,500
	Rated Power Input	W	900	990
	HSPF (Region IV)	Btu/h/W	9.0	9.0
Heating at 17° F *3	Rated Capacity	Btu/h	6,700	7,600
	Rated Power Input	W	700	800
	Maximum Capacity	Btu/h	7,200	9,000
Heating at 5° F	Maximum Capacity	Btu/h	5,990	7,440
Power Supply *4	Phase, Cycle, Voltage		115V, 1 phase, 60Hz	
Voltage	Indoor-Outdoor S1 – S2		AC 115V	
	Indoor-Outdoor S2 – S3		DC ±24V	
	Indoor-Remote Controller		Wireless Type (Optional Wired Controller: DC12V)	
Indoor Unit	MCA	A	1.4	
	Blower Motor (ECM)	F.L.A.	1.07	
	Airflow at Cooling (Lo — Med — Hi — Powerful) *1	DRY (CFM)	170-237-321-399	
		WET (CFM)	134-201-286-364	
	Airflow at Heating (Lo — Med — Hi — Powerful) *2	DRY (CFM)	170-237-321-406	
	Sound Pressure Level (Cooling) (Lo — Med — Hi — Powerful) *1	dB(A)	22-30-37-43	
	Sound Pressure Level (Heating) (Lo — Med — Hi — Powerful) *2		22-30-37-43	
	External Finish Color		Munsell No. 1.0Y 9.2 / 0.2	
	Dimension Unit	W: In.	31-7/16	
		D: In.	9-1/8	
		H: In.	11-5/8	
	Weight Unit	Lbs.	22	
	Field Drainpipe Size O.D.	In.	5/8	
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®	
Outdoor Unit	MCA	A	12	14
	MOCP	A	15	
	Fan Motor (ECM)	F.L.A.	0.7	
	Compressor	Model (Type)	DC INVERTER-driven	
		R.L.A.	8.8	10.4
		L.R.A.	11.0	13.0
	Airflow	CFM	1,941	
	Refrigerant Control		Linear Expansion Valve	
	Defrost Method		Revese Cycle	
	Sound Pressure Level at Cooling *1	dB(A)	46	49
	Sound Pressure Level at Heating *2	dB(A)	50	51
	External Finish Color		Munsell No. 3Y 7.8/1.1	
	Dimensions	W: In.	31-1/2	
		D: In.	11-1/4	
		H: In.	21-5/8	
	Weight	Lbs.	73	
Refrigerant	Type		R410A	
	Charge	Lbs., Oz.	1, 12	
	Oil	Type (Fl. Oz.)	FV50S (9.1)	
Refrigerant Pipe	Gas Side O.D.	In.	3/8	
	Liquid Side O.D.		1/4	
	Height Difference (Max.)	Ft.	65	
	Length (Max.)		40	
Connection Method	Indoor/Outdoor		Flared/Flared	

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
*2. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
*3. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice. LIMITED WARRANTY I Five years parts and seven years compressor.
It is recommended to validate system performance via Diamond System Builder system selection software.
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ML SERIES SINGLE-ZONE HEAT PUMP SYSTEM

Model Name	Indoor Unit		NTXWMT09A112A	NTXWMT12A112A	NTXWMT15A112A	NTXWMT18A112A	NTXWMT24A112A
	Outdoor Unit		NTXSMT09A112A	NTXSMT12A112A	NTXSMT15A112A	NTXSMT18A112A	NTXSMT24A112A
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	14,000	17,200	22,500
	Capacity Range	Btu/h	3,800–10,000	3,800–12,200	3,100–16,000	5,800–18,000	5,800–22,500
	Rated Power Input	W	750	1210	1170	1640	2,630
	Energy Efficiency	SEER	18.0	18.0	18.0	18.0	18.0
	Moisture Removal	Pints/h	1.5	2.5	2.7	2.1	2.3
	Sensible Heat Factor		0.82	0.77	0.780	0.860	0.870
Heating at 47° F *2	Rated Capacity	Btu/h	10,900	12,200	18,000	18,000	26,000
	Capacity Range	Btu/h	4,500–11,800	4,500–14,500	4,800–18,500	5,400–20,900	5,400–26,000
	Rated Power Input	W	900	990	1,600	1,590	2,500
	HSPF (IV)	Btu/h/W	10.0	10.0	10.0	10.0	9.5
Heating at 17° F *3	Rated Capacity	Btu/h	6,700	7,600	11,500	11,500	18,500
	Rated Power Input	W	780	800	1,320	1,300	2,300
	Maximum Capacity	Btu/h	7,200	9,000	14,000	15,000	18,500
Heating at 5° F	Maximum Capacity	Btu/h	5,990	7,440	12,240	12,780	15,600
Power Supply *4	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V				
Voltage	Indoor — Outdoor S1 - S2		AC 208 / 230V				
	Indoor - Outdoor S2 - S3		DC ±24V				
	Indoor - Remote Controller		Wireless Type				
Indoor Unit	MCA	A	1.0				
	Blower Motor (ECM)	F.L.A.	0.76			0.67	
	Airflow at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1	DRY (CFM)	170-237-321-399		272-335-420-533	328-431-530-625	353-431-530-702
		WET (CFM)	134-201-286-364		237-300-385-498	295-388-477-562	318-388-477-632
	Airflow at Heating (Quiet-Lo-Med-Hi-Super Hi) *2	DRY (CFM)	170-237-321-406		247-304-367-463	307-431-530-625	346-448-579-702
	Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1	dB(A)	22-30-37-43		32-38-44-49	30-37-42-47	33-38-44-50
	Sound Pressure Level at Heating (Quiet-Lo-Med-Hi-Super Hi) *2	dB(A)	22-30-37-43		30-35-40-46	30-37-42-47	32-38-44-50
	External Finish Color		Munsell 1.0Y 9.2 / 0.2				
	Dimension Unit	W: In.	31-7/16			36-5/16	
		D: In.	9-1/8			9-13/16	
		H: In.	11-5/8			12	
	Weight Unit	Lbs.	22			28	
	Field Drainpipe Size O.D.	In.	5/8				
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®				
Outdoor Unit	MCA	A	9		10		14
	MOCP	A	15				
	Fan Motor (ECM)	F.L.A.	0.5				0.93
	Compressor	Model Type)	DC INVERTER-driven Twin Rotary				
		R.L.A.	6.2		7.4		10
		L.R.A.	7.7		9.3		12.5
	Airflow (Cooling / Heating)	CFM	1,151 / 1,225		1,243/1,229		1,691 / 1,691
	Refrigerant Control		Linear Expansion Valve				
	Defrost Method		Reverse Cycle				
	Sound Pressure Level at Cooling *1	dB(A)	46	49			54
	Sound Pressure Level at Heating *2	dB(A)	50	51			55
	External Finish Color		Munsell No. 3Y 7.8 / 1.1				
	Dimensions	W: In.	31-1/2				33-1/16
		D: In.	11-1/4				13
		H: In.	21-5/8				34-5/8
	Weight	Lbs.	73		81		121
Refrigerant	Type		R410A				
	Charge	Lbs., Oz.	1, 12		2, 9	2, 10	3, 9
	Oil	Type (fl. oz.)	NEO22 (10.8)		FV50S (11.8)		
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2		5/8
	Liquid Side O.D.	In.	1/4				3/8
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	40				50
	Length (Max.)	Ft.	65				100
Connection Method	Indoor/Outdoor		Flared/Flared				

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EL SERIES SINGLE-ZONE HEAT PUMP SYSTEM

Model Name	Indoor Unit		NTXWEL09A112A	NTXWEL12A112A	NTXWEL18A112A	NTXWEL24A112A
	Outdoor Unit		NTXSEL09A112A	NTXSEL12A112A	NTXSEL18A112A	NTXSEL24A112A
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	17,200	22,500
	Capacity Range	Btu/h	3,800 – 10,000	3,800 – 12,200	5,800 – 18,000	5,800 – 22,500
	Rated Power Input	W	820	1,330	1,720	2,810
	Energy Efficiency	SEER	16.0	16.0	16.0	16.0
	Moisture Removal	Pints/h	1.5	2.5	2.1	2.3
	Sensible Heat Factor		0.82	0.77	0.86	0.89
Heating at 47° F *2	Rated Capacity	Btu/h	10,900	12,200	18,000	26,000
	Capacity Range	Btu/h	4,500–11,800	4,500–14,500	5,400–20,900	5,400–26,000
	Rated Power Input	W	980	1,090	1,670	2,680
	HSPF (IV)	Btu/h/W	8.5	8.5	8.5	8.5
Heating at 17° F *3	Rated Capacity	Btu/h	6,700	7,600	11,500	18,500
	Rated Power Input	W	760	880	1,360	2,460
	Maximum Capacity	Btu/h	7,200	9,000	15,000	18,500
Heating at 5° F	Maximum Capacity	Btu/h	5,990	7,440	12,780	15,600
Power Supply *4	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V			
Voltage	Indoor — Outdoor S1 - S2		AC 208 / 230V			
	Indoor - Outdoor S2 - S3		DC ±24V			
	Indoor - Remote Controller		Wireless Type			
Indoor Unit	MCA	A	1.0			
	Blower Motor (ECM)	F.L.A.	0.76		0.67	
	Airflow at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1	DRY (CFM)	170-237-321-399		328-431-530-625	353-43-530-702
		WET (CFM)	134-201-286-364		295-388-477-562	318-388-477-632
	Airflow at Heating (Quiet-Lo-Med-Hi-Super Hi) *2	DRY (CFM)	170-237-321-406		307-431-530-625	346-448-579-702
	Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1	dB(A)	22-30-37-43		30-37-42-47	33-38-44-50
	Sound Pressure Level at Heating (Quiet-Lo-Med-Hi-Super Hi) *2	dB(A)	22-30-37-43		30-37-42-47	32-38-44-50
	External Finish Color		Munsell 1.0Y 9.2 / 0.2			
	Dimension Unit	W: In.	31-7/16		36-5/16	
		D: In.	9-1/8		9-13/16	
		H: In.	11-5/8		12	
	Weight Unit	Lbs.	22		28	
	Field Drainpipe Size O.D.	In.	5/8			
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®			
Outdoor Unit	MCA	A	9		10	14
	MOCP	A	15			
	Fan Motor (ECM)	F.L.A.	0.5			0.93
	Compressor	Model Type)	DC INVERTER-driven		DC INVERTER-driven Twin Rotary	
		R.L.A.	6.2		7.4	10.0
		L.R.A.	7.7		9.3	12.5
	Airflow (Cooling / Heating)	CFM	1,151 / 1,225		1,243 / 1,229	1,691 / 1,691
	Refrigerant Control		Linear Expansion Valve			
	Defrost Method		Reverse Cycle			
	Sound Pressure Level at Cooling *1	dB(A)	48	51	53	57
	Sound Pressure Level at Heating *2	dB(A)	50	51	51	55
	External Finish Color		Munsell No. 3Y 7.8 / 1.1			
	Dimensions	W: In.	31-1/2		33-1/16	
		D: In.	11-1/4		13	
		H: In.	21-5/8		34-5/8	
	Weight	Lbs.	73		81	121
Refrigerant	Type		R410A			
	Charge	Lbs., Oz.	1, 12		2, 10	3, 9
	Oil	Type (fl. oz.)	FV50S (9.1)		FV50S (11.8)	
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2	5/8
	Liquid Side O.D.	In.	1/4		1/4	3/8
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	65		65	100
	Length (Max.)	Ft.	40		40	50
Connection Method	Indoor/Outdoor		Flared/Flared			

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
*2. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
*3. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.
Specifications are subject to change without notice. LIMITED WARRANTY I Five years parts and seven years compressor.

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KS SERIES SINGLE ZONE FLOOR HEAT PUMP SYSTEM

Model Name	Indoor Unit		NTXFKS09A112A	NTXFKS12A112A	NTXFKS15A112A	NTXFKS18A112A
	Outdoor Unit		NTXSPF09A112A	NTXSPF12A112A	NTXSPF15A112A	NTXSPF18A112A
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	15,000	17,000
	Capacity Range	Btu/h	2,300–14,000	2,300–15,000	5,300–19,000	5,300–22,500
	Rated Power Input	W	570	890	1,120	1,350
	Energy Efficiency	SEER	28.2	25.5	21.8	21.0
	Moisture Removal	Pints/h	1.4	2.7	3.9	4.4
	Sensible Heat Factor		0.790	0.700	0.660	0.650
Heating at 47° F *2	Rated Capacity	Btu/h	11,000	13,000	18,000	21,000
	Capacity Range	Btu/h	2,900–19,000	2,900–22,800	5,700–25,000	5,700–29,000
	Rated Power Input	W	750	900	1,410	1,730
	HSPF (IV)	Btu/h/W	13	12	11.6	11.3
Heating at 17° F *3	Rated Capacity	Btu/h	7,500	8,800	12,000	12,800
	Rated Power Input	W	810	930	1,300	1,430
	Maximum Capacity	Btu/h	13,400	14,800	20,500	23,000
Heating at 5° F	Maximum Capacity	Btu/h	11,000	13,000	18,000	21,000
Power Supply *4	Phase, Cycle, Voltage		1 Phase, 60Hz, 208/230V			
Voltage	Indoor-Outdoor S1–S2		AC 208 / 230V			
	Indoor-Outdoor S2–S3		DC ±24V			
	Indoor-Remote Controller		Wireless Type (Optional Wired Controller: DC12V)			
Indoor Unit	MCA	A	1.0			
	Fan Motor FLA	A	0.62			0.72
	Fan Motor Output	W	30			40
	Airflow at Cooling (Quiet — Lo — Med — Hi — Super Hi) *1	DRY (CFM)	138-198-272-360-417		198-254-311-392-431	198-254-328-420-491
		WET (CFM)	117-168-231-306-354		168-216-264-333-366	168-216-279-357-417
	Airflow at Heating (Quiet — Lo — Med — Hi — Super Hi) *2	DRY (CFM)	138-191-254-328-417		212-268-328-399-470	212-268-328-399-470
	Sound Pressure Level at Cooling (Quiet — Lo — Med — Hi — Super Hi) *1	dB(A)	21-27-34-41-46		28-33-38-43-47	28-33-39-45-50
	Sound Pressure Level at Heating (Quiet — Lo — Med — Hi — Super Hi) *2	dB(A)	21-27-34-40-46		29-35-40-45-49	
	External Finish Color		Munsell 1.0Y 9.2 / 0.2			
	Dimension Unit	W: In.	29-17/32			
		D: In.	8-15/32			
		H: In.	23-5/8			
	Weight Unit	Lbs.	33			
	Field Drainpipe Size O.D.	In.	5/8			
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®			
Outdoor Unit	MCA	A	11		16	
	MOCP	A	15		20	
	Fan Motor FLA	A	0.50		0.93	
	Fan Motor Output	W	50		77	
	Compressor	Model (Type)	DC INVERTER-driven Twin Rotary			
		R.L.A.	8.2			
		L.R.A.	10.3			
	Airflow (Cooling / Heating)	CFM	1,215 / 1,201		1,653 / 1,730	
	Refrigerant Control		Linear Expansion Valve			
	Defrost Method		Reverse Cycle			
	Sound Pressure Level at Cooling *1	dB(A)	48		51	
	Sound Pressure Level at Heating *2	dB(A)	50		55	
	External Finish Color		Munsell No. 3Y 7.8 / 1.1			
	Dimensions	W: In.	31-1/2		33-1/16	
		D: In.	11-1/4		13	
		H: In.	21-5/8		34-5/8	
	Weight	Lbs.	83		124	
Refrigerant	Type		R410A			
	Charge	Lbs., Oz.	2, 10		3, 5	
	Oil	Type (fl. oz.)	FV50S (11.8)		FV50S (13.5)	
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2	
	Liquid Side O.D.	In.	1/4			
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	40		50	
	Length (Max.)	Ft.	65		100	
Connection Method	Indoor/Outdoor		Flared / Flared			

