Nv-Series and P-Series

Pocket Reference Guide

American Standard®
HEATING & AIR CONDITIONING

MITSUBISHI ELECTRIC

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American Standard
HEATING & AIR CONDITIONING

MITSUBISHI ELECTRIC

Pre-visit Checklist	
✓	Verify appointment
✓	Call 30 minutes before you arrive
✓	Verify equipment in stock at distributor
✓	Credit application/financing options
✓	Local rebate information
✓	Bring this booklet along so you have product and contact information handy

Customer Care: 800-433-4822

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Advanced Technology. Superior Comfort.

Split-zoning is the most popular type of air-conditioning technology in the world. American Standard®/Mitsubishi Electric takes split-zoning to a new level—our cooling and heating systems deliver year-round personal comfort even in the harshest of climates.

Single-zone and multi-zone systems additional features:

- Exceptional cooling and heating performance
- Automatic cool/heat changeover
- Maximum energy efficiency with higher SEER and HSPF ratings
- Easy installation
- Industry standard R410A refrigerant
- Convenient temperature, fan, and airflow control
- Advanced filtration to help provide high air quality
- Whisper-quiet operation

Leading the way in sustain-ability
Nv-Series components are up to 83% recyclable

ENERGY STAR® Certified Models

Nv-Series Single-zone Systems

Cooling Only	
NAYWST09A112A* & NAYSST09A112A*	NAYWST18A112A* & NAYSST18A112A*
NAYWST12A112A* & NAYSST12A112A*	NAYWST24A112A* & NAYSST24A112A*
NAYWST15A112A* & NAYSST15A112A*	
Heat Pump	
NAXWST09A112A* & NAXSST09A112A*	PEAD-A15AA7 & NAXSKS15A112A*
NAXWST12A112A* & NAXSST12A112A*	PEAD-A18AA7 & NAXSKS18A112A*
NAXWST15A112A* & NAXSST15A112A*	PEAD-A24AA7 & NAXSKS24A112A*
NAXWST18A112A* & NAXSST18A112A*	PEAD-A30AA7 & NAXSKS30A112A*
NAXWST24A112A* & NAXSST24A112A*	NAXDKS09A112A* & NAXSKS09A112A*
NAXUKS09A112A* & NAXSKS09A112A*	NAXDKS12A112A* & NAXSKS12A112A*
NAXUKS12A112A* & NAXSKS12A112A*	NAXDKS15A112A* & NAXSKS15A112A*
NAXUKS18A112A* & NAXSKS18A112A*	NAXDKS18A112A* & NAXSKS18A112A*
NAXCKS09A112A* & NAXSKS09A112A*	NAXAMT12A112A* & NAXSKS12A112A*
NAXCKS12A112A* & NAXSKS12A112A*	NAXAMT18A112A* & NAXSKS18A112A*
NAXCKS18A112A* & NAXSKS18A112A*	NAXAMT24A112A* & NAXSKS24A112A*
PEAD-A09AA7 & NAXSKS09A112A*	NAXAMT30A112A* & NAXSKS30A112A*
PEAD-A12AA7 & NAXSKS12A112A*	
Hyper-Heating INVERTER®	
NAXWPH06B112A* & NAXSP(H/B)06B112A*	NAXCKS18A112A* & NAXSKH18A112A*
NAXWPH09B112A* & NAXSP(H/B)09B112A*	PEAD-A09AA7 & NAXSKH09A112A*
NAXWPH12B112A* & NAXSP(H/B)12B112A*	PEAD-A12AA7 & NAXSKH12A112A*
NAXWPH15B112A* & NAXSP(H/B)15B112A*	PEAD-A15AA7 & NAXSKH15A112A*
NAXWPH18B112A* & NAXSP(H/B)18B112A*	PEAD-A18AA7 & NAXSKH18A112A*
NAXFKS09A112A* & NAXSPF09A112A*	PEAD-A30AA7 & NAXSKH30A112A*
NAXFKS12A112A* & NAXSPF12A112A*	PEAD-A36AA7 & NAXSKH36A112A*
NAXFKS15A112A* & NAXSPF15A112A*	NAXDKS09A112A* & NAXSKH09A112A*
NAXFKS18A112A* & NAXSPF18A112A*	NAXDKS12A112A* & NAXSKH12A112A*
NAXUKS09A112A* & NAXSKH09A112A*	NAXDKS15A112A* & NAXSKH15A112A*
NAXUKS12A112A* & NAXSKH12A112A*	NAXDKS18A112A* & NAXSKH18A112A*
NAXUKS18A112A* & NAXSKH18A112A*	NAXAMT12A112A* & NAXSKH12A112A*
NAXCKS09A112A* & NAXSKH09A112A*	NAXAMT18A112A* & NAXSKH18A112A*
NAXCKS12A112A* & NAXSKH12A112A*	NAXAMT30A112A* & NAXSKH30A112A*
NAXCKS15A112A* & NAXSKH15A112A*	