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).
*2. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).
*3. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).
*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice. LIMITED WARRANTY I Five years parts and seven years compressor.
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Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

KS MULTI POSITION AHU SINGLE ZONE HEAT PUMP SYSTEM

Model Name	Indoor Unit		NTXAMT12A112A	NTXAMT18A112A	NTXAMT24A112A	NTXAMT30A112A	NTXAMT36A112A
	Outdoor Unit		NTXSKS12A112A	NTXSKS18A112A	NTXSKS24A112A	NTXSKS30A112A	NTXSKS36A112A
Cooling *1	Rated Capacity	Btu/h	12,000	18,000	24,000	27,000	33,000
	Capacity Range	Btu/h	4,300 – 12,000	6,200 – 18,000	12,400 – 24,000	13,500 – 27,000	11,600 – 33,000
	Rated Power Input	W	940	1,360	1,920	2,160	3,720
	Energy Efficiency	SEER	18.0	18.0	18.0	18.0	16.0
	Moisture Removal	Pints/h	1.2	2.4	4.1	2.4	4.7
	Sensible Heat Factor		0.89	0.85	0.81	0.90	0.84
Heating at 47° F *2	Rated Capacity	Btu/h	15,000	21,600	25,000	30,000	33,500
	Capacity Range	Btu/h	4,700 – 16,700	8,300 – 26,000	14,600 – 28,000	12,640 – 33,000	13,260 – 11,600
	Rated Power Input	W	1,210	1,600	1,910	2,060	3,030
	HSPF (IV)	Btu/h/W	12.1	12.6	10.4	13.6	11.7
Heating at 17° F *3	Rated Capacity	Btu/h	9,900	14,000	14,600	21,400	23,200
	Rated Power Input	W	1,120	1,460	1,590	1,950	2,710
	Maximum Capacity	Btu/h	9,900	14,000	14,600	21,400	23,200
Heating at 5° F	Maximum Capacity	Btu/h	7,800	12,200	-	-	-
Power Supply *4	Phase, Cycle, Voltage		1 Phase, 60Hz, 208 / 230V				
Voltage	Indoor-Outdoor S1–S2		AC 208-230V				
	Indoor-Outdoor S2–S3		DC ±24V				
Indoor Unit	MCA	A	3			4.13	
	Fan Motor (ECM)	F.L.A.	2.4			3.3	
	Airflow at Cooling (Lo — Med — Hi)	DRY (CFM)	278-381-448	471-573-675	515-625-735	613-744-875	767-910-910
	Airflow at Heating (Lo — Med — Hi)	DRY (CFM)	278-381-448	471-573-675	515-625-735	613-744-875	767-910-910
	External Static Pressure *3	In. W.G.	0.3 - 0.5 - 0.8				
	Sound Pressure Level	dB(A)	29-36-39	33-36-41	30-34-38	32-46-40	35-39-43
	External Finish		Black				
	Dimension Unit (Grille)	W: In.	17			21	
		D: In.	21-5/8				
		H: In.	39-13/16			43-3/4	
	Weight Unit (Grille)	Lbs.	93			119	
	Field Drainpipe Size O.D.	In.	3/4				
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®				
Outdoor Unit	MCA	A	9	14	17		
	MOCP	A	16	24	31		
	Fan Motor (ECM)	F.L.A.	0.5	0.67	1		
	Compressor	Model (Type)	DC INVERTER-driven Twin Rotary		DC INVERTER-driven	DC INVERTER-driven Twin Rotary	
		R.L.A.	6.6	10.0	13.0		
		L.R.A.	8.2	12.5	16.0		
	Airflow (Cooling/Heating)	CFM	1,229 / 1,172	1,691 / 1,691	2,020 / 1,930		
	Refrigerant Control		Linear Expansion Valve				
	Defrost Method		Reverse cycle				
	Sound Pressure Level at Cooling *1	dB(A)	49	54	55		
	Sound Pressure Level at Heating *2	dB(A)	51	55			
	External Finish Color		Munsell No. 3Y 7.8/1.1				
	Dimensions	W: In.	31-1/2	33-1/6			
		D: In.	11-1/4	13			
		H: In.	21-5/8	34-5/8			
	Weight	Lbs.	81	127	129		
Refrigerant	Type		R410A				
	Charge	Lbs., Oz.	2, 9	3, 9	4, 14		
	Oil	Type (fl. oz.)	FV50S (11.8)		FV50S (15.6)		
Refrigerant Pipe	Gas Side O.D.	In.	3/8	1/2	5/8		
	Liquid Side O.D.	In.	1/4		3/8		
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	40	50	100		
	Length (Max.)	Ft.	65	100	100		
Connection Method	Indoor/Outdoor		Flared/Flared				

NOTES: Test conditions are based on AHRI 210/240.

*1.Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2.Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3.Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4.Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

KS SERIES FOUR WAY CASSETTE SINGLE ZONE HEAT PUMP SYSTEM

Model Name	Indoor Unit / Outdoor Unit		NTXCKS09A112A / NTXSKS09A112A	NTXCKS12A112A / NTXSKS12A112A	NTXCKS15A112A / NTXSKS15A112A	NTXCKS18A112A / NTXSKS18A112A
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	14,100	17,700
	Capacity Range	Btu/h	3,600 – 9,000	3,900 – 12,000	5,100 – 14,100	6,100 – 17,700
	Rated Power Input	W	670	900	1,150	1,410
	Energy Efficiency	SEER	22.4	22.0	19.8	20.7
	Moisture Removal	Pints/h	1.0	2.8	3.2	4.7
	Sensible Heat Factor		0.87	0.74	0.75	0.71
Heating at 47° F *2	Rated Capacity	Btu/h	11,000	13,000	18,000	19,700
	Capacity Range	Btu/h	11,000 – 12,000	13,000 – 13,000	18,000 – 18,000	19,700 – 20,900
	Rated Power Input	W	4,010	4,800	5,100	8,400
	HSPF (IV)	Btu/h/W	12.2	11.4	11.2	11.6
Heating at 17° F *3	Rated Capacity	Btu/h	6,900	8,900	11,900	12,900
	Rated Power Input	W	810	1,130	1,290	1,410
	Maximum Capacity	Btu/h	6,900	8,900	11,900	12,900
Heating at 5° F	Maximum Capacity	Btu/h	5,600	6,100	8,900	9,800
Power Supply *4	Phase, Cycle, Voltage		1 Phase, 60Hz, 208 / 230V			
Voltage	Indoor-Outdoor S1–S2		AC 208-230V			
	Indoor-Outdoor S2–S3		DC ±24V			
Indoor Unit	MCA	A	0.25	0.30	0.40	0.54
	Fan Motor (ECM)	F.L.A.	0.20	0.24	0.32	0.43
	Airflow at Cooling (Lo — Med — Hi)	DRY (CFM)	230-265-300	230-265-335	245-315-405	300-420-475
		WET (CFM)	207-239-270	207-252-302	221-284-365	270-378-429
	Airflow at Heating (Lo — Med — Hi)	DRY (CFM)	230-265-335	230-265-335	245-315-405	300-420-475
	Sound Pressure Level at Cooling *1	dB(A)	25-28-31	25-30-34	27-34-39	32-40-43
	Sound Pressure Level at Heating *2	dB(A)				
	External Finish		Galvanized Steel Sheets; Grille: Munsell 1.0Y 9.2/0.2			
	Dimension Unit (Grille)	W: In.	22-7/16 (25-5/8)			
		D: In.	22-7/16 (25-5/8)			
		H: In.	9-1/4 (13/16)			
	Weight Unit (Grille)	Lbs.	37 (TBD)			
	Drain-lift Mechanism (Included)	H: In.	33			
	Field Drainpipe Size O.D.	In.	1-1/4			
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®			
Outdoor Unit	MCA	A	9		10	14
	MOCP	A	15	16	18	24
	Fan Motor (ECM)	F.L.A.	0.50			0.67
	Compressor	Model (Type)	DC INVERTER-driven	DC INVERTER-driven Twin Rotary		
		R.L.A.	6.2	6.6	7.4	10.0
		L.R.A.	7.7	8.2	9.3	12.5
	Airflow (Cooling/Heating)	CFM	1,229 / 1,172		1,243 / 1,229	1,691 / 1,691
	Refrigerant Control		Linear Expansion Valve			
	Defrost Method		Reverse Cycle			
	Sound Pressure Level at Cooling *1	dB(A)	48	49		54
	Sound Pressure Level at Heating *2	dB(A)	50	51		55
	External Finish Color		Munsell No. 3Y 7.8/1.1			
	Dimensions	W: In.	31-1/2			33-1/6
		D: In.	11-1/4			13
		H: In.	21-5/8			34-5/8
	Weight	Lbs.	81			127
Refrigerant	Type		R410A			
	Charge	Lbs., Oz.	2, 5	2, 9		3, 9
	Oil	Type (fl. oz.)	FV50S (9.1)	FV50S (11.8)		
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2	
	Liquid Side O.D.	In.	1/4			
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	40			50
	Length (Max.)	Ft.	65			100
Connection Method	Indoor/Outdoor		Flared/Flared			

NOTES: Test conditions are based on AHRI 210/240.

*1.Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2.Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3.Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4.Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

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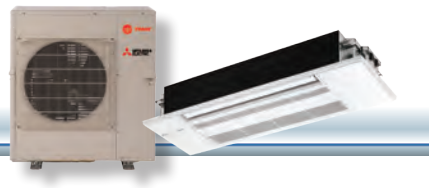
KS SERIES ONE WAY CASSETTE SINGLE ZONE HEAT PUMP SYSTEM



Model Name	Indoor Unit		NTXUKS09A112A	NTXUKS12A112A	NTXUKS18A112A
	Outdoor Unit		NTXSKS09A112A	NTXSKS12A112A	NTXSKS18A112A
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	18,000
	Capacity Range	Btu/h	3,600 –9,000	3,900 – 12,000	6,600 – 18,000
	Rated Power Input	W	710	960	1,440
	Energy Efficiency	SEER	19.5	19.8	22.3
	Moisture Removal	Pints/h	1.5	2.8	5.3
	Sensible Heat Factor		0.82	0.74	0.67
Heating at 47° F *2	Rated Capacity	Btu/h	12,000	15,400	20,000
	Capacity Range	Btu/h	4,010 – 13,000	15,400 – 17,000	8,200 – 20,000
	Rated Power Input	W	860	1,300	1,170
	HSPF (IV)	Btu/h/W	13.3	12.1	12.4
Heating at 17° F *3	Rated Capacity	Btu/h	7,700	9,900	13,100
	Rated Power Input	W	700	1,020	1,340
	Maximum Capacity	Btu/h	7,700	9,900	13,100
Heating at 5° F	Maximum Capacity	Btu/h	6,100	7,900	10,700
Power Supply *4	Phase, Cycle, Voltage		1 Phase, 60Hz, 208 / 230V		
Voltage	Indoor-Outdoor S1–S2		AC 208-230V		
	Indoor-Outdoor S2–S3		DC ±24V		
Indoor Unit	MCA	A	1		
	Fan Motor (ECM)	F.L.A.	0.76		
	Airflow at Cooling (High — Med. — Low — SLow)	DRY (CFM)	212-254-283-311	212-258-297-332	212-293-346-403
		WET (CFM)	180-216-240-264	180-219-252-282	180-249-294-343
	Airflow at Heating (High — Med. — Low — SLow)	DRY (CFM)	212-247-290-325	212-272-311-350	212-311-364-417
	Sound Pressure Level (Cooling)	dB(A)	27-31-34-38	27-32-36-40	29-36-41-47
	Sound Pressure Level (Heating)	dB(A)	26-29-34-37	26-32-36-40	26-37-42-48
	Unit/Grille External Finish		White/Ivory Munsell 3Y 7.8/1.1		
	Dimension Unit (Grille)	W: In.	43-3/8 (47-1/4)		
		D: In.	14-3/16 (16-11/16)		
		H: In.	7-5/16 (15/16+1/2)		
	Weight Unit (Grille)	Lbs.	41 (10.8)		
	Drain-lift Mechanism	H: In.	19-11/16		
	Field Drainpipe Size O.D.	In.	1-1/4		
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®		
Outdoor Unit	MCA	A	9		14
	MOCP	A	15	16	24
	Fan Motor (ECM)	F.L.A.	0.50		0.67
	Compressor	Model (Type)	DC INVERTER-driven	DC INVERTER-driven Twin Rotary	
		R.L.A.	6.2	6.6	10.0
		L.R.A.	7.7	8.2	12.5
	Airflow (Cooling/Heating)	CFM	1,229 / 1,172		1,691 / 1,691
	Refrigerant Control		Linear Expansion Valve		
	Defrost Method		Reverse Cycle		
	Sound Pressure Level at Cooling *1	dB(A)	48	49	54
	Sound Pressure Level at Heating *2	dB(A)	50	51	55
	External Finish Color		Munsell No. 3Y 7.8/1.1		
	Dimensions	W: In.	31-1/2		33-1/6
		D: In.	11-1/4		13
		H: In.	21-5/8		34-5/8
	Weight	Lbs.	81		127
Refrigerant	Type		R410A		
	Charge	Lbs., Oz.	2, 5	2, 9	3, 9
	Oil	Type (fl. oz.)	FV50S (9.1)	FV50S (11.8)	
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2
	Liquid Side O.D.	In.	1/4		
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	40		50
	Length (Max.)	Ft.	65		100
Connection Method	Indoor/Outdoor		Flared/Flared		

NOTES: Test conditions are based on AHRI 210/240.

*1.Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2.Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3.Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4.Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

It is recommended to validate system performance via Diamond System Builder system selection software.
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KS SERIES ONE WAY CASSETTE SINGLE ZONE HEAT PUMP SYSTEM

Model Name	Indoor Unit		NTXDKS09A112A	NTXDKS12A112A	NTXDKS15A112A	NTXDKS18A112A
	Outdoor Unit		NTXSKS09A112A	NTXSKS12A112A	NTXSKS15A112A	NTXSKS18A112A
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	15,000	18,000
	Capacity Range	Btu/h	3,900 – 9,000	4,000 – 12,000	5,200 – 15,000	6,100 – 18,000
	Rated Power Input	W	700	930	1,150	1,310
	Energy Efficiency	SEER	18.8	20.5	19.0	20.0
	Moisture Removal	Pints/h	1.5	1.9	1.9	2.8
	Sensible Heat Factor		0.82	0.82	0.86	0.82
Heating at 47° F *2	Rated Capacity	Btu/h	12,000	15,000	18,000	21,600
	Capacity Range	Btu/h	4,200	4,800	5,000	8,100
	Rated Power Input	W	1,100	1,330	1,440	1,580
	HSPF (IV)	Btu/h/W	18.8	20.5	19.0	20.0
Heating at 17° F *3	Rated Capacity	Btu/h	7,600	10,000	11,700	13,900
	Rated Power Input	W	880	1,180	1,280	1,420
	Maximum Capacity	Btu/h	6,700	9,000	11,900	13,100
Heating at 5° F	Maximum Capacity	Btu/h	6,000	7,900	10,000	12,000
Power Supply *4	Phase, Cycle, Voltage		1 Phase, 60Hz, 208 / 230V			
Voltage	Indoor-Outdoor S1–S2		AC 208-230V			
	Indoor-Outdoor S2–S3		DC ±24V			
Indoor Unit	MCA	A	1			
	Fan Motor (ECM)	F.L.A.	0.51	0.57	0.74	
	Airflow at Cooling (Lo — Med — Hi)	DRY (CFM)	194-247-317	247-317-388	353-441-529	423-529-635
		WET (CFM)	174-222-285	222-285-349	317-396-476	381-476-572
	Airflow at Heating (Lo — Med — Hi)	DRY (CFM)	194-247-317	247-317-388	353-441-529	423-529-635
	External Static Pressure	In. W.G.	0.02-0.06-0.14-0.20			
	Sound Pressure Level (Lo — Med — Hi)	dB(A)	23-26-30	23-28-33	30-34-37	30-34-38
	External Finish		Galvanized — Steel Sheets			
	Dimension Unit	W: In.	31-1/8	39		46-7/8
		D: In.	27-9/16			
		H: In.	7-7/8			
	Weight Unit	Lbs.	42	50	54	62
	Drain-lift Mechanism	H: In.	21-21/32			
	Field Drainpipe Size O.D.	In.	1-1/4			
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®			
Outdoor Unit	MCA	A	9		10	14
	MOCP	A	15	16	18	24
	Fan Motor (ECM)	F.L.A.	0.50			0.67
	Compressor	Model (Type)	DC INVERTER-driven	DC INVERTER-driven Twin Rotary		
		R.L.A.	6.2	6.6	7.4	10.0
		L.R.A.	7.7	8.2	9.3	12.5
	Airflow (Cooling/Heating)	CFM	1,229 / 1,172		1,243 / 1,229	1,691 / 1,691
	Refrigerant Control		Linear Expansion Valve			
	Defrost Method		Reverse Cycle			
	Sound Pressure Level at Cooling *1	dB(A)	48	49		54
	Sound Pressure Level at Heating *2	dB(A)	50	51		55
	External Finish Color		Munsell No. 3Y 7.8/1.1			
	Dimensions	W: In.	31-1/2			33-1/6
		D: In.	11-1/4			13
		H: In.	21-5/8			34-5/8
	Weight	Lbs.	81			127
Refrigerant	Type		R410A			
	Charge	Lbs., Oz.	2, 5	2, 9		3, 9
	Oil	Type (fl. oz.)	FV50S (9.1)	FV50S (11.8)		
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2	
	Liquid Side O.D.	In.	1/4			
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	40			50
	Length (Max.)	Ft.	65			100
Connection Method	Indoor/Outdoor		Flared/Flared			

NOTES: Test conditions are based on AHRI 210/240.

*1.Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2.Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3.Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4.Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

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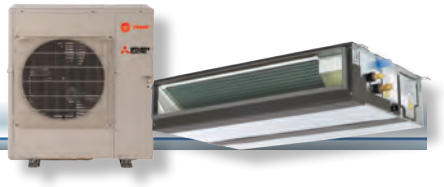
KS SERIES HORIZONTAL DUCTED SINGLE ZONE HEAT PUMP SYSTEM



Model Name	Indoor Unit		PEAD-A09AA7	PEAD-A12AA7	PEAD-A15AA7	PEAD-A18AA7	PEAD-A24AA7	PEAD-A30AA7	PEAD-A36AA7
	Outdoor Unit		NTXSKS09A112A	NTXSKS12A112A*5	NTXSKS15A112A	NTXSKS18A112A	NTXSKS24A112A	NTXSKS30A112A	NTXSKS36A112A
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	15,000	18,000	24,000	27,000	33,000
	Capacity Range	Btu/h	4,300 – 9,000	4,400 – 12,000	5,500 – 15,000	6,200 – 18,000	12,000 – 24,000	13,200 – 27,000	14,000 – 33,000
	Rated Power Input	W	720	930	1,150	1,270	1,920	2,160	3,510
	Energy Efficiency	SEER	19.7	20.5	19.2	19.8	18.0	18.0	16.0
	Moisture Removal	Pints/h	0.8	1.1	1.3	3.2	4.9	3.9	4.8
	Sensible Heat Factor		0.9	0.9	0.9	0.8	0.77	0.84	0.84
Heating at 47° F *2	Rated Capacity	Btu/h	12,000	15,000	18,000	21,600	25,000	30,000	33,500
	Capacity Range	Btu/h	3,960 – 13,000	4,800 – 17,000	4,900 – 21,500	8,120 – 25,600	14,400 – 28,000	15,860 – 33,000	14,750 – 36,000
	Rated Power Input	W	900	1,160	1,350	1,600	1,990	2,410	3,170
	HSPF (IV)	Btu/h/W	12.6	13.0	11.6	12.9	11.2	12.6	11.6
Heating at 17° F *3	Rated Capacity	Btu/h	7,600	9,900	11,300	14,000	15,000	22,400	23,100
	Rated Power Input	W	880	1,070	1,350	1,440	1,650	1,920	2,830
	Maximum Capacity	Btu/h	7,600	9,900	11,300	1,400	15,000	22,400	23,100
Heating at 5° F	Maximum Capacity	Btu/h	6,100	7,900	10,100	12,000	-	-	-
Power Supply *4	Phase, Cycle, Voltage		1 Phase, 60Hz, 208 / 230V						
Voltage	Indoor-Outdoor S1–S2		AC 208-230V						
	Indoor-Outdoor S2–S3		DC ±24V						
Indoor Unit	MCA	A	1.45		1.69		2.63	2.73	3.3
	Blower Motor (ECM)	F.L.A.	1.16		1.35		2.1	2.18	2.64
	Airflow at Cooling/Heating (Lo — Med — Hi)	DRY (CFM)	282-318-353	353-424-494	424-512-600		512-636-742	618-742-883	847-1,024-1,201
		WET (CFM)	254-286-318	318-382-445	382-461-540		461-572-667	556-668-795	762-922-1,081
	External Static Pressure	In. W.G.	0.14-0.20-0.28-0.40-0.60						
	Sound Pressure Level (Lo — Med — Hi)	dB(A)	24-26-28	28-30-34	30-33-37			30-34-39	33-38-42
	External Finish		Galvanized						
	Dimension Unit	W: In.	35-7/16					43-5/16	55-1/8
		D: In.	28-7/8						
		H: In.	9-7/8						
	Weight Unit	Lbs.	58		62		69		86
	Drain-lift Mechanism	H: In.	27-9/16						
	Field Drainpipe Size O.D.	In.	1-1/4						
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®						
Outdoor Unit	MCA	A	9		10	14	17		
	MOCP	A	15	16	18	24	31		
	Fan Motor (ECM)	F.L.A.	0.50			0.67	1		
	Compressor	Model (Type)	DC INVERTER-driven	DC INVERTER-driven Twin Rotary			DC INVERTER-driven	DC INVERTER-driven Twin Rotary	
		R.L.A.	6.2	6.6	7.4	10.0	13.0		
		L.R.A.	7.7	8.2	9.3	12.5	16.0		
	Airflow (Cooling/ Heating)	CFM	1,229 / 1,172		1,243 / 1,229	1,691 / 1,691	2,020 / 1,930		
	Refrigerant Control		Linear Expansion Valve						
	Defrost Method		Reverse Cycle						
	Sound Pressure Level at Cooling *1	dB(A)	48	49		54	55		
	Sound Pressure Level at Heating *2	dB(A)	50	51		55	55		
	External Finish Color		Munsell No. 3Y 7.8/1.1						
	Dimensions	W: In.	31-1/2			33-1/6			
		D: In.	11-1/4			13			
		H: In.	21-5/8			34-5/8			
	Weight	Lbs.	66	77	80	127 (58)	129 (59)		
Refrigerant	Type		R410A						
	Charge	Lbs., Oz.	2, 5	2, 9		3, 9	4, 14		
	Oil	Type (fl. oz.)	FV50S (9.1)	FV50S (11.8)			FV50S (15.6)		
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2		5/8		
	Liquid Side O.D.	In.	1/4				3/8		
Refrigerant Pipe Length	Height Difference (Max.)	Ft.	40			50	100		
	Length (Max.)	Ft.	65			100			
Connection Method	Indoor/Outdoor		Flared/Flared						

NOTES: Test conditions are based on AHRI 210/240.

*1.Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2.Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3.Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4.Indoor units receive power from outdoor units through field-supplied interconnected wiring.

*5. Port adapter (MAC-A455JP-E) is needed for PEAD-A12AA7 connection with NTXSKS12A112A.

Specifications are subject to change without notice. LIMITED WARRANTY I Five years parts and seven years compressor.

It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

MX SERIES MULTI-ZONE HEAT PUMP

Model Name		Outdoor Unit		NTXMMX20A122A *5	NTXMMX24A132A *5	NTXMMX30A132A	NTXMMX36A142A *6	NTXMMX42A152A
Indoor Unit	Cooling *1 Non-ducted/ Ducted	Rated Capacity	Btu/h	18,000/20,000	22,000/23,600	28,400/27,400	35,400/34,400	40,500/37,500
		Capacity Range	Btu/h	5,700–20,000	12,600–22,000 / 12,600–25,500	12,600–28,400 / 12,600–27,400	12,600–36,400 / 12,600–34,800	6,000–43,000
		Rated Power Input	W	1,417/ 2,000	1,620/2,100	2,680/2,840	3,760/3,940	4,403/4,112
	Heating at 47° F *2 Non-ducted/ Ducted	Rated Capacity	Btu/h	22,000	25,000/24,600	28,600/27,600	36,000/34,400	45,000/41,000
		Capacity Range	Btu/h	7,400 - 25,000	11,400–30,600/ 11,400–29,400	11,400–36,000/ 11,400–35,000	11,400–43,000/ 11,400–41,400	7,200–53,600
		Rated Power Input	W	1,641/ 1,771	1,750/1,900	2,150/2,220	3,020/3,100	3,575/3,463
	Heating at 17° F *3 Non-ducted/ Ducted	Rated Capacity	Btu/h	12,500/ 13,500	14,000/14,000	16,000/15,100	22,200/20,300	24,400/23,000
		Maximum Capacity	Btu/h	15,500/14,500	19,600/19,600	21,000/21,000	26,600/26,600	30,500/29,100
		Rated Power Input	W	1,300/1,350	2,120/2,230	2,120/2,140	3,340/3,450	2,943/2,869
	Heating at 5° F	Maximum Capacity	Btu/h	11,100/10,900	18,200	18,200	24,000	26,000
Power Supply *7		Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V				
Voltage		Indoor-Outdoor S1–S2		AC 208 / 230V				
		Indoor-Outdoor S2–S3		DC ±24V				
Outdoor Unit *4		MCA	A	17.2	22.1		22.1	32.5
		MOCP	A	20	25			40
		Fan Motor (ECM)	F.L.A.	1.77	2.43			
		Compressor	Model (Type)	DC INVERTER-driven Twin Rotary				
			R.L.A.	10.7	12			20
			L.R.A.	15.5	13.7			28.8
		Airflow (Cooling/Heating)	CFM	1,342/1,458		2,068/1,605	1,365/1,605	2,118/2,542
		Refrigerant Control		Linear Expansion Valve				
		Defrost Method		Reverse Cycle				
		Sound Pressure Level at Cooling *1	dB(A)	50	51	52	54	56
		Sound Pressure Level at Heating *2	dB(A)	54	55	56		58
		External Finish Color		Munsell No. 3.0Y 7.8 / 1.1				
		Dimensions	W: In.	33-1/16	37-13/32			
			D: In.	13				
			H: In.	27-15/16	31-11/32			41-9/32
		Weight	Lbs.	126	137	137	139	189
Indoor Unit		No. of Units		2		2, 3	2, 3, 4	2,3,4,5
Remote Controller		Type		Associated with the Indoor Unit				
Refrigerant		Type		R410A				
		Charge	Lbs., Oz.	3, 15	6, 13			8, 13
		Oil	Type (fl. oz.)	NEO22 (20.3)	FV50S (24.7)			FV50S (37.4)
Refrigerant Pipe		Gas Side O.D.	In.	A, B: 3/8	A: 1/2; B C: 3/8	A: 1/2; B, C: 3/8	A: 1/2; B, C, D: 3/8	A: 1/2; B,C,D,E: 3/8
		Liquid Side O.D.	In.	1/4				
Max Refrigerant Line Length			Ft.	164	230			
Max. Piping Length for Each Indoor Unit				82				
Max. Refrigerant Pipe Height Difference		If IDU is Above ODU	Ft.	49				
		If IDU is Below ODU	Ft.	33	49			
Connection Method		Indoor/Outdoor		Flared/Flared				

NOTES: Test conditions are based on AHRI 210/240. One indoor unit is turned off during low-speed testing under the new test conditions. Systems actually exhibit higher energy efficiencies during normal operation.

*1. Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4. Refer to pages 47–55 for Indoor Unit specifications.

*5. Data from combination of two Indoor Units 6,000 Btu/h and one 9,000 Btu/h (non-ducted) or three 9,000 Btu/h (ducted).

*6. Data from combination of four Indoor Units 9,000 Btu/h (non-ducted and ducted).

*7. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY | Five years parts and seven years compressor.