*ENERGY STAR® certified models as of print time

Nv-Series Multi-zone

NAXMMX20A122A* w/ Non-Ducted Indoor Units
NAXMMX24A132A* w/ Non-Ducted Indoor Units
NAXMMX24A132A* w/ Mixed Indoor Units
NAXMMX48A182B* w/ Non-Ducted Indoor Units
NAXMMX60A182B* w/ Non-Ducted Indoor Units
NAXMPH20A122A* w/ Non-Ducted Indoor Units
NAXMPH20A122A* w/ Mixed Indoor Units
NAXMPH24A132A* w/ Non-Ducted Indoor Units
NAXMPH30A132A* w/ Non-Ducted Indoor Units
NAXMPH36A142A* w/ Non-Ducted Indoor Units
NAXMPH36A142A* w/ Mixed Indoor Units
NAXMPH36A142B* w/ Non-Ducted Indoor Units
NAXMPH36A142B* w/ Ducted Indoor Units
NAXMPH36A142B* w/ Mixed Indoor Units
NAXMPH42A152B* w/ Non-Ducted Indoor Units
NAXMPH42A152B* w/ Mixed Indoor Units
NAXMPH48A182B* w/ Non-Ducted Indoor Units

Cooling Only	
PLA-A12EA7 & PUY-A12NKA7	PEAD-A12AA7 & PUY-A12NKA7
PLA-A18EA7 & PUY-A18NKA7	
Heat Pump	
PLA-A12EA7 & PUZ-A12NKA7	PLA-A24EA7 & PUZ-A24NHA7
PLA-A18EA7 & PUZ-A18NKA7	PEAD-A12AA7 & PUZ-A12NKA7
Hyper-Heating INVERTER®	
PCA-A24KA7 & PUZ-HA24NHA1	PLA-A12EA7 & PUZ-HA24NHA1
PCA-A30KA7 & PUZ-HA30NKA	PLA-A18EA7 & PUZ-HA36NKA
PCA-A36KA7 & PUZ-HA36NKA	PEAD-A30AA7 & PUZ-HA30NKA
PKA-A24KA7 & PUZ-HA24NHA1	PEAD-A36AA7 & PUZ-HA36NKA
PKA-A30KA7 & PUZ-HA30NKA	

For details on state and utility rebates
visit www.dsireusa.org

ENERGY STAR® most efficient 2021

Many American Standard®/Mitsubishi Electric systems have been awarded ENERGY STAR® Most Efficient 2021 mark. This is a new distinction that recognizes products that deliver cutting-edge energy efficiency along with the latest in technological innovation.

Nv-Series Certified Models*

Cooling Only	
NAYWST09A112AA & NAYSST09A112AB	NAYWST18A112AA & NAYSST18A112AA
NAYWST12A112AA & NAYSST12A112AB	NAYWST24A112AA & NAYSST24A112AA
NAYWST15A112AA & NAYSST15A112AB	
Heat Pump	
NAXWST09A112AA & NAXSST09A112AB	PEAD-A18AA7 & NAXSKS18A112AA
NAXWST12A112AA & NAXSST12A112AB	PEAD-A24AA7 & NAXSKS24A112AA
NAXWST15A112AA & NAXSST15A112AB	PEAD-A30AA7 & NAXSKS30A112AA
NAXWST18A112AA & NAXSST18A112AA	NAXDKS09A112AA & NAXSKS09A112AA
NAXWST24A112AA & NAXSST24A112AA	NAXDKS12A112AA & NAXSKS12A112AA
NAXUKS18A112AA & NAXSKS18A112AA	NAXDKS15A112AA & NAXSKS15A112AA
NAXCKS09A112AA & NAXSKS09A112AA	NAXDKS18A112AA & NAXSKS18A112AA
NAXCKS12A112AA & NAXSKS12A112AA	NAXAMT12A112AA & NAXSKS12A112AA
NAXCKS18A112AA & NAXSKS18A112AA	NAXAMT18A112AA & NAXSKS18A112AA
PEAD-A09AA7 & NAXSKS09A112AA	NAXAMT24A112AA & NAXSKS24A112AA
PEAD-A12AA7 & NAXSKS12A112AA	NAXAMT30A112AA & NAXSKS30A112AA
PEAD-A15AA7 & NAXSKS15A112AA	NAXMMX20A122AA w/Non-Ducted Indoor Units
Hyper-Heating Heat Pump	
NAXWPH06B112AA & NAXSPH06(B/H)112AA	NAXCKS12A112AA & NAXSKH12A112AA
NAXWPH09B112AA & NAXSPH09(B/H)112AA	PEAD-A12AA7 &NAXSKH12A112AA
NAXWPH12B112AA & NAXSPH12(B/H)112AA	PEAD-A15AA7 & NAXSKH15A112AA
NAXWPH15B112AA & NAXSPH15(B/H)112AA	PEAD-A18AA7 & NAXSKH18A112AA
NAXWPH18B112AA & NAXSPH18(B/H)112AA	NAXCKS12A112AA & NAXSKH12A112AA
NAXFKS09A112AA & NAXSPF09A112AA	NAXCKS18A112AA & NAXSKH18A112AA
NAXFKS12A112AA & NAXSPF12A112AA	NAXAMT12A112AA & NAXSKH12A112AA
NAXFKS15A112AA & NAXSPF15A112AA	NAXAMT18A112AA & NAXSKH18A112AA
NAXFKS18A112AA & NAXSPF18A112AA	NAXMPH36A142BA w/Non-ducted Indoor Units
NAXCKS09A112AA & NAXSKH09A112AA	NAXMPH42A152BA w/Non-ducted Indoor Units