It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

MULTI-ZONE | MX SERIES NTXMMX | HEAT PUMP

Model Name		Outdoor Unit		NTXMMX48A182A *8	NTXMMX60A182A *8
Indoor Unit	Cooling *1 Non-ducted/ Ducted	Rated Capacity	Btu/h	48,000/48,000	60,000/60,000
		Capacity Range	Btu/h	6,000–48,000	6,000–60,000
		Rated Power Input	W	4,000/5,050	4,800/6,250
	Heating at 47° F *2 Non-ducted/ Ducted	Rated Capacity	Btu/h	54,000/54,000	66,000/66,000
		Capacity Range	Btu/h	7,200 – 54,000	7,200 – 66,000
		Rated Power Input	W	4,220/4,990	4,870/4,750
	Heating at 17° F *3 Non-ducted/ Ducted	Rated Capacity	Btu/h	36,600/36,600	41,500/40,500
		Maximum Capacity	Btu/h	36,600/36,600	65,000/58,000
		Rated Power Input	W	3,720/4,420	4,870/4,750
	Heating at 5° F Non-ducted/ Ducted	Maximum Capacity	Btu/h	57,000/42,000	42,000/57,000
Power Supply *7		Phase, Cycle, Voltage		1-phase, 60Hz, 208/230V	
Voltage		Indoor-Outdoor S1 – S2		AC 208/230V	
		Indoor-Outdoor S2 – S3		DC ±24V	
Outdoor Unit *4		MCA	A	37	46
		MOCP	A	52	52
		Compressor	Model (Type)	DC INVERTER-driven Scroll Hermetic	
			R.L.A.	19	18
			L.R.A.	22	29
		Airflow (Cooling/Heating)	CFM	3,885	4,879
		Refrigerant Control		Linear Expansion Valve	
		Defrost Method		Reverse Cycle	
		Sound Pressure Level at Cooling *1	dB(A)	51	58
		Sound Pressure Level at Heating *2	dB(A)	54	59
		External Finish Color		Munsell No. 3.0Y 7.8/1.1	
		Dimensions	W: In.	41-11/32	
			D: In.	13+1	
			H: In.	52-11/16	
		Weight	Lbs.	269	309
Indoor Unit		No. of Units		2, 3, 4, 5, 6, 7, 8	2, 3, 4, 5, 6*, 7, 8
Remote Controller		Type		Associated with the Indoor Unit	
Refrigerant		Type		R410A	
		Charge	Lbs., Oz.	10, 9	11, 4
		Oil	Type (fl. oz.)	FV50S (73)	
Refrigerant Pipe		Gas Side O.D.	In.	5/8	3/4
		Liquid Side O.D.	In.	3/8	
Max Refrigerant Line Length			Ft.	492	
Max. Piping Length for Each Indoor Unit				262	
Max. Refrigerant Pipe Height Difference		If IDU is Above ODU	Ft.	131**	131**
		If IDU is Below ODU	Ft.	164**	164**
Connection Method		Indoor/Outdoor		Flared/Flared	

NOTES: Test conditions are based on AHRI 210/240. One indoor unit is turned off during low-speed testing under the new test conditions. Systems actually exhibit higher energy efficiencies during normal operation.

*1. Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4. Refer to pages 47–55 for Indoor Unit specifications.

*5. Data from combination of two Indoor Units 6,000 Btu/h and one 9,000 Btu/h (non-ducted) or three 9,000 Btu/h (ducted).

*6. Data from combination of four Indoor Units 9,000 Btu/h (non-ducted and ducted).

*7. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

*8. NTXMMX48A182A and NTXMMX60A182A require branch box for operation.

* When the system includes one or more PLA-A·EA7, the number of the maximum connectable indoor units is decreased as follows: 3 for NTXMPH36A142A, 4 for NTXMPH42A152A, and 6 for NTXMMX48A182A and NTXMMX60A182A.

** Branch Box should be placed within the level between the outdoor unit and indoor units.

Specifications are subject to change without notice. LIMITED WARRANTY | Five years parts and seven years compressor.

It is recommended to validate system performance via Diamond System Builder system selection software. Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

Model Name			TAC-MKA31BC	TAC-MKA51BC
Connectable No. of Indoor Units			3	5
Power Supply	Phase, Cycle, Voltage		1 Phase, 60Hz, 208 / 230V	
Power Input		W	3	
Current		A	0.05	
External Finish			Galvanized-Steel Sheets	
Dimensions	Width	In.	17-2 3/32	
	Depth	In.	11-1/32	
	Height	In.	6-11/16	
Net Weight		Lbs.	15	16
Refrigerant Pipe Dimensions	Outdoor Unit to Branch Box	Gas (In.)	5/8	
		Liquid (In.)	3/8	
	Branch Box to Indoor Units	Gas (In.)	A,B,C: 3/8	A, B, C, D: 3/8; E: 1/2
		Liquid (In.)	A,B,C: 1/4	A, B, C, D, E: 1/4

Only a single lineset is needed from the outdoor unit to branch box.
Branch Boxes: (At least one branch box required)

TAC-MKA31BC

TAC-MKA51BC

PRO-HEAT MULTI-ZONE HEAT PUMP

Model Name		Outdoor Unit		NTXMPH20A122A	NTXMPH24A132A	NTXMPH30A132A
Indoor Units	Cooling *1 Non-ducted/ Ducted	Rated Capacity	Btu/h	18,000 / 20,000	22,000 / 23,600	28,400 / 27,400
		Capacity Range	Btu/h	6,000 – 20,000	6,000 – 23,600	6,000 – 28,400
		Rated Power Input	W	1,334 / 1,819	1,630 / 2,360	2,272 / 2,661
	Heating at 47° F *2 Non-ducted/Ducted	Rated Capacity	Btu/h	22,000 / 22,000	25,000 / 24,600	28,600 / 27,600
		Capacity Range	Btu/h	7,400 - 25,500	7,200 - 30,600	7,200 - 36,000
		Rated Power Input	W	1,612 / 1,748	1,725 / 1,871	2,096 / 2,187
	Heating at 17° F *3 Non-ducted/Ducted	Rated Capacity	Btu/h	13,700 / 13,700	14,000 / 14,000	18,000 / 16,500
		Maximum Capacity	Btu/h	22,000 / 22,000	25,000 / 24, 600	28,600 / 27, 600
		Rated Power Input	W	1,450 / 1,588	1,622 / 1,635	1,991 / 1,993
	Heating at 5° F	Maximum Capacity	Btu/h	22,000	25,000	28,600
Power Supply *5		Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V		
Voltage		Indoor - Outdoor S1 - S2		AC 208 / 230V		
		Indoor - Outdoor S2 - S3		DC ±24V		
Outdoor Unit *4		MCA	A	29.5	30.5	
		MOCP	A	40		
		Fan Motor (ECM)	F.L.A.	2.43		
		Compressor	Model (Type)	DC INVERTER-driven Twin Rotary		
			R.L.A.	12		
			L.R.A.	28.8		
		Airflow (Cooling/Heating)	CFM	2,118 / 2,542	2,118 / 2,542	2,224 / 2,542
		Refrigerant Control		Linear Expansion Valve		
		Defrost Method		Reverse Cycle		
		Sound Pressure Level at Cooling *1	dB(A)	54		
		Sound Pressure Level at Heating *2	dB(A)	58		
		External Finish Color		Munsell No. 3.0Y 7.8 / 1.1		
		Dimensions	W: In.	37-13/32		
			D: In.	13		
			H: In.	41-9/32		
		Weight	Lbs.	187	189	
Indoor Unit		No. of Units		2	2, 3	2, 3
Remote Controller		Type		Associated with the Indoor Unit		
Refrigerant		Type		R410A		
		Charge	Lbs., Oz.	6, 13		
		Oil	Type (fl. oz.)	FV50S (24.7)		
Refrigerant Pipe		Gas Side O.D.	In.	A,B: 3/8	A: 1/2; B,C: 3/8	A: 1/2; B,C: 3/8
		Liquid Side O.D.	In.	1/4		
Max Refrigerant Line Length			Ft.	164	230	
Max. Piping Length for Each Indoor Unit				82		
Max. Refrigerant Pipe Height Difference		If IDU is Above ODU	Ft.	49		
		If IDU is Below ODU	Ft.	49		
Connection Method		Indoor/Outdoor		Flared/Flared		

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4. Refer to pages 47–55 for Indoor Unit specifications.

*5. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY | Five years parts and seven years compressor.

It is recommended to validate system performance via Diamond System Builder system selection software.
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PRO-HEAT MULTI-ZONE HEAT PUMP

Model Name		Outdoor Unit		NTXMPH36A142A *6	NTXMPH42A152A *6	NTXMMX48A182A *6
Indoor Unit	Cooling *1 Non-ducted/ Ducted	Rated Capacity	Btu/h	36,000 / 36,000	42,000 / 42,000	48,000 / 48,000
		Capacity Range	Btu/h	6,000 – 36,000	6,000 – 42,000	6,000 – 48,000
		Rated Power Input	W	2,570 / 3,180	3,130 / 3,890	4,000 / 5,050
	Heating at 47° F *2 Non-ducted/Ducted	Rated Capacity	Btu/h	45,000 / 45,000	48,000 / 48,000	54,000 / 54,000
		Capacity Range	Btu/h	7,200 - 45,000	7,200 - 48,000	7200 - 54,000
		Rated Power Input	W	3,340 / 4,250	3,430 / 4,350	4,220 / 4,990
	Heating at 17° F *3 Non-ducted/Ducted	Rated Capacity	Btu/h	34,000 / 36,000	35,800 / 36,600	40,000 / 43,000
		Maximum Capacity	Btu/h	45,000 / 45,000	48,000 / 48,000	54,000 / 54,000
		Rated Power Input	W	3,500 / 4,590	3,650 / 4,290	4,340 / 5,250
	Heating at 5° F	Maximum Capacity	Btu/h	45,000	48,000	54,000
Power Supply		Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V		
Voltage		Indoor — Outdoor S1 – S2		AC 208 / 230V		
		Indoor — Outdoor S2 – S3		DC ±24V		
Outdoor Unit *4		MCA	A	42		
		MOCP	A	52		
		Fan Motor (ECM)	F.L.A.	0.4+0.4		
		Compressor	Model (Type)	DC INVERTER-driven Scroll Hermetic		
			R.L.A.	19		
			L.R.A.	22		
		Airflow (Cooling/Heating)	CFM	3,885 / 3,885		
		Refrigerant Control		Linear Expansion Valve		
		Defrost Method		Reverse Cycle		
		Sound Pressure Level at Cooling *1	dB(A)	49	50	51
		Sound Pressure Level at Heating *2	dB(A)	53	54	54
		External Finish Color		Munsell No. 3Y 7.8/1.1		
		Dimensions	W: In.	41-11/32		
			D: In.	13+1		
			H: In.	52-11/16		
		Weight	Lbs.	276		
Indoor Unit		No. of Units		2,3*,4	2,3,4*,5	2,3,4,5,6*,7,8
Remote Controller		Type		Associated with indoor unit		
Refrigerant		Type		R410A		
		Charge	Lbs., Oz.	10, 9		
		Oil	Type (fl. oz.)	FV50S (3.7)	FV50S (37.4)	FV50S (73)
Refrigerant Pipe		Gas Side O.D.	In.	5/8		
		Liquid Side O.D.	In.	3/8		
Max Refrigerant Line Length			Ft.	492		
Max. Piping Length for Each Indoor Unit				262		
Max. Refrigerant Pipe Height Difference		If IDU is Above ODU	Ft.	131**		
		If IDU is Below ODU	Ft.	164**		
Connection Method		Indoor/Outdoor		Flared/Flared		

NOTES: Test conditions are based on AHRI 210/240. One indoor unit is turned off during low-speed testing under the new test conditions. Systems actually exhibit higher energy efficiencies during normal operation.

*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

*4. Refer to pages 47–55 for Indoor Unit specifications.

*5. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

*6. NTXMPH36A142A, NTXMPH42A152A and NTXMMX48A182A require branch box for operation.

* When the system includes one or more PLA-A·EA7, the number of the maximum connectable indoor units is decreased as follows: 3 for NTXMPH36A142A, 4 for NTXMPH42A152A, and 6 for NTXMMX48A182A and NTXMMX60A182A.

** Branch box should be placed within the level between the outdoor unit and indoor units.

Specifications are subject to change without notice.
LIMITED WARRANTY | Five years parts and seven years compressor.

It is recommended to validate system performance via Diamond System Builder system selection software. Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

Model Name			TAC-MKA31BC	TAC-MKA51BC
Connectable No. of Indoor Units			3	5
Power Supply	Phase, Cycle, Voltage		1 Phase, 60Hz, 208 / 230V	
Power Input		W	3	
Current		A	0.05	
External Finish			Galvanized-Steel Sheets	
Dimensions	Width	In.	17-23/32	
	Depth	In.	11-1/32	
	Height	In.	6-11/16	
Net Weight		Lbs.	15	16
Refrigerant Pipe Dimensions	Outdoor Unit to Branch Box	Gas (In.)	5/8	
		Liquid (In.)	3/8	
	Branch Box to Indoor Units	Gas (In.)	A,B,C: 3/8	A, B, C, D: 3/8; E: 1/2
		Liquid (In.)	A,B,C: 1/4	A, B, C, D, E: 1/4

Only a single lineset is needed from the outdoor unit to branch box. Branch Boxes: (At least one branch box required)

TAC-MKA31BC

TAC-MKA51BC

PH SERIES WALL UNITS FOR MULT-ZONE SYSTEMS

(FOR NTXMMX/NTXMPH OUTDOOR UNITS)

Model Name	Indoor Unit		NTXWPH06A112A	NTXWPH09A112A	NTXWPH12A112A	NTXWPH15A112A	NTXWPH18A112A2
Cooling *1	Rated Capacity	Btu/h	6,000	9,000	12,000	15,000	17,200
Heating at 47° F *2	Rated Capacity	Btu/h	8,700	10,900	13,600	18,000	20,300
Power Supply *3	Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V				
Voltage	Indoor-Outdoor S1 – S2		AC 208 / 230V				
	Indoor-Outdoor S2 – S3		DC ±24V				
	MCA	A	1.0				
Fan	Blower Motor	F.L.A.	0.67				
	Airflow at Cooling (Quiet — Lo — Med — Hi — Super Hi)*1	DRY (CFM)	137-167-221-304-381	137-167-221-304-381	137-167-221-304-398	225-262-304-355-411	225-262-304-355-459
		WET (CFM)	117-143-190-261-328	117-143-190-261-328	117-143-190-261-342	194-225-261-305-354	194-225-261-305-395
	Airflow at Heating (Quiet — Lo — Med — Hi — Super Hi) *2	DRY (CFM)	140-167-225-325-437	140-167-225-325-437	140-167-225-325-454	201-254-317-394-497	201-254-317-394-514
Sound Pressure Level at Cooling (Quiet-Lo — Med — Hi — Super — Hi) *1		dB(A)	20-23-29-36-40	20-23-29-36-40	21-24-29-36-41	27-31-35-39-44	27-31-35-39-47
Sound Pressure Level at Heating (Quiet — Lo — Med — Hi — Super Hi) *2		dB(A)	20-24-29-36-42	20-24-29-36-42	21-24-29-36-42	25-29-34-39-46	25-29-34-39-46
External Finish Color			Munsell 1.0Y 9.2 / 0.2				
Dimension Unit		W: In.	36-7/16				
		D: In.	9-3/16				
		H: In.	12(+11/16)				
Weight Unit		Lbs.	29				
Field Drainpipe Size O.D.		In.	5/8				
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®				
Refrigerant	Type		R410A				
Refrigerant Pipe	Gas Side O.D.	In.	3/8			1/2	
	Liquid Side O.D.	In.	1/4				
Connection Method	Indoor/Outdoor		Flared/Flared				

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 17° F (-8° C), W.B. 15° F (-9° C).

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

ST SERIES WALL UNITS FOR MULT-ZONE SYSTEMS

(FOR NTXMMX/NTXMPH OUTDOOR UNITS)

Model Name	Indoor Unit		NTXWST06A112A	NTXWST06A112A	NTXWST12A112A	NTXWST15A112A	NTXWST18A112A	NTXWST24A112A
Cooling *1	Rated Capacity	Btu/h	6,000	9,000	12,000	14,000	18,000	22,400
Heating at 47° F *2	Rated Capacity	Btu/h	7,200	10,900	14,400	18,000	21,600	27,600
Power Supply *3	Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V					
Voltage	Indoor - Outdoor S1 - S2		AC 208 / 230V					
	Indoor - Outdoor S2 - S3		DC ±24V					
	MCA	A	1.0					
Fan	Blower Motor	F.L.A.	0.76				0.67	0.76
	Airflow at Cooling (Quiet-Lo-Med-Hi-Super Hi)*1	DRY (CFM)	145-170-237-321-399	145-170-237-321-399		205-272-335-420-533	258-332-416-523-646	388-469-544-628-738
		WET (CFM)	109-134-201-286-364	109-134-201-286-364		170-237-300-385-498	232-299-375-470-581	347-420-487-562-661
	Airflow at Heating (Quiet-Lo-Med-Hi-Super Hi) *2	DRY (CFM)	145-170-237-321-406	145-170-237-321-406		205-247-304-367-463	297-385-469-563-646	388-469-544-628-738
Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi) *1		dB(A)	19-22-30-37-43	19-22-30-37-43	19-22-30-37-45	26-32-38-44-49	28-33-38-44-49	34-41-45-49-53
Sound Pressure Level at Heating (Quiet-Lo-Med-Hi-Super Hi) *2		dB(A)	19-22-30-37-43	19-22-30-37-43		26-30-35-40-46	28-33-38-43-48	32-41-45-49-52
External Finish Color			Munsell 1.0Y 9.2 / 0.2					
Dimension Unit		W: In.	31-7/16				36-5/16	43-5/16
		D: In.	9-1/8				9-13/16	9-3/8
		H: In.	11-5/8				12	12-13/16
Weight Unit		Lbs.	22				28	37
Field Drainpipe Size O.D.		In.	5/8					
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®					
Refrigerant	Type		R410A					
Refrigerant Pipe	Gas Side O.D.	In.	3/8			1/2		5/8
	Liquid Side O.D.	In.	1/4					3/8
Connection Method	Indoor/Outdoor		Flared/Flared					

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3. Indoor units receive power from outdoor units through field-supplied wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Seven-year warranty on compressor. Five-year warranty on parts.

It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

PH SERIES WALL UNITS FOR MULT-ZONE SYSTEMS

(FOR NTXMMX/NTXMPH OUTDOOR UNITS)

Model Name	Indoor Unit		MSZ-EF09NAW(S)(B)	MSZ-EF12NAW(S)(B)	MSZ-EF15NAW(S)(B)	MSZ-EF18NAW(S)(B)
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	14,000	17,200
Heating at 47° F *2	Rated Capacity	Btu/h	10,900	14,400	18,000	21,600
Power Supply *3	Phase, Cycle, Voltage		1-phase, 60Hz, 208/230V			
Voltage	Indoor-Outdoor S1–S2		AC 208/230V			
	Indoor-Outdoor S2–S3		DC ±24V			
	MCA	A	1.0			
Fan	Blower Motor	F.L.A.	0.67			
	Airflow at Cooling (Quiet — Lo — Med — Hi — Super Hi)*1	DRY (CFM)	141-162-222-293-371	141-162-222-293-371	205-233-272-314-364	205-240-279-328-388
		WET (CFM)	121-140-191-252-319	121-140-191-252-319	176-200-234-270-313	176-206-240-282-334
	Airflow at Heating (Quiet — Lo — Med — Hi — Super Hi) *2	DRY (CFM)	141-162-219-314-420	141-162-219-314-448	194-222-275-350-448	226-258-318-392-466
Sound Pressure Level at Cooling (Quiet — Lo — Med — Hi — Super Hi) *1		dB(A)	21-23-29-36-42	21-24-29-36-42	28-31-35-39-42	30-33-36-40-43
Sound Pressure Level at Heating (Quiet — Lo — Med — Hi — Super Hi) *2		dB(A)	21-24-29-37-45	21-24-30-38-46	28-30-35-41-48	30-33-37-43-49
External Finish Color			W: Munsell 1.0Y 9.2/0.2 S: Munsell 3.1PB 8.2/0.2 B: Munsell 3.7PB 2.0/0.1			
Dimension Unit		W: In.	34-13/16			
		D: In.	7-11/16			
		H: In.	11-3/4			
Weight Unit		Lbs.	26			
Field Drainpipe Size O.D.		In.	5/8			
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®			
Refrigerant	Type		R410A			
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2	
	Liquid Side O.D.	In.	1/4			
Connection Method	Indoor / Outdoor		Flared / Flared			

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling) — Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Rating conditions (heating) — Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3. Indoor units receive power from outdoor units through field-supplied wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

For data on specific indoor unit combinations, visit www.mitsubishipro.com/multizone

It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

KS SERIES FLOOR UNITS FOR MULT-ZONE SYSTEMS

(FOR NTXMMX/NTXMPH OUTDOOR UNITS)

Model Name	Indoor Unit		NTXFKS09A112A	NTXFKS12A112A	NTXFKS15A112A	NTXFKS18A112A
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	15,000	17,000
Heating at 47° F *2	Rated Capacity	Btu/h	11,000	13,000	18,000	21,000
Power Supply *3	Phase, Cycle, Voltage		1-phase, 60Hz, 208/230V			
Voltage	Indoor-Outdoor S1 – S2		AC 208/230V			
	Indoor-Outdoor S2 – S3		DC ±24V			
	MCA	A	1.0			
Fan	Motor FLA	A	0.62			0.72
	Motor Output	W	30			40
	Airflow at Cooling (Quiet — Lo — Med — Hi — Super Hi) *1	DRY (CFM)	138-173-208-251-275		198-237-282-328-374	
		WET (CFM)	117-147-177-213-234		168-201-240-279-318	
	Airflow at Heating (Quiet — Lo — Med — Hi — Super Hi) *2	DRY (CFM)	138-159-180-219-343		212-254-290-325-470	
Sound Pressure Level at Cooling (Quiet — Lo — Med — Hi — Super Hi) *1		dB(A)	21-25-30-34-38		28-31-36-40-43	
Sound Pressure Level at Heating (Quiet — Lo — Med — Hi — Super Hi) *2		dB(A)	21-24-27-32-41		29-34-36-39-49	
External Finish Color			Munsell 1.0Y 9.2 / 0.2			
Dimension Unit		W: In.	29-17/32			
		D: In.	8-15/32			
		H: In.	23-5/8			
Weight Unit		Lbs.	33			
Field Drainpipe Size O.D.		In.	5/8			
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®			
Refrigerant	Type		R410A			
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2	
	Liquid Side O.D.	In.	1/4			
Connection Method	Indoor/Outdoor		Flared / Flared			

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling)-Indoor: D.B. 80° F (27° C), W.B. 67° F (19° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Rating conditions (heating)-Indoor: D.B. 70° F (21° C), W.B. 60° F (16° C); Outdoor: D.B. 47° F (8° C), W.B. 43° F (6° C).

*3. Indoor units receive power from outdoor units through field-supplied wiring.

Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.
It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

KONNECT SERIES CONVERTIBLE AIR HANDLING UNITS FOR MULT-ZONE SYSTEMS

(FOR NTXMMX/NTXMPH OUTDOOR UNITS)

Model Name	Indoor Unit		NTXAMT12A112A	NTXAMT18A112A	NTXAMT24A112A	NTXAMT30A112A	NTXAMT36A112A
Cooling *1	Rated Capacity	Btu/h	12,000	18,000	24,000	27,000	33,000
Heating at 47° F *2	Rated Capacity	Btu/h	15,000	21,600	25,000	30,000	33,500
Power Supply *3	Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V				
Voltage	Indoor-Outdoor S1 – S2		AC 208–230V				
	Indoor-Outdoor S2 – S3		DC ±24V				
	MCA	A	3			4.13	
Fan	Airflow at Cooling (Lo — Med — Hi)	DRY (CFM)	278-381-448	471-573-675	515-625-735	613-744-875	767-910-910
	Airflow at Heating (Lo — Med — Hi)	DRY (CFM)	278-381-448	471-573-675	515-625-735	613-744-875	767-910-910
	External Static Pressure	In. W.G.	0.3 - 0.5 - 0.8				
Sound Pressure Level at Cooling/Heating (Lo — Med — Hi) *1		dB(A)	29-36-39	33-36-41	30-34-38	32-46-40	35-39-43
External Finish Color			Black				
Remote Controller		Type	Compatible with multiple controls options including kumo cloud®				
Dimension Unit		W: In.	17			21	
		D: In.	21-5/8				
		H: In.	39-13/16			43-3/4	
Weight Unit		Lbs.	93			119	
Refrigerant	Type		R410A				
Refrigerant Pipe	Gas Side O.D.	In.	3/8	1/2	5/8		
	Liquid Side O.D.	In.	1/4		3/8		
Connection Method	Indoor/Outdoor		Flared/Flared				

NOTES: Test conditions are based on AHRI 210/240.
*1. Rating conditions (cooling) — Indoor: D.B. 80° F (26.7° C), W.B. 67° F (19.4° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (23.9° C).
*2. Rating conditions (heating) — Indoor: D.B. 70° F (21.1° C), W.B. 60° F (15.6° C); Outdoor: D.B. 47° F (8.3° C), W.B. 43° F (6.1° C).
*3. Indoor units receive power from outdoor units through field-supplied wiring.
*4. External static pressure is factory set to 0.5" W.G. at factory shipment.
Specifications are subject to change without notice.
LIMITED WARRANTY I Five years parts and seven years compressor.
It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

KS SERIES FOUR WAY CASSETTES FOR MULTI-ZONE SYSTEMS

(FOR NTXMMX/NTXMPH OUTDOOR UNITS)

Model Name	Indoor Unit		NTXCKS09A112A	NTXCKS12A112A	NTXCKS15A112A
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	14,100
Heating at 47° F *2	Rated Capacity	Btu/h	11,000	13,000	18,000
Power Supply *3	Phase, Cycle, Voltage		1-phase, 60Hz, 208/230V		
Voltage	Indoor-Outdoor S1–S2		AC 208/230V		
	Indoor-Outdoor S2–S3		DC ±24V		
	MCA	A	0.25	0.30	0.40
Fan	Fan Motor (ECM)	F.L.A.	0.20	0.24	0.32
	Airflow at Cooling (Lo — Med — Hi)	DRY (CFM)	230-265-300	230-265-335	245-315-405
		WET (CFM)	207-239-270	207-252-302	221-284-365
	Airflow at Heating (Lo — Med — Hi)	DRY (CFM)	230-265-335	230-265-335	245-315-405
Sound Pressure Level at Cooling *1		dB(A)	25-28-31	25-30-34	27-34-39
Sound Pressure Level at Heating *2		dB(A)			
Grille/Unit External Finish Color			Galvanized Steel Sheets / Grille: Munsell 1.0Y 9.2/0.2		
Dimension Unit (Grille)		W: In.	22-7/16		
		D: In.	22-7/16		
		H: In.	9-1/4		
Weight Unit (Grille)		Lbs.	37		
Drain-lift Mechanism (Included)		In.	33		
Field Drainpipe Size O.D.		In.	1-1/4		
Remote Controller		Type	Compatible with multiple controls options including kumo cloud®		
Refrigerant	Type		R410		
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2
	Liquid Side O.D.	In.	1/4		
Connection Method	Indoor/Outdoor		Flared/Flared		

NOTES: Test conditions are based on AHRI 210/240.

*1.Rating conditions (cooling)-Indoor: D.B. 80° F (26.7° C), W.B. 67° F (19.4° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (23.9° C).

*2.Rating conditions (heating)-Indoor: D.B. 70° F (21.1° C), W.B. 60° F (15.6° C); Outdoor: D.B. 47° F (8.3° C), W.B. 43° F (6.1° C).

*3.Indoor units receive power from outdoor units through field supplied interconnected wiring.

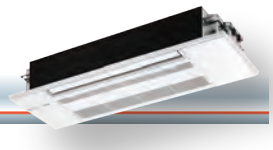
Specifications are subject to change without notice.

LIMITED WARRANTY I Five years parts and seven years compressor.

It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

KS SERIES ONE WAY CASSETTES FOR MULTI-ZONE SYSTEMS

(FOR NTXMMX/NTXMPH OUTDOOR UNITS)

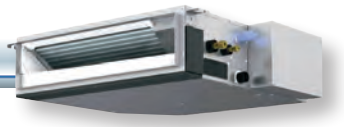


Model Name	Indoor Unit		NTXUKS09A112A	NTXUKS12A112A	NTXUKS18A112A
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	18,000
Heating at 47° F *2	Rated Capacity	Btu/h	12,000	15,000	21,000
Power Supply *3	Phase, Cycle, Voltage		1-phase, 60Hz, 208 / 230V		
Voltage	Indoor-Outdoor S1 – S2		AC 208–230V		
	Indoor-Outdoor S2 – S3		±24VDC		
	MCA	A	1.0		
Fan	Fan Motor (ECM)	F.L.A.	0.68		
	Airflow at Cooling (Lo — Med — Hi)	DRY (CFM)	212-254-283-311	212-258-297-332	212-293-346-403
		WET (CFM)	180-216-240-264	180-219-252-282	180-249-294-343
	Airflow at Heating (Lo — Med — Hi)	DRY (CFM)	212-247-290-325	212-272-311-350	212-311-364-417
Sound Pressure Level at Cooling *1		dB(A)	27-31-34-38	27-32-36-40	29-36-41-47
Sound Pressure Level at Heating *2		dB(A)	26-29-34-37	26-32-36-40	26-37-42-48
Grille/Unit External Finish Color			White/Ivory Munsell 3Y 7.8/1.1		
Dimension Unit (Grille)		W: In.	43-3/8 (47-1/4)		
		D: In.	14-3/16 (16-11/16)		
		H: In.	7-5/16 (15/16+1/2)		
Weight Unit (Grille)		Lbs.	41 (10.8)		
Drain-lift Mechanism (Included)		In.	19-11/16		
Field Drainpipe Size O.D.			1		
Remote Controller			Compatible with multiple controls options including kumo cloud®		
Refrigerant	Type		R410A		
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2
	Liquid Side O.D.	In.	1/4		
Connection Method	Indoor/Outdoor		Flared/Flared		

NOTES: Test conditions are based on AHRI 210/240.
*1. Rating conditions (cooling) — Indoor: D.B. 80° F (26.7° C), W.B. 67° F (19.4° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (23.9° C).
*2. Rating conditions (heating) — Indoor: D.B. 70° F (21.1° C), W.B. 60° F (15.6° C); Outdoor: D.B. 47° F (8.3° C), W.B. 43° F (6.1° C).
*3. Indoor units receive power from outdoor units through field-supplied wiring.
Specifications are subject to change without notice.
LIMITED WARRANTY I Five years parts and seven years compressor.
It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