*ENERGY STAR® certified models as of print time

These systems qualify as Most Efficient when paired with kumo cloud® 2.2 or higher.

www.energystar.gov/products/most_efficient

P-Series Certified Models*

Cooling Only
PEAD-A12AA* & PUY-A12NKA7
PVA-A12AA* & PUY-A12NKA7
PLA-A12EA* & PUY-A12NKA7
PLA-A18EA* & PUY-A18NKA7
PLA-A24EA* & PUY-A24NHA7
PLA-A36EA* & PUY-A36NKA7
Heat Pump
PEAD-A12AA* & PUZ-A12NKA7
PLA-A12EA* & PUZ-A12NKA7
PLA-A18EA* & PUZ-A18NKA7
PLA-A24EA* & PUZ-A24NHA7
PLA-A36EA* & PUZ-A36NKA7
PVA-A12AA* & PUZ-A12NKA7
Hyper-Heating Heat Pump
PEAD-A30AA7 & PUZ-HA30NKA
PLA-A18EA7 & PUZ-HA36NKA
PLA-A24EA7 & PUZ-HA24NHA1
PLA-A36EA7 & PUZ-HA36NKA
PVA-A30AA7 & PUZ-HA30NKA
PVA-A36AA7 & PUZ-HA36NKA

*ENERGY STAR® certified models as of print time

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visit www.dsireusa.org

How to Read a Model Number

N A X S P H 1 2 A 1 1 2 A *

MODEL FAMILY
N = Nv-Series

BRAND NAME
A = American Standard

FUNCTION / TYPE
Y = Cooling only (INVERTER)
X = Heat pump (INVERTER)

UNIT CONFIGURATION* Outdoor
S = Single-Zone Outdoor
M = Multi-Zone Outdoor
*Indoor
A = Convertible Air Handler
C = Cassette 2'x 2'
D = Horizontal-Ducted
F = Floor Unit
U = One-Way Cassette
W = High-wall

Series
EL = Entry Level
KH = Non-Highwall Hyper-Heating
KS = Non-Highwall Series
MT = Mid Tier
MX = Standard Multi Zone
PH = Hyper-Heating
ST = Standard Line
SH = Standard Line Hyper-Heating
PB = Hyper-Heating with base heater
PF = Hyper-Heating for Floor Standing

CAPACITY (BTU/H)
06 = 6,000
09 = 9,000
12 = 12,000
15 = 15,000
18 = 18,000
24 = 24,000
30 = 30,000
36 = 36,000
42 = 42,000
48 = 48,000
60 = 60,000

GENERATION CHANGE
A B C....

UL/Non-UL
1 = US / UL Rated
2 = Non US/ Non-UL Rated

Max Number of Zones
1 = Single-Zone
2+ = Multi-Zone

VOLTAGE
1 = 115V, 1ph
2 = 208/230V,1ph

MAJOR CHANGE
(compressor, software, related to features/performance etc)

MINOR SERVICE CHANGE
(parts change, no function/spec change)

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

How to Read a Model Number

P U Z – A 2 4 N H A 7 – B S

Model Family
P = Professional

TYPE
K = Wall-mounted indoor unit
C = Ceiling-suspended indoor unit
L = Ceiling-recessed indoor unit
E = Horizontal-ducted indoor unit
U = Single system outdoor unit
V = Multi-position AHU

COOLING ONLY/HEAT PUMP
Y = Cooling only (INVERTER-driven)
Z = Heat pump (INVERTER-driven)
A = Both heating and cooling

GENERATION
A = Generation A
HA = Hyper-Heating INVERTER unit

CAPACITY (nominal)
In BTU/H (x 1,000)

SYSTEM CONTROLS GENERATION

MODEL VERSION

BS = Seacoast protection pkg. for outdoor unit

1. Designed for light commercial installations. Ideal for applications requiring year-round, low ambient cooling such as computer, elevator and equipment rooms
2. Hyper-Heating INVERTER-driven outdoor units can provide superior heating performance at lower ambient temperatures
3. Long lineset lengths
4. Outside air intake on PLA, PCA, PEAD and PVA models
5. P-Series ducted units have higher static than most Nv-Series, allowing for design flexibility

Nv-Series Models

Our standard line is now more efficient than ever!

WST Models

(6,000–24,000 BTU/H)

- All ENERGY STAR® certified models
- Smart Set programming button with SETBACK down to 50° F in heating (9,000–15,000 only)
- Washable nano-platinum filter and anti-allergy enzyme filter
- Cooling-only and heat pump models
- Five fan speeds plus AUTO (select models)
- As quiet as 19 dB(A)

WMT Models

(9,000–24,000 BTU/H)

- Econo Cool Energy-Saving feature
- Optional anti-allergy enzyme filter
- 12-hour timer

WEL Models

(9,000–24,000 BTU/H)

- 16 SEER/8.5 HSPF
- Econo Cool Energy-Saving feature
- 12-hour timer
- Optional anti-allergen enzyme filter

WMT 115V Models

(9,000–12,000 BTU/H)

- Econo Cool Energy-Saving feature
- Optional anti-allergy enzyme filter
- 12-hour timer
- Power Supply: 115V, 1 phase, 60Hz

EF Models

(9,000–18,000 BTU/H)

- Modern, sleek design
- Offered in: matte silver, glossy black, or glossy white
- For use with multi-zone units only

WST Models

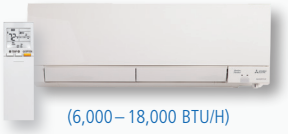
(30,000–36,000 BTU/H)

- Wide Vane Mode for precise directional airflow (also available on WST18/24)
- Powerful Mode for quick 15-minute heating/cooling boost(also available on WST18/24)
- Cooling-only and heat pump models

Nv-Series Models

High-efficiency, Hyper-heating systems

WPH Models



(6,000 – 18,000 BTU/H)

- 33.1 – 21.0

  SEER, 13.5 – 12.0 HSPF, INVERTER-driven compressor
- Dual Barrier Coating on coil, blower wheel, and shell interior
- Hyper-heating plus 100% heating capacity at -5°F outdoor ambient temperature
- Hyper-heating performance down to -13° F outdoor ambient temperature
- Backlit handheld controller with mode displayed as text:

  AUTO, COOL, DRY, HEAT, FAN
- Quiet operation as low as 20 dB(A)
- Triple-action filtration
  - Nano-platinum filter
  - Electrostatic anti-allergen enzyme filter
  - Deodorizing filter
- Energy Saving Mode
- Double-vane air delivery for enhanced circulation
  - Option to set each vane separately
  - Indirect or Direct setting option
  - Natural flow setting that creates air movement like a natural breeze
- 3D i-see Sensor®
  - Infrared human sensing technologies to measure location of human heat signatures
  - Analyzes room temperature in three dimensions to deliver conditioned air to those areas that need it using double-vane airflow and motorized vertical vanes
- Multi-function hand-held wireless controller or wall-mounted wireless controller available with smart phone control capabilities

High-efficiency, Hyper-heating systems

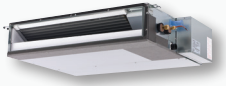
FKS Models

- Ideal for low-wall mounted applications
- Multi-flow vane technology
- Smart Set programming button with SETBACK down to 50° F in heating
- Washable, 10-year catechin filter and anti-allergy enzyme filter
- Hyper-heating performance down to -13° F outdoor ambient
- 100% heating capacity at 5° F outdoor ambient
- Recess mounting optional

(9,000 – 18,000 BTU/H)

Nv-Series Models

DKS Models



(9,000 – 18,000 BTU/H)

- Small compact design (7-7/8" height)
- Adjustable static pressure
- Built-in condensate lift mechanism (22-1/2" lift)
- Rear return or bottom return (with optional accessory)
- Low operating sound pressure levels; as low as 23 dB(A)
- Available as heat pump or Hyper-heating

EZ FIT® UKS Models

(9,000 – 18,000 BTU/H)

- Fits between 16" joist spacing
- Stylish, square design panel
- Built-in condensate lift mechanism (19.6" lift)
- Adjustable fan speeds and vane direction
- Serviceable from below
- Available as heat pump or Hyper-heating

CKS Models

(9,000 – 18,000 BTU/H)

- Fits in 2' x 2' suspended ceiling grid
- Four-way airflow
- Built-in condensate lift mechanism (33" lift)
- Catechin deodorizing filter
- Outside air intake
- Available as heat pump or Hyper-heating

AMT Models

(12,000 – 36,000 BTU/H)

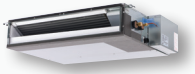
- Upflow/horizontal configurations
- Condensate overflow switch connection
- Outside air intake
- Humidifier and ERV interface connection
- Auxiliary heat control connections
- Optional heat kits are from 3kW to 10kW
- Optional down flow kit
- Available as heat pump or Hyper-heating

Multi-Zone Heat Pump Lineup
Indoor Units:

WPH 06 to 18
WST 06 to 24
EF 09 to 18

FKS 09 to 18

PCA-A24KA7



DKS 09 to 18

UKS 09 to 18

PEAD-A09-36AA7

PLA-A12-36EA7

AMT 12 to 36

CKS 09 to 15

Multi-zone Heat Pumps

2:1, 3:1, 4:1, 5:1, and 8:1 Zoned Solutions

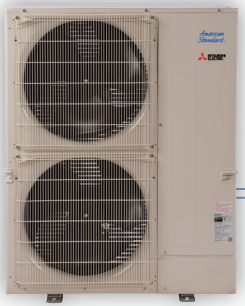
(20,000–60,000 BTU/H)

- Many combinations have received the ENERGY STAR® certification
- Precise, individual room comfort control
- Multiple indoor air handler options (non-ducted and ducted)
- Minimum of two indoor units must be installed
- Standard heat pump or Hyper-heating

STANDARD	Hyper-Heating
NAXMMX20A122AA	NAXMPH20A122AA
NAXMMX24A132AA	NAXMPH24A132AA
NAXMMX30A132AA	NAXMPH30A132AA
NAXMMX36A142AA	NAXMPH36A142BA
NAXMMX42A152AA	NAXMPH42A152BA
NAXMMX48A182BA	NAXMPH48A182BA
NAXMMX60A182BA	

DIAMOND COMFORT SYSTEM™

Multi-zone Systems*

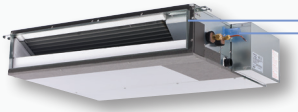


OUTDOOR UNIT

BRANCH BOX

WALL-MOUNTED
INDOOR UNITS

MULTI-POSITION
AIR HANDLER



HORIZONTAL-DUCTED
INDOOR UNITS

FLOOR-MOUNTED
INDOOR UNITS

CEILING-CASSETTE
INDOOR UNITS

*Illustration purposes only. Refer to compatibility chart for combination allowances.