KS SERIES LOW STATIC HORIZONTAL DUCTED UNITS FOR MULTI-ZONE SYSTEMS

(FOR NTXMMX/NTXMPH OUTDOOR UNITS)

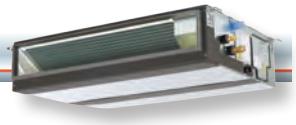


Model Name	Indoor Unit		NTXDKS09A112A	NTXDKS12A112A	NTXDKS15A112A	NTXDKS18A112A
Cooling *1	Rated Capacity	Btu/h	8,100	11,500	14,100	17,200
Heating at 47° F *2	Rated Capacity	Btu/h	10,900	13,600	18,000	21,600
Power Supply *4	Phase, Cycle, Voltage		1-Phase, 60Hz, 208/230V			
Voltage	Indoor-Outdoor S1–S2		AC 208–230V			
	Indoor-Outdoor S2–S3		DC ±24V			
	MCA	A	1.0			
Fan	Blower Motor (ECM)	F.L.A.	0.51	0.57	0.74	
	Airflow at Cooling/Heating (Lo — Med — Hi)	DRY (CFM)	194-247-317	247-317-388	353-441-529	423-529-635
		WET (CFM)	174-222-285	222-285-349	317-396-476	381-476-572
	External Static Pressure	In. W.G.	0.02-0.06-0.14-0.20			
Sound Pressure Levels (Lo — Med — Hi)		dB(A)	23-26-30	23-28-33	30-34-37	30-34-38
External Finish			Galvanized-steel Sheets			
Dimension		W: In.	31-1/8	39		46-7/8
		D: In.	27-9/16			
		H: In.	7-7/8			
Weight		Lbs.	42	50	54	62
Drain-lift Mechanism (Included)		H: In.	21-11/16			
Field Drainpipe Size O.D.		In.	1-1/4			
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®			
Refrigerant	Type		R410A			
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2	
	Liquid Side O.D.		1/4			
Connection Method			Flared/Flared			

NOTES: Test conditions are based on AHRI 210/240.
*1. Rating conditions (cooling)-Indoor: D.B. 80° F (26.7° C), W.B. 67° F (19.4° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (23.9° C).
*2. Rating conditions (heating)-Indoor: D.B. 70° F (21.1° C), W.B. 60° F (15.6° C); Outdoor: D.B. 47° F (8.3° C), W.B. 43° F (6.1° C).
*3. External static pressure is factory set to 0.06" W.G. Adjustable via remote controller.
*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.
Specifications are subject to change without notice.
LIMITED WARRANTY I Five years parts and seven years compressor.
It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

KS SERIES MID STATIC HORIZONTAL DUCTED UNITS FOR MULTI-ZONE SYSTEMS

(FOR NTXMMX/NTXMPH OUTDOOR UNITS)



Model Name	Indoor Unit		PEAD-A09AA7	PEAD-A12AA7	PEAD-A15AA7	PEAD-A18AA7	PEAD-A24AA7	PEAD-A30AA7	PEAD-A36AA7
Cooling *1	Rated Capacity	Btu/h	9,000	12,000	15,000	18,000	24,000	27,000	33,000
Heating at 47° F *2	Rated Capacity	Btu/h	12,000	15,000	18,000	21,600	25,000	30,000	33,500
Power Supply *4	Phase, Cycle, Voltage		1-Phase, 60Hz, 208/230V						
Voltage	Indoor-Outdoor S1 – S2		AC 208–230V						
	Indoor-Outdoor S2 – S3		DC ±24V						
	MCA	A	1.45		1.69		2.63	2.73	3.3
Fan	Blower Motor (ECM)	F.L.A.	1.16		1.35		2.1	2.18	2.64
	Airflow at Cooling/Heating (Lo — Med — Hi)	DRY (CFM)	282-318-353	353-424-494	424-512-600		512-636-742	618-742-883	847-1,024-1,201
		WET (CFM)	254-286-318	318-382-445	382-461-540		461-572-667	556-668-795	762-922-1,081
	External Static Pressure	In. W.G.	0.02-0.06-0.14-0.20						
Sound Pressure Levels (Lo — Med — Hi)		dB(A)	24-26-28	28-30-34	30-33-37			30-34-39	33-38-42
External Finish			Galvanized						
Dimension		W: In.	35-7/16					43-5/16	55-1/8
		D: In.	28-7/8						
		H: In.	9-7/8						
Weight		Lbs.	58		62		69		86
Drain-lift Mechanism (Included)		H: In.	27-9/16						
Field Drainpipe Size O.D.		In.	1-1/4						
Remote Controller	Type		Compatible with multiple controls options including kumo cloud®						
Refrigerant	Type		R410A						
Refrigerant Pipe	Gas Side O.D.	In.	3/8		1/2		5/8		
	Liquid Side O.D.		1/4				3/8		
Connection Method			Flared/Flared						

NOTES: Test conditions are based on AHRI 210/240.
*1. Rating conditions (cooling)-Indoor: D.B. 80° F (26.7° C), W.B. 67° F (19.4° C); Outdoor: D.B. 95° F (35° C), W.B. 75° F (23.9° C).
*2. Rating conditions (heating)-Indoor: D.B. 70° F (21.1° C), W.B. 60° F (15.6° C); Outdoor: D.B. 47° F (8.3° C), W.B. 43° F (6.1° C).
*3. External static pressure is factory set to 0.06" W.G. Adjustable via remote controller.
*4. Indoor units receive power from outdoor units through field-supplied interconnected wiring.
Specifications are subject to change without notice.
LIMITED WARRANTY I Five years parts and seven years compressor.
It is recommended to validate system performance via Diamond System Builder system selection software.
Diamond System Builder software for windows based computers is Available for free download at trane.mylinkdrive.com

ADDITIONAL Nv-SERIES INFORMATION

PORT ADAPTERS PART NUMBERS

MAC-A454JP-E	3/8" x 1/2"
MAC-A455JP-E	1/2" x 3/8"
MAC-A456JP-E	1/2" x 5/8"
PAC-SG76RJ-E	3/8" x 5/8"
PAC-SG75RJ-E	3/8" x 5/8"
ADP3458	5/8" x 3/8"
PAC-493PI	1/4" x 3/8"

Port	Gas	Liquid
NTXMMX20A122A		
A; B	3/8"	1/4"
NTXMMX24A132A		
A	1/2"	1/4"
B; C	3/8"	1/4"
NTXMMX30A132A		
A	1/2"	1/4"
B; C	3/8"	1/4"
NTXMMX36A142A		
A	1/2"	1/4"
B; C; D	3/8"	1/4"
NTXMMX42A152A		
A	1/2"	1/4"
B; C; D; E	3/8"	1/4"
NTXMPH20A122A		
A; B	3/8"	1/4"
NTXMPH24A132A		
A	1/2"	1/4"
B; C	3/8"	1/4"
NTXMPH30A132A		
A	1/2"	1/4"
B; C	3/8"	1/4"

The following Multi-zone units must utilize at least one branch box	
NTXMMX48A182A	NTXMPH36A142A
NTXMMX60A182A	NTXMPH42A152A
	NTXMMX48A182A

Branch Boxes		
Port	Gas	Liquid
TAC-MKA31BC [3-Port]		
A; B; C	3/8"	1/4"
TAC-MKA51BC [5-Port]		
A; B; C; D	3/8"	1/4"
E	1/2"	1/4'

Notes for application:

Check the lineset sizes for your indoor selected models.

Select the branch box or boxes needed for your application.

Compare indoor unit lineset sizes to branch box or outdoor unit port sizes.

* Connect 15K+ indoor units to the larger 1/2" port on the TAC-MKA51BC branch box or outdoor unit.

Adapt lineset size with appropriate port adapter from above list.

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PORT ADAPTER GUIDE

Available Indoor Units	Line Set Size
NTX and MSZ Wall-mounted	
NTXWPH06A112A	3/8" gas x 1/4" liquid
NTXWPH09A112A	3/8" gas x 1/4" liquid
NTXWPH12A112A	3/8" gas x 1/4" liquid
NTXWPH15A112A	1/2" gas x 1/4" liquid
NTXWPH18A112A2	1/2" gas x 1/4" liquid
NTXWST06A112A	3/8" gas x 1/4" liquid
NTXWST06A112A	3/8" gas x 1/4" liquid
NTXWST12A112A	3/8" gas x 1/4" liquid
NTXWST15A112A	1/2" gas x 1/4" liquid
NTXWST18A112A	1/2" gas x 1/4" liquid
NTXWST24A112A	5/8" gas x 3/8" liquid
MSZ-EF09NAW(S)(B)	3/8" gas x 1/4" liquid
MSZ-EF12NAW(S)(B)	3/8" gas x 1/4" liquid
MSZ-EF15NAW(S)(B)	1/2" gas x 1/4" liquid
MSZ-EF18NAW(S)(B)	1/2" gas x 1/4" liquid
NTXWMT09A112A	3/8" gas x 1/4" liquid
NTXWMT12A112A	3/8" gas x 1/4" liquid
NTXWMT15A112A	3/8" gas x 1/4" liquid
NTXWMT18A112A	1/2" gas x 1/4" liquid
NTXWMT24A112A	5/8" gas x 3/8" liquid
NTXWMT09A111A	3/8" gas x 1/4" liquid
NTXWMT12A111A	3/8" gas x 1/4" liquid
NTXWEL09A112A	3/8" gas x 1/4" liquid
NTXWEL12A112A	3/8" gas x 1/4" liquid
NTXWEL18A112A	1/2" gas x 1/4" liquid
NTXWEL24A112A	5/8" gas x 3/8" liquid
NTXFKS Floor-standing	
NTXFKS09A112A	3/8" gas x 1/4" liquid
NTXFKS12A112A	3/8" gas x 1/4" liquid
NTXFKS15A112A	1/2" gas x 1/4" liquid
NTXFKS18A112A	1/2" gas x 1/4" liquid
NTXAMT Multi-position	
NTXAMT12A112A	3/8" gas x 1/4" liquid
NTXAMT18A112A	1/2" gas x 1/4" liquid
NTXAMT24A112A	5/8" gas x 3/8" liquid
NTXAMT30A112A	5/8" gas x 3/8" liquid
NTXAMT36A112A	5/8" gas x 3/8" liquid
NTXCKS Ceiling-cassette	
NTXCKS09A112A	3/8" gas x 1/4" liquid
NTXCKS12A112A	3/8" gas x 1/4" liquid
NTXCKS15A112A	1/2" gas x 1/4" liquid
NTXCKS18A112A	1/2" gas x 1/4" liquid
NTXUKS One-way Ceiling-cassette	
NTXUKS09A112A	3/8" gas x 1/4" liquid
NTXUKS12A112A	3/8" gas x 1/4" liquid
NTXUKS18A112A	1/2" gas x 1/4" liquid
NTXDKS Horizontal-ducted	
NTXDKS09A112A	3/8" gas x 1/4" liquid
NTXDKS12A112A	3/8" gas x 1/4" liquid
NTXDKS15A112A	1/2" gas x 1/4" liquid
NTXDKS18A112A	1/2" gas x 1/4" liquid
PEAD Horizontal-ducted	
PEAD-A09AA7	3/8" gas x 1/4" liquid
PEAD-A12AA7*	3/8" gas x 1/4" liquid
PEAD-A15AA7	1/2" gas x 1/4" liquid
PEAD-A18AA7	1/2" gas x 1/4" liquid
PEAD-A24AA7	5/8" gas x 3/8" liquid
PEAD-A30AA7	5/8" gas x 3/8" liquid
PEAD-A36AA7	5/8" gas x 3/8" liquid

Notes:

* Port adapter (MAC-A455JP-E) is needed for PEAD-A12AA7 connection with NTXSKS12A112A

ADDITIONAL Nv-SERIES INFORMATION

Nv-SERIES OPERATING CONDITIONS

		Indoor Intake Air Temperature	
		Models	Conditions
Cooling	Maximum	NTXSKS NTXMMX20A122A NTXMMX24A132A/30A132A/36A142A/42A152A NTXMPH20A122A/24A132A/30A132A	95° F D.B., 71° F W.B.
		NTXSPH(B) NTXWST/NTXSST NTXWMT NTXSPF NTXMMX48A182A/60A182A NTXMPH36A142A/42A152A/48A182A	90° F D.B., 73° F W.B.
	Minimum	NTXSPH(B) NTXWST/NTXSST NTXWMT NTXSEL NTXSPF NTXSKS NTXMMX20A122A NTXMMX24A132A/30A132A/36A142A/42A152A NTXMMX48A182A/60A182A NTXMPH20A122A/24A132A/30A132A NTXMPH36A142A/42A152A/48A182A	67° F D.B., 57° F W.B.
Heating	Maximum	NTXSPH(B) NTXSST NTXWMT NTXSEL NTXSPF NTXSKS NTXMMX20A122A NTXMMX24A132A/30A132A/36A142A/42A152A NTXMMX48A182A/60A182A NTXMPH20A122A/24A132A/30A132A NTXMPH36A142A/42A152A/48A182A	80° F D.B., 67° F W.B.
	Minimum	NTXSPH(B) NTXSST NTXWMT NTXSEL NTXSPF NTXSKS NTXMMX20A122A NTXMMX24A132A/30A132A/36A142A/42A152A NTXMMX48A182A/60A182A NTXMPH20A122A/24A132A/30A132A NTXMPH36A142A/42A152A/48A182A	70° F D.B., 67° F W.B.