Nv-Series Cooling-Only Systems

WST/SST
Wall-mounted Indoor Unit

Model Specifications

(air conditioners)

NAYSST15A112A*

NAYWST15A112A*

Indoor Model #	NAYWST09A112A*	NAYWST12A112A*	NAYWST15A112A*		NAYWST18A112A*	NAYWST24A112A*	NAYWST30A112A*	NAYWST36A112A*
Outdoor Model #	NAYSST09A112A*	NAYSST12A112A*	NAYSST15A112A*		NAYSST18A112A*	NAYSST24A112A*	NAYSST30A112A*	NAYSST36A112A*
Rated Cooling Capacity (BTU/H)	9,000	12,000	14,000		18,000	22,400	30,600	34,600
Cooling Capacity Range (BTU/H)	3,600–12,200	1,500–13,600	3,100–18,200		5,800–22,000	8,200–31,400	9,800–30,700	9,800–34,600
SEER	24.6	23.1	21.6		20.5	20.5	16.0	15.1
EER	15.4	13.0	13.0		13.4	12.5	9.1	8.2
Airflow at Cooling, Dry (CFM)	399-321-237-170-145		533-420-335-272-205		646-522-417-332-258	738-628-544-469-388	887-848-639-389	
Airflow at Cooling, Wet (CFM)	364-286-201-134-109		498-385-300-237-170		581-470-375-299-232	661-562-487-420-347	798-763-576-350	
Lineset Size (Liquid x Gas)	1/4" x 3/8"		1/4" x 1/2"		1/4" x 1/2"	3/8" x 5/8"		
Max. Piping Length/Height	65'/40'				100'/50'			
Breaker Size	15 AMP				15 AMP	20 AMP	25 AMP	
Cooling Operation Range*	14° to 115° F				14° to 115° F			
Multi-split Connection	No				No			

Test conditions are based on AHRI 210/240.
*Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

Nv-Series units are pre-charged for up to a 25' line set.

Nv-Series Heat Pump Systems

WPH/SP* H2i plus™

Deluxe Wall-mounted Indoor Unit

Model Specifications

(hyper-heating heat pumps)

NAXSP(H/B)09B112A*

NAXWPH09B112A*

Indoor Model #	NAXWPH06B1112A*	NAXWPH09B1112A*		NAXWPH12B1112A*	NAXWPH15B1112A*	NAXWPH18B1112A*
Outdoor Model #	NAXSP(H/B)06B112A*	NAXSP(H/B)09B112A*		NAXSP(H/B)12B112A*	NAXSP(H/B)15B112A*	NAXSP(H/B)18B112A*
Rated Cooling Capacity (BTU/H)	6,000	9,000		12,000	14,000	17,200
Cooling 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 Heating Capacity (BTU/H)	8,700	9,600		12,300	16,000	19,000
Heating Capacity Range (BTU/H)	1,600 - 14,000	1,600 - 18,000		3,700 - 21,000	5,150 - 24,000	5,150 - 30,000
Max. Heating Capacity at 17°F (BTU/H)	12,840	14,170		17,410	22,730	27,000
Max. Heating Capacity at 5°F (BTU/H)	10,500	11,590		14,690	19,360	23,000
Max. Heating Capacity at -13°F (BTU/H)	7,250	8,000		11,000	14,000	17,100
SEER	33.1	30.5		26.1	22.2	21.0
HSPF	13.5(12.5)	13.5(12.5)		12.5(12.0)	12.5(12.0)	12.5(12.0)
EER	19.0	16.1		13.8	14.0	12.5
Airflow at Cooling (CFM)	137–167–221–304–381			137–167–221–304–424	225–262–304–355–437	225–262–304–355–437
Airflow at Heating (CFM)	140–167–225–325–437			155–226–282–367–454	201–272–350–410–514	201–272–350–410–514
Lineset Size (Liquid x Gas)	1/4" x 3/8"			1/4" x 3/8"	1/4" x 1/2"	1/4" x 1/2"
Max. Piping Length/Height	65'/40'			65'/40'	100'/50'	100'/50'
Breaker Size	15 AMP			15 AMP	20 AMP	
Cooling Operation Range	14° to 115° F			14° to 115° F		
Heating Operation Range	-13° to 75° F			-13° to 75° F		
Multi-split Connection	Yes			Yes		

Test conditions are based on AHRI 210/240.

Nv-Series Heat Pump Systems

WST/SST

Wall-mounted Indoor Unit

Model Specifications

(heat pumps)

NAXSST09A112A*

NAXWST09A112A*

Indoor Model #	NAXWST09A112A*	NAXWST12A112A*	NAXWST15A112A*		NAXWST18A112A*	NAXWST24A112A*	NAXWST30A112A*	NAXWST36A112A*
Outdoor Model #	NAXSST09A112A*	NAXSST12A112A*	NAXSST15A112A*		NAXSST18A112A*	NAXSST24A112A*	NAXSST30A112A*	NAXSST36A112A*
Rated Cooling Capacity (BTU/H)	9,000	12,000	14,000		18,000	22,500	30,600	33,200
Cooling Capacity Range (BTU/H)	3,600–12,200	1,500–13,600	3,100–18,200		5,800–22,000	8,200–31,400	9,800–30,700	9,800–32,200
Rated Heating Capacity (BTU/H)	10,900	14,400	18,000		21,600	27,600	32,600	35,200
Heating Capacity Range (BTU/H)	4,500–15,900	2,000–18,100	4,800–20,900		5,400–25,000	7,500–36,900	8,700–34,000	8,700–36,000
Max. Heating Capacity at 17° F (BTU/H)	10,200	12,000	16,400		18,200	24,600	20,800	22,800
Max. Heating Capacity at 5° F (BTU/H)	8,170	9,790	13,680		14,900	19,320	NA	NA
SEER	24.6	23.1	21.6		20.5	20.5	14.5	14.5
HSPF	12.8	12.5	11.7		11.2	10.0	8.2	8.2
EER	15.4	13.0	13.0		13.4	12.5	8.0	7.6
Airflow at Cooling (CFM)	399-321-237-170-145		533-420-335-272-205		646-522-417-332-258	738-628-544-469-388	887-848-639-389	
Airflow at Heating (CFM)	406-321-237-170-145		463-367-304-247-205		646-565-469-385-297	738-628-544-469-388	889-848-639-455	
Lineset Size (Liquid x Gas)	1/4" x 3/8"		1/4" x 1/2"		1/4" x 1/2"	3/8" x 5/8"		
Max. Piping Length/ Height	65'/40'				100'/50'			
Breaker Size	15 AMP				15 AMP	20 AMP	25 AMP	
Cooling Operation Range	14° to 115° F				14° to 115° F			
Heating Operation Range	-4° to 75° F				-4° to 75° F		14° to 75° F	
Multi-split Connection	Yes				Yes		No	

Test conditions are based on AHRI 210/240.

NAXWST24A112A* precharged to 33' line set.

Nv-Series Heat Pump Systems

WMT/SMT
18 SEER Wall-mounted Indoor Unit

Model Specifications

(heat pumps)

NAXSMT09A112A*

NAXWMT09A112A*

Indoor Model #	NAXWMT09A112A*	NAXWMT12A112A*		NAXWMT15A112A*	NAXWMT18A112A*	NAXWMT24A112A*
Outdoor Unit	NAXSMT09A112A*	NAXSMT12A112A*		NAXSMT15A112A*	NAXSMT18A112A*	NAXSMT24A112A*
Rated Cooling Capacity (BTU/H)	9,000	12,000		14,000	17,200	22,400
Cooling 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 Heating Capacity (BTU/H)	10,900	12,200		18,000	18,000	26,000
Heating Capacity Range (BTU/H)	4,500 – 11,800	4,500 – 14,500		4,800 – 18,500	5,400 – 20,900	5,400 – 26,000
Max. Heating Capacity at 17° F (BTU/H)	7,200	9,000		14,000	15,000	18,500
Max. Heating Capacity at 5° F (BTU/H)	5,990	7,440		12,240	12,780	15,600
SEER	18.0	18.0		18.0	18.0	18.0
HSPF	10.0	10.0		10.0	10.0	10.0
EER	12.0	9.9		12.0	10.5	8.6
Airflow at Cooling (CFM)	399-321-237-170			533-420-335-272	625-530-431-328	702-530-431-353
Airflow at Heating (CFM)	406-321-237-170			463-367-304-247	625-530-431-307	702-579-448-346
Lineset Size (Liquid x Gas)	1/4" x 3/8"			1/4" x 1/2"		3/8" x 5/8"
Max. Piping Length/ Height	65'/40'			65'/40'		100'/50'
Breaker Size	15 AMP			15 AMP		
Cooling Operation Range	14° to 115° F			14° to 115° F		
Heating Operation Range	-4° to 75° F			-4° to 75° F		
Multi-split Connection	No			No		

Test conditions are based on AHRI 210/240.

Nv-Series Heat Pump Systems

WMT/SMT
115V Wall-mounted Indoor Unit

WEL/SEL
16 SEER Wall-mounted Indoor Unit

Model Specifications

(heat pumps)

NAXSMT09A111A*
NAXSEL09A112A*

NAXWMT09A111A*
NAXWEL09A112A*

Indoor Model #	NAXWMT09A111A*[1]	NAXWMT12A111A*[1]		NAXWEL09A112A*	NAXWEL12A112A*	NAXWEL18A112A*	NAXWEL24A112A*
Outdoor Unit	NAXSMT09A111A*[1]	NAXSMT12A111A*[1]		NAXSEL09A112A*	NAXSEL12A112A*	NAXSEL18A112A*	NAXSEL24A112A*
Rated Cooling Capacity (BTU/H)	9,000	12,000		9,000	12,000	17,200	22,400
Cooling Capacity Range (BTU/H)	3,800 – 10,000	3,800 – 12,200		3,800 – 10,000	3,800 – 12,200	5,800 – 18,000	5,800 – 22,500
Rated Heating Capacity (BTU/H)	10,900	12,200		10,900	12,200	18,000	26,000
Heating Capacity Range (BTU/H)	4,500 – 11,800	4,500 – 14,500		4,500 – 11,800	4,500 – 14,500	5,400 – 20,900	5,400 – 26,000
Max. Heating Capacity at 17° F (BTU/H)	7,200	9,000		7,200	9,000	14,000	15,000
Max. Heating Capacity at 5° F (BTU/H)	5,990	7,440		5,990	7,440	12,780	15,600
SEER	17.0	17.0		16.0	16.0	16.0	16.0
HSPF	9.0	9.0		8.5	8.5	8.5	8.5
EER	12.0	9.9		11.0	9.0	10.0	8.0
Airflow at Cooling (CFM)	170-237-321-399			170-237-321-399		328-431-530-625	353-43-530-702
Airflow at Heating (CFM)	170-237-321-406			170-237-321-406		307-431-530-625	346-448-579-702
Lineset Size (Liquid x Gas)	1/4" x 3/8"			1/4" x 3/8"		1/4" x 1/2"	3/8" x 5/8"
Max. Piping Length/ Height	65'/40'			65'/40'			100'/50'
Breaker Size	15 AMP			15 AMP			
Cooling Operation Range	14° to 115° F			32° to 115° F			
Heating Operation Range	-4° to 75° F			5° to 75° F			
Multi-split Connection	No			No			

[1]Power Supply: 115V, 1 phase, 60Hz

Test conditions are based on AHRI 210/240.

Nv-Series Heat Pump Systems

FKS/SPF
Floor-mounted Indoor Unit

Model Specifications

(hyper-heating heat pumps)

NAXSPF09A112A*

NAXFKS09A112A*

Indoor Model #	NAXFKS09A112A*		NAXFKS12A112A*	NAXFKS15A112A*	NAXFKS18A112A*
Outdoor Unit	**NAXSPF09A112A***		**NAXSPF12A112A***	**NAXSPF15A112A***	**NAXSPF18A112A***
Rated Cooling Capacity (BTU/H)	9,000		12,000	15,000	17,000
Cooling Capacity Range (BTU/H)	2,300 – 14,000		2,300 – 15,000	5,300 – 19,000	5,300 – 22,500
Rated Heating Capacity (BTU/H)	11,000		13,000	18,000	21,000
Heating Capacity Range (BTU/H)	2,900–19,000		2,900–22,800	5,700–25,000	5,700–29,000
Max. Heating Capacity at 17° F (BTU/H)	13,400		14,800	20,500	23,000
Max. Heating Capacity at 5° F (BTU/H)	11,000		13,000	18,000	21,000
Max. Heating Capacity at -13° F (BTU/H)	7,260		8,450	13,860	15,960
SEER	28.2		25.5	21.8	21.0
HSPF	13.0		12.0	11.6	11.3
EER	15.8		13.6	13.5	12.6
Airflow at Cooling (CFM)	417-360-272-198-138		417-360-272-198-138	431-392-311-354-198	491-420-328-254-198
Airflow at Heating (CFM)	417-328-254-191-138		417-328-254-191-138	470-399-328-268-212	
Lineset Size (Liquid x Gas)	1/4" x 3/8"		1/4" x 3/8"	1/4" x 1/2"	
Max. Piping Length/ Height	65'/40'		65'/40'	100'/50'	
Breaker Size	15 AMP		15 AMP	20 AMP	
Cooling Operation Range	14° to 115° F		14° to 115° F		
Heating Operation Range	-13° to 75° F		-13° to 75° F		
Multi-split Connection	Yes		Yes		

Test conditions are based on AHRI 210/240.

Nv-Series Heat Pump Systems

UKS/SK*
EZ FIT® Ceiling Cassette

Model Specifications

(heat pumps)
(hyper-heating heat pumps)