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		Outdoor Intake Air Temperature	
		Models	Conditions
Cooling	Maximum	NTXSPH(B) NTXWST/NTXSST NTXWMT NTXSEL NTXSPF NTXSKS NTXMMX20A122A NTXMMX24A132A/30A132A/36A142A/42A152A NTXMMX48A182A/60A182A NTXMPH20A122A/24A132A/30A132A NTXMPH36A142A/42A152A/48A182A	115° F D.B.
	Minimum	NTXSPH(B) NTXWST/NTXSST NTXWMT NTXSPF NTXSKS NTXMMX20A122A NTXMMX24A132A/30A132A/36A142A/42A152A NTXMPH20A122A/24A132A/30A132A NTXMMX48A182A/60A182A NTXMPH36A142A/42A152A/48A182A	14° F D.B.
		NTXSEL	32° F D.B.
Heating	Maximum	NTXSPH(B) NTXSST NTXWMT NTXSEL NTXSPF NTXSKS NTXMMX20A122A NTXMMX24A132A/30A132A/36A142A/42A152A NTXMMX48A182A/60A182A	75° F D.B., 65° F W.B
		NTXMPH20A122A/24A132A/30A132A NTXMPH36A142A/42A152A/48A182A	70° F D.B., 59° F W.B
	Minimum	NTXSST09/12/15/18/24 NTXWMT	-4° F D.B., -5° F W.B.
		NTXSEL	5° F D.B., 4° F W.B.
		NTXSPF	-13° F D.B, -14° F W.B.
		NTXSPH(B)	-13° F D.B., -14° F W.B.
		NTXSST30/36	14° F D.B., 13° F W.B.
		NTXSKS	-4° F D.B., -5° F W.B. (09/12/15/18) 14° F D.B., 12° F W.B. (24/30/36)
		NTXMPH20A122A/24A132A/30A132A	-12° F D.B., -13° F W.B.
		NTXMPH36A142A/42A152A/48A182A	-13° F W.B.
		NTXMMX48A182A/60A182A	-4° F W.B.
		NTXMMX20A122A	6° F D.B., 5° F W.B.
		NTXMMX24A132A/30A132A/36A142A/42A152A	

ADDITIONAL Nv-SERIES INFORMATION

REFRIGERANT LINE LENGTH FLARE/FLARE

Indoor Unit	Outdoor Unit	Length in Feet	Vertical Separation in Feet
NTXWPH06A112A	NTXSPH(B)06A112A	65	40
NTXWPH09A112A	NTXSPH(B)09A112A	65	40
NTXWPH12A112A	NTXSPH(B)12A112A	65	40
NTXWPH15A112A	NTXSPH(B)15A112A	100	50
NTXWPH18A112A	NTXSPH(B)18A112A	100	50
NTYWST09A112A	NTYSST09A112A	65	40
NTYWST12A112A	NTYSST12A112A	65	40
NTYWST15A112A	NTYSST15A112A	65	40
NTYWST18A112A	NTYSST18A112A	100	50
NTYWST24A112A	NTYSST24A112A	100	50
NTXWST06A112A	NTXSST09A112A	65	40
NTXWST12A112A	NTXSST12A112A	65	40
NTXWST15A112A	NTXSST15A112A	65	40
NTXWST18A112A	NTXSST18A112A	100	50
NTXWST24A112A	NTXSST24A112A	100	50
NTYWST30A112A	NTYWST30A112A	100	50
NTYWST36A112A	NTYWST36A112A	100	50
NTXWST30A112A	NTXSST30 A112A	100	50
NTXWST36A112A	NTXSST36 A112A	100	50
NTXWMT09A112A	NTXSMT09A112A	65	40
NTXWMT12A112A	NTXSMT12A112A	65	40
NTXWMT15A112A	NTXSMT15A112A	65	40
NTXWMT18A112A	NTXSMT18A112A	65	40
NTXWMT24A112A	NTXSMT24A112A	100	50
NTXWMT09A111A	NTXSMT09A111A	65	40
NTXWMT12A111A	NTXSMT12A111A	65	40
NTXWEL09A112A	NTXSEL09A112A	65	40
NTXWEL12A112A	NTXSEL12A112A	65	40
NTXWEL18A112A	NTXSEL18A112A	65	40
NTXWEL24A112A	NTXSEL24A112A	100	50
NTXFKS09A112A	NTXSPF09A112A	65	40
NTXFKS12A112A	NTXSPF12A112A	65	40
NTXFKS15A112A	NTXSPF15A112A	100	50
NTXFKS18A112A	NTXSPF18A112A	100	50
NTXUKS09A112A; NTXCKS09A112A; NTXDKS09A112A; PEAD-A09AA7	NTXSKS09A112A	65	40
NTXUKS12A112A; NTXAMT12A112A; NTXDKS12A112A; NTXCKS12A112A; PEAD-A12AA7	NTXSKS12A112A	65	40
NTXUKS09A112A; NTXCKS15A112A; NTXDKS15A112A; PEAD-A15AA7	NTXSKS15A112A	65	40
NTXAMT18A112A; NTXCKS18A112A; NTXDKS18A112A; PEAD-A18AA7	NTXSKS18A112A	100	50
NTXAMT24A112A; PEAD-A24AA7	NTXSKS24A112A	100	100
NTXAMT30A112A; PEAD-A30AA7	NTXSKS30A112A	100	100

Indoor Unit	Outdoor Unit	Length in Feet	Vertical Separation in Feet
NTXAMT36A112A; PEAD-A36AA7	NTXSKS36A112A	100	100
NTXWST06/09/12/15; NTXFKS; NTXCKS09/12/15; NTXUKS09/12; NTXDKS; PEAD-A09/12/15AA7; NTXAMT12A112A; NTXWPH06/09/12/15; MSZ-EF09/12/15; NTXFKS09/12/15; NTXDKS09/12/15	NTXMMX20A122A	164	49*/33
NTXWST06/09/12/15/18; NTXWPH; MSZ-EF; NTXFKS; NTXAMT-12/18; NTXCKS09/12/15; NTXUKS; NTXDKS; PEAD-A09/12/15/18AA7	NTXMMX24A132A	230	49
NTXWST06/09/12/15/18/24; NTXWPH; MSZ-EF; NTXFKS; NTXAMT12/18/24; NTXCKS09/12/15; NTXUKS; NTXDKS; PEAD-A09/12/15/18/24AA7	NTXMMX30A132A	230	49
	NTXMMX36A142A	230	49
NTXWST06/09/12/15/18/24; NTXWPH; MSZ-EF; NTXFKS; NTXAMT12/18/24; NTXCKS09/12/15; NTXUKS; NTXDKS; PEAD-A09/12/15/18/24AA7	NTXMMX42A152A	262	49
NTXWST06/09/12/15/18/24; NTXWPH; MSZ-EF; NTXFKS; NTXAMT; NTXCKS09/12/15; NTXUKS; NTXDKS; PEAD-A12/18/24/36AA7	NTXMMX48A182A/60A182A	492	131*/164
NTXWST06/09/12/15; NTXWPH06/09/12/15; MSZ-EF; NTXFKS; NTXAMT12A112A; NTXCKS; NTXUKS09/12; NTXDKS; PEAD-A09/12/15AA7	NTXMPH20A122A	164	49
NTXWST06/09/12/15/18; NTXWPH; MSZ-EF; NTXFKS; NTXAMT12/18; NTXCKS09/12/15; NTXUKS; NTXDKS; PEAD-A09/12/15/18AA7	NTXMPH24A132A	230	49
NTXWST06/09/12/15/18/24; NTXWPH; MSZ-EF; NTXFKS; NTXAMT12/18/24; NTXCKS09/12/15; NTXUKS; NTXDKS; PEAD-A09/12/15/18/24AA7	NTXMPH30A132A	230	49
NTXWST06/09/12/15/18/24; NTXWPH; MSZ-EF; NTXFKS; NTXAMT; NTXCKS09/12/15; NTXUKS; NTXDKS; PEAD-A12/18/24/36AA7	NTXMPH36A142A	492	131*/164
	NTXMPH42A152A	492	131*/164
	NTXMMX48A182A	492	131*/164

Notes

* Branch Box should be placed within the level between the outdoor unit and indoor units.

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ADDITIONAL Nv-SERIES INFORMATION

Nv-Series AIR OUTLET COVERAGE RANGE*

Model	Mode	Function	Airflow (CFM)	Coverage (FT)
NTXWPH06A112A NTXWPH09A112A	HEAT	DRY	437	29.8
	COOL	WET	328	22.5
NTXWPH12A112A	HEAT	DRY	454	31.0
	COOL	WET	342	23.5
NTXWPH15A112A	HEAT	DRY	497	33.8
	COOL	WET	354	24.1
NTXWPH18A112A2	HEAT	DRY	514	34.9
	COOL	WET	395	27.0
NTXWST06A112A NTXWST/NTYWST09A112A NTXWST/NTYWSTA112A	HEAT	DRY	406	29.5
	COOL	WET	286	21.0
NTXWST/NTYWST15A112A	HEAT	DRY	463	33.5
	COOL	WET	385	28.0
NTXWST/NTYWST18A112A	HEAT	DRY	646	44.0
	COOL	WET	581	39.7
NTXWST/NTYWST24A112A	HEAT	DRY	738	36.9
	COOL	WET	661	33.2
NTXWST/NTYWST30A112A NTXWST/NTYWST36A112A	HEAT	DRY	848	45.0
	COOL	WET	763	40.7
NTXFKS09A112A NTXFKS12A112A	HEAT	DRY	417	29.6
	COOL	WET	354	25.3
NTXFKS15A112A	HEAT	DRY	470	33.3
	COOL	WET	366	26.2
NTXFKS18A112A	HEAT	DRY	470	33.3
	COOL	WET	417	29.7
NTXCKS09A112A	HEAT	DRY	300	15.1
	COOL	WET	270	13.7
NTXCKS12A112A	HEAT	DRY	336	16.9
	COOL	WET	302	15.2
NTXCKS15A112A	HEAT	DRY	405	20.3
	COOL	WET	365	18.3
NTXCKS18A112A	HEAT	DRY	475	23.7
	COOL	WET	429	21.4
MSZ-EF09NAW(B)(S)	HEAT	DRY	420	29.2
	COOL	WET	319	22.3
MSZ-EF12NAW(B)(S)	HEAT	DRY	448	31.1
	COOL	WET	319	22.3
MSZ-EF15NAW(B)(S)	HEAT	DRY	448	31.1
	COOL	WET	313	21.9
MSZ-EF18NAW(B)(S)	HEAT	DRY	466	32.3
	COOL	WET	334	23.4

Model	Mode	Function	Airflow (CFM)	Coverage (FT)
NTXWMT09A112A NTXWMT12A112A	HEAT	DRY	406	29.5
	COOL	WET	286	21.0
NTXWMT15A112A	HEAT	DRY	463	33.5
	COOL	WET	385	28.0
NTXWMT18A112A	HEAT	DRY	625	42.6
	COOL	WET	562	38.4
NTXWMT24A112A	HEAT	DRY	702	47.7
	COOL	WET	632	43.1
NTXWMT09A111A	HEAT	DRY	406	29.5
	COOL	WET	364	26.5
NTXWMT12A111A	HEAT	DRY	406	29.5
	COOL	WET	364	26.5
NTXWEL09A112A	HEAT	DRY	406	29.5
	COOL	WET	286	21.0
NTXWEL12A112A	HEAT	DRY	406	29.5
	COOL	WET	286	21.0
NTXWEL18A112A	HEAT	DRY	625	42.6
	COOL	WET	562	38.4
NTXWEL24A112A	HEAT	DRY	702	47.7
	COOL	WET	632	43.1
NTXUKS09A112A	HEAT	DRY	311	20.7
	COOL	WET	325	21.7
NTXUKS12A112A	HEAT	DRY	332	22.1
	COOL	WET	350	23.3
NTXUKS18A112A	HEAT	DRY	403	26.7
	COOL	WET	417	27.6

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ADDITIONAL Nv-SERIES INFORMATION

Nv-Series COOLING CAPACITY CORRECTION FACTOR

Model	Refrigerant Piping Lenght (One-way)			
	25 Ft. (Std)	40 Ft.	65 Ft.	100 Ft.
NTXSPH(B)06A112A	Capacity x 1.0	Capacity x 0.988	Capacity x 0.967	-
NTXSPH(B)09A112A				
NTXSPH(B)12A112A				
NTXSPH(B)15A112A	Capacity x 1.0	Capacity x 0.985	Capacity x 0.963	Capacity x 0.933
NTXSPH(B)18A112A				
NTXWST/NTXSST09	Capacity x 1.0	Capacity x 0.988	Capacity x 0.968	-
NTXWST/NTXSST12				
NTXWST/NTXSST15				
NTXWST/NTXSST18	Capacity x 1.0	Capacity x 0.985	Capacity x 0.963	Capacity x 0.933
NTXWST/NTXSST24		Capacity x 0.983	Capacity x 0.956	Capacity x 0.921
NTXWST/NTXSST30		Capacity x 0.976	Capacity x 0.937	Capacity x 0.887
NTXWST/NTXSST36		Capacity x 0.974	Capacity x 0.932	Capacity x 0.878
NTXSMT09A112A	Capacity x 1.0	Capacity x 0.988	Capacity x 0.967	-
NTXSMT12A112A				
NTXSMT15A112A				
NTXSMT18A112A	Capacity x 1.0	Capacity x 0.985	Capacity x 0.963	Capacity x 0.933
NTXSMT24A112A	Capacity x 1.0	Capacity x 0.983	Capacity x 0.956	Capacity x 0.921
NTXSMT09A111A	Capacity x 1.0	Capacity x 0.988	Capacity x 0.967	-
NTXSMT12A111A				
NTXSEL09A112A				
NTXSEL12A112A				
NTXSEL18A112A	Capacity x 1.0	Capacity x 0.985	Capacity x 0.963	Capacity x 0.933
NTXSEL24A112A	Capacity x 1.0	Capacity x 0.983	Capacity x 0.956	Capacity x 0.921
NTXSPF09A112A	Capacity x 1.0	Capacity x 0.988	Capacity x 0.967	-
NTXSPF12A112A				-
NTXSPF15A112A	Capacity x 1.0	Capacity x 0.985	Capacity x 0.963	Capacity x 0.933
NTXSPF18A112A				
NTXSKS09A112A	Capacity x 1.0	Capacity x 0.988	Capacity x 0.967	-
NTXSKS12A112A				
NTXSKS15A112A				
NTXSKS18A112A	Capacity x 1.0	Capacity x 0.985	Capacity x 0.963	Capacity x 0.933
NTXSKS24A112A				
NTXSKS30A112A	Capacity x 1.0	Capacity x 0.983	Capacity x 0.956	Capacity x 0.921
NTXSKS36A112A				

Notes:

*Air coverage represents the distance with one ft/sec air speed when blowing out horizontally from the unit operating at the High fan speed. This is only a general guideline; actual coverage depends on size and layout of the room.