NAXSKH12A112A*


NAXSKS09A112A*


NAXUKS09A112A*

Indoor Model #	NAXUKS09A112A*	NAXUKS12A112A*	NAXUKS18A112A*		NAXUKS09A112A*	NAXUKS12A112A*	NAXUKS18A112A*
Outdoor Model #	NAXSKS09A112A*	NAXSKS12A112A*	NAXSKS18A112A*		NAXSKH09A112A*	NAXSKH12A112A*	NAXSKH18A112A*
Rated Cooling Capacity (BTU/H)	9,000	12,000	18,000		9,000	12,000	16,700
Cooling Capacity Range (BTU/H)	3,600 – 9,000	3,900 – 12,000	6,600 – 18,000		4,800–9,000	5,270–12,000	8,740–16,700
Rated Heating Capacity (BTU/H)	12,000	15,400	20,000		12,000	15,000	18,600
Heating Capacity Range (BTU/H)	4,500 – 15,900	2,000 – 18,100	4,800 – 20,900		8,300–14,000	7,800–18,000	8,500–22,000
Max. Heating Capacity at 17° F (BTU/H)	10,200	12,000	16,400		12,000	15,000	18,600
Max. Heating Capacity at 5° F (BTU/H)	6,100	7,900	10,700		12,000	15,000	18,600
Max. Heating Capacity at -13° F (BTU/H)	—	—	—		5,160	6,450	7,990
SEER	19.5	19.8	22.3		18.9	19.0	18.8
HSPF	13.3	12.1	12.4		11.0	10.2	10.0
EER	12.6	12.5	12.5		12.5	12.7	12.5
Airflow at Cooling (CFM)	212-254-283-311	212-258-297-332	212-293-346-403		212-254-282-311	212-258-297-332	212-293-346-403
Airflow at Heating (CFM)	212-247-290-325	212-272-311-350	212-311-364-417		212-247-290-325	212-272-311-350	212-311-364-417
ESP (in. WG)	—	—	—		—	—	—
Lineset Size (Liquid x Gas)	1/4" x 3/8"		1/4" x 1/2"		1/4" x 3/8"	1/4" x 3/8"	1/4" x 1/2"
Max. Piping Length/ Height	65'/40'		100'/50'		65'/40'	65'/40'	100'/50'
Breaker Size	14 AMP				15 AMP	15 AMP	15 AMP
Cooling Operation Range	14° to 115° F				14° to 115° F	14° to 115° F	14° to 115° F
Heating Operation Range	-4° to 75° F				-13° to 75° F	-13° to 75° F	-13° to 75° F
Multi-split Connection	Yes				Yes		

Test conditions are based on AHRI 210/240.

Nv-Series Heat Pump Systems

CKS/SK*
Four-way Ceiling Cassette

Model Specifications

(heat pumps)
(hyper-heating heat pumps)


NAXSKH12A112A*


NAXSKS09A112A*


NAXCKS09A112A*

Indoor Model #	NAXCKS09A112A*	NAXCKS12A112A*	NAXCKS15A112A*		NAXCKS18A112A*	NAXCKS09A112A*	NAXCKS12A112A*	NAXCKS15A112A*	NAXCKS18A112A*
Outdoor Model #	NAXSKS09A112A*	NAXSKS12A112A*	NAXSKS15A112A*		NAXSKS18A112A*	NAXSKH09A112A*	NAXSKH12A112A*	NAXSKH15A112A*	NAXSKH18A112A*
Rated Cooling Capacity (BTU/H)	9,000	12,000	14,100		17,700	9,000	12,000	13,700	16,800
Cooling Capacity Range (BTU/H)	3,600 – 9,000	3,900 – 12,000	5,100 – 14,100		6,100 – 17,700	4,800–9,000	5,070–12,000	8,500–13,700	9,010–16,800
Rated Heating Capacity (BTU/H)	11,000	13,000	18,000		19,700	11,000	13,800	16,400	18,800
Heating Capacity Range (BTU/H)	11,000 – 12,000	13,000 – 13,000	18,000 – 18,000		19,700 – 20,900	7,400–13,200	7,800–14,500	8,300–19,000	8,300–20,000
Max. Heating Capacity at 17° F (BTU/H)	6,900	8,900	11,900		12,900	11,000	13,800	16,400	18,800
Max. Heating Capacity at 5° F (BTU/H)	5,600	6,100	8,900		9,800	11,000	13,800	16,400	18,800
Max. Heating Capacity at -13° F (BTU/H)	—	—	—		—	4,730	5,930	7,050	8,080
SEER	22.4	22.0	19.8		20.7	20.2	20.3	17.7	19.0
HSPF	12.2	11.4	11.2		11.6	10.0	10.0	9.0	9.4
EER	13.4	13.3	12.2		12.5	15.0	12.7	12.5	12.5
Airflow at Cooling (CFM)	230-265-300	230-265-335	245-315-405		300-420-475	230-265-300	335-280-230	405-315-245	475-420-300
Airflow at Heating (CFM)	230-265-335	230-265-335	245-315-405		300-420-475	230-265-300	230-280-335	245-315-405	300-420-475
ESP (in. WG)	—	—	—		—	—	—	—	—
Lineset Size (Liquid x Gas)	1/4" x 3/8"		1/4" x 1/2"		1/4" x 1/2"	1/4" x 3/8"	1/4" x 3/8"	1/4" x 1/2"	1/4" x 1/2"
Max. Piping Length/ Height	65'/40'				100'/50'	65'/40'			100'/50'
Breaker Size	14 AMP				14 AMP	15 AMP			
Cooling Operation Range	14° to 115° F				14° to 115° F				
Heating Operation Range	-4° to 75° F				-4° to 75° F	-13° to 75° F			
Multi-split Connection	Yes				Yes				

Test conditions are based on AHRI 210/240.

Test conditions are based on AHRI 210/240.

AMT/SKS
Multi-position Air Handler

Model Specifications

(heat pumps)

NAXSKS12A112A*

NAXAMT12A112A*

Indoor Model #	NAXAMT12A112A*	NAXAMT