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MULTI-ZONE EFFICIENCY RATINGS

Model	Configuration	SEER	EER	HSPF
NTXMMX20A122A	Ducted	16	10	9.3
	Mixed	18	11.35	9.65
	Non-Ducted	20	12.7	10
NTXMMX24A132A	Ducted	16	11.2	9.2
	Mixed	18	12.4	9.5
	Non-Ducted	20	13.6	9.8
NTXMMX30A132A	Ducted	16.2	9.6	9.6
	Mixed	17.6	10.1	10.1
	Non-Ducted	19	10.6	10.6
NTXMMX36A142A	Ducted	16	8.7	9.8
	Mixed	17.6	9.05	10.4
	Non-Ducted	19.2	9.4	11
NTXMMX42A152A	Ducted	15.2	9	9.1
	Mixed	17.45	9.1	9.7
	Non-Ducted	19.7	9.2	10.3
NTXMMX48A182A	Ducted	14.7	9.5	10.1
	Mixed	16.8	10.75	10.75
	Non-Ducted	18.9	12	11.4
NTXMMX60A182A	Ducted	15.1	9.6	10
	Mixed	16.25	11.05	10.25
	Non-Ducted	17.4	12.5	10.5
NTXMPH20A122A	Ducted	15	11	9.5
	Mixed	16	12.25	9.65
	Non-Ducted	17	13.5	9.8
NTXMPH24A132A	Ducted	15.5	10	9
	Mixed	17.25	11.75	9.5
	Non-Ducted	19	13.5	10
NTXMPH30A132A	Ducted	16	10.3	9.8
	Mixed	17	11.4	10.4
	Non-Ducted	18	12.5	11
NTXMPH36A142A	Ducted	15.8	11.3	10.1
	Mixed	17.45	12.65	10.7
	Non-Ducted	19.1	14	11.3
NTXMPH42A152A	Ducted	15	10.8	10.1
	Mixed	17	12.1	10.55
	Non-Ducted	19	13.4	11
NTXMMX48A182A	Ducted	14.7	9.5	10
	Mixed	16.8	10.75	10.5
	Non-Ducted	18.9	12	11

ADDITIONAL Nv-SERIES INFORMATION

HEATING CAPACITY

Outdoor Temperature Degrees (° F)		50	41.0	32.0	23.0	14.0	5.0	-4	-13
NTXWPH06A112A/NTXSPH06A112A	Heating Capacity (Btu/h)	8,700	8,700	8,700	8,700	8,700	8,700	7,650	6,430
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	88%	74%
NTXWPH09A112A/NTXSPH09A112A	Heating Capacity (Btu/h)	10,900	10,900	10,900	10,900	10,900	10,900	9,260	7,630
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	85%	70%
NTXWPH12A112A/NTXWPH12A112A	Heating Capacity (Btu/h)	13,600	13,600	13,600	13,600	13,600	13,600	11,690	9,920
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	86%	73%
NTXWPH15A112A/NTXSPH15A112A	Heating Capacity (Btu/h)	18,000	18,000	18,000	18,000	18,000	18,000	16,200	14,580
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	90%	81%
NTXWPH18A112A2/NTXSPH18A112A	Heating Capacity (Btu/h)	20,300	20,300	20,300	20,300	20,300	20,300	17,250	14,210
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	85%	70%
NTXWPH06A112A/NTXSPH06A112AH	Heating Capacity (Btu/h)	8,700	8,700	8,700	8,700	8,700	8,700	7,650	6,430
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	88%	74%
NTXWPH09A112A/NTXSPB09A112A	Heating Capacity (Btu/h)	10,900	10,900	10,900	10,900	10,900	10,900	9,370	7,950
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	86%	73%
NTXWPH12A112A/NTXSPB12A112A	Heating Capacity (Btu/h)	13,600	13,600	13,600	13,600	13,600	13,600	11,690	9,920
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	86%	73%
NTXWPH15A112A/NTXSPB15A112A	Heating Capacity (Btu/h)	18,000	18,000	18,000	18,000	18,000	18,000	16,200	14,580
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	90%	81%
NTXWPH18A112A2/NTXSPB18A112A	Heating Capacity (Btu/h)	20,300	20,300	20,300	20,300	20,300	20,300	17,250	14,210
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	85%	70%
NTXWST06A112A/NTXSST09A112A	Heating Capacity (Btu/h)	10,900	10,900	10,900	10,460	9,480	8,170	6,860	-
	Percentage of Rated Capacity	100%	100%	100%	96%	87%	75%	63%	0%
NTXWST12A112A/NTXSST12A112A	Heating Capacity (Btu/h)	14,400	14,400	14,110	12,960	11,660	9,790	7,920	-
	Percentage of Rated Capacity	100%	100%	98%	90%	81%	68%	55%	0%
NTXWST15A112A/NTXSST15A112A	Heating Capacity (Btu/h)	18,000	17,100	16,920	16,920	16,200	13,680	11,160	-
	Percentage of Rated Capacity	100%	95%	94%	94%	90%	76%	62%	0%
NTXWST18A112A/NTXSST18A112A	Heating Capacity (Btu/h)	21,600	21,600	21,600	19,440	17,060	14,900	12,520	-
	Percentage of Rated Capacity	100%	100%	100%	90%	79%	69%	58%	0%
NTXWST24A112A/NTXSST24A112A	Heating Capacity (Btu/h)	27,600	27,600	27,600	26,220	23,460	19,320	15,450	-
	Percentage of Rated Capacity	100%	100%	100%	95%	85%	70%	56%	0%
NTXWMT09A112A/NTXSMT09A112A	Heating Capacity (Btu/h)	10,900	10,570	9,480	8,500	7,300	5,990	4,680	-
	Percentage of Rated Capacity	100%	97%	87%	78%	67%	55%	43%	0%
NTXWMT12A112A/NTXSMT12A112A	Heating Capacity (Btu/h)	12,200	12,200	11,220	10,120	9,020	7,440	5,850	-
	Percentage of Rated Capacity	100%	100%	92%	83%	74%	61%	48%	0%
NTXWMT15A112A/NTXSMT15A112A	Heating Capacity (Btu/h)	18,000	15,300	14,940	14,400	13,680	12,240	10,620	-
	Percentage of Rated Capacity	100%	85%	83%	80%	76%	68%	59%	0%
NTXWMT18A112A/NTXSMT18A112A	Heating Capacity (Btu/h)	18,000	18,000	18,000	16,560	14,580	12,780	10,980	-
	Percentage of Rated Capacity	100%	100%	100%	92%	81%	71%	61%	0%
NTXWMT24A112A/NTXSMT24A112A	Heating Capacity (Btu/h)	26,000	24,440	22,360	20,020	17,680	15,600	13,260	-
	Percentage of Rated Capacity	100%	94%	86%	77%	68%	60%	51%	0%
NTXWST30A112A/NTXSST30A112A	Heating Capacity (Btu/h)	32,600	28,030	25,420	22,820	19,880	-	-	-
	Percentage of Rated Capacity	100%	86%	78%	70%	61%	0%	0%	0%
NTXWST36A112A/NTXSST36A112A	Heating Capacity (Btu/h)	35,200	29,560	27,450	25,340	22,880	-	-	-
	Percentage of Rated Capacity	100%	84%	78%	72%	65%	0%	0%	0%
NTXWMT09A111A/NTXSMT09A111A	Heating Capacity (Btu/h)	10,900	10,570	9,480	8,500	7,300	5,990	4,680	-
	Percentage of Rated Capacity	100%	97%	87%	78%	67%	55%	43%	0%
NTXWMT12A111A/NTXSMT12A111A	Heating Capacity (Btu/h)	12,200	12,200	11,220	10,120	9,020	7,440	5,850	-
	Percentage of Rated Capacity	100%	100%	92%	83%	74%	61%	48%	0%
NTXWEL09A112A/NTXSEL09A112A	Heating Capacity (Btu/h)	10,900	10,570	9,480	8,500	7,300	5,990	-	-
	Percentage of Rated Capacity	100%	97%	87%	78%	67%	55%	0%	0%
NTXWEL12A112A/NTXSEL12A112A	Heating Capacity (Btu/h)	12,200	12,200	11,220	10,120	9,020	7,440	-	-
	Percentage of Rated Capacity	100%	100%	92%	83%	74%	61%	0%	0%
NTXWEL18A112A/NTXSEL18A112A	Heating Capacity (Btu/h)	18,000	18,000	18,000	16,560	14,580	12,780	-	-
	Percentage of Rated Capacity	100%	100%	100%	92%	81%	71%	0%	0%
NTXWEL24A112A/NTXSEL24A112A	Heating Capacity (Btu/h)	26,000	24,440	22,360	20,020	17,680	15,600	-	-
	Percentage of Rated Capacity	100%	94%	86%	77%	68%	60%	0%	0%
NTXFKS09A112A/NTXSPF09A112A	Heating Capacity (Btu/h)	11,000	11,000	11,000	11,000	11,000	11,000	9,130	7,260
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	83%	66%
NTXFKS12A112A/NTXSPF12A112A	Heating Capacity (Btu/h)	13,000	13,000	13,000	13,000	13,000	13,000	10,790	8,450
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	83%	65%
NTXFKS15A112A/NTXSPF15A112A	Heating Capacity (Btu/h)	18,000	18,000	18,000	18,000	18,000	18,000	14,940	13,860
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	83%	77%
NTXFKS18A112A/NTXSPF18A112A	Heating Capacity (Btu/h)	21,000	21,000	21,000	21,000	21,000	21,000	18,480	15,960
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	88%	76%

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ADDITIONAL Nv-SERIES INFORMATION

HEATING CAPACITY

Outdoor Temperature Degrees (° F)		50	41.0	32.0	23.0	14.0	5.0	-4	-13
NTXUKS09A112A/NTXSKS09A112A	Heating Capacity (Btu/h)	12,000	10,620	9,230	7,840	6,450	5,090	3,770	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
NTXUKS12A112A/NTXSKS12A112A	Heating Capacity (Btu/h)	15,400	13,630	11,850	10,060	8,280	6,540	4,840	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
NTXUKS18A112A/NTXSKS18A112A	Heating Capacity (Btu/h)	20,000	17,700	15,390	13,060	10,760	8,490	6,290	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
NTXCKS09A112A/NTXSKS09A112A	Heating Capacity (Btu/h)	11,000	9,730	8,460	7,180	5,920	4,670	3,460	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
NTXCKS12A112A/NTXSKS12A112A	Heating Capacity (Btu/h)	13,000	11,510	10,000	8,490	6,990	5,520	4,080	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
NTXCKS15A112A/NTXSKS15A112A	Heating Capacity (Btu/h)	18,000	15,930	13,850	11,760	9,680	7,640	5,660	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
NTXCKS18A112A/NTXSKS15A112A	Heating Capacity (Btu/h)	19,700	17,440	15,150	12,870	10,600	8,370	6,190	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
NTXDKS09A112A/NTXSKS09A112A	Heating Capacity (Btu/h)	12,000	10,620	9,230	7,840	6,450	5,090	3,770	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
NTXDKS12A112A/NTXSKS12A112A	Heating Capacity (Btu/h)	15,000	13,280	11,540	9,800	8,070	6,370	4,710	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
NTXDKS15A112A/NTXSKS15A112A	Heating Capacity (Btu/h)	18,000	15,930	13,850	11,760	9,680	7,640	5,660	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
NTXDKS18A112A/NTXSKS18A112A	Heating Capacity (Btu/h)	21,600	19,120	16,620	14,110	11,620	9,170	6,790	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
PEAD-A09AA7/NTXSKS09A112A	Heating Capacity (Btu/h)	12,000	10,620	9,230	7,840	6,450	5,090	3,770	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
PEAD-A12AA7/NTXSKS12A112A	Heating Capacity (Btu/h)	15,000	13,280	11,540	9,800	8,070	6,370	4,710	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
PEAD-A15AA7/NTXSKS15A112A	Heating Capacity (Btu/h)	18,000	15,930	13,850	11,760	9,680	7,640	5,660	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
PEAD-A18AA7/NTXSKS18A112A	Heating Capacity (Btu/h)	21,600	19,120	16,620	14,110	11,620	9,170	6,790	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
PEAD-A24AA7/NTXSKS24A112A	Heating Capacity (Btu/h)	25,000	22,130	19,230	16,330	13,450	-	-	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	0%	0%	0%
PEAD-A30AA7/NTXSKS30A112A	Heating Capacity (Btu/h)	30,000	26,560	23,080	19,600	16,140	-	-	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	0%	0%	0%
PEAD-A36AA7/NTXSKS36A112A	Heating Capacity (Btu/h)	33,500	29,660	25,770	21,890	18,030	-	-	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	0%	0%	0%
NTXAMT12A112A/NTXSKS12A112A	Heating Capacity (Btu/h)	15,000	13,280	11,540	9,800	8,070	6,370	4,710	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
NTXAMT18A112A/NTXSKS18A112A	Heating Capacity (Btu/h)	21,600	19,120	16,620	14,110	11,620	9,170	6,790	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	42%	31%	0%
NTXAMT24A112A/NTXSKS24A112A	Heating Capacity (Btu/h)	25,000	22,130	19,230	16,330	13,450	-	-	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	0%	0%	0%
NTXAMT30A112A/NTXSKS36A112A	Heating Capacity (Btu/h)	30,000	26,560	23,080	19,600	16,140	-	-	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	0%	0%	0%
NTXAMT36A112A/NTXSKS36A112A	Heating Capacity (Btu/h)	33,500	29,660	25,770	21,890	18,030	-	-	-
	Percentage of Rated Capacity	100%	89%	77%	65%	54%	0%	0%	0%

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ADDITIONAL Nv-SERIES INFORMATION

HEATING CAPACITY

Outdoor Temperature Degrees (° F)		50	41.0	32.0	23.0	14.0	5.0	-4	-13
NTXMMX20A122A	Heating Capacity (Btu/h)	22,000	22,000	18,920	15,840	12,980	9,900	-	-
	Percentage of Rated Capacity	100%	100%	86%	72%	59%	45%	0%	0%
NTXMMX24A132A	Heating Capacity (Btu/h)	25,000	25,000	24,000	20,750	17,250	13,250	-	-
	Percentage of Rated Capacity	100%	100%	96%	83%	69%	53%	0%	0%
NTXMMX30A132A	Heating Capacity (Btu/h)	28600	28,600	28,020	24,310	20,300	15,730	-	-
	Percentage of Rated Capacity	100%	100%	98%	85%	71%	55%	0%	0%
NTXMMX36A142A	Heating Capacity (Btu/h)	36000	36,000	33,480	29,160	24,120	18,720	-	-
	Percentage of Rated Capacity	100%	100%	93%	81%	67%	52%	0%	0%
NTXMMX42A152A	Heating Capacity (Btu/h)	45000	45,000	41,850	36,450	30,150	23,400	-	-
	Percentage of Rated Capacity	100%	100%	93%	81%	67%	52%	0%	0%
NTXMMX48A182A	Heating Capacity (Btu/h)	48000	48,000	48,000	39,840	32,160	28,800	25440	-
	Percentage of Rated Capacity	100%	100%	100%	83%	67%	60%	53%	0%
NTXMMX60A182A	Heating Capacity (Btu/h)	60000	60,000	60,000	-	-	51,600	-	-
	Percentage of Rated Capacity	100%	100%	100%	0%	0%	86%	0%	0%
NTXMPH20A122A	Heating Capacity (Btu/h)	22,000	22,000	22,000	22,000	22,000	22,000	21,120	20,460
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	96%	93%
NTXMPH24A132A	Heating Capacity (Btu/h)	25,000	25,000	25,000	25,000	25,000	25,000	23,750	22,500
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	95%	90%
NTXMPH30A132A	Heating Capacity (Btu/h)	28,600	28,600	28,600	28,600	28,600	28,600	26,880	25,160
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	94%	88%
NTXMPH36A142A	Heating Capacity (Btu/h)	36,000	36,000	36,000	36,000	36,000	36,000	31,680	27,360
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	88%	76%
NTXMPH42A152A	Heating Capacity (Btu/h)	42,000	42,000	42,000	42,000	42,000	42,000	36,960	31,920
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	88%	76%
NTXMMX48A182A	Heating Capacity (Btu/h)	48,000	48,000	48,000	48,000	48,000	48,000	42,240	36,480
	Percentage of Rated Capacity	100%	100%	100%	100%	100%	100%	88%	76%

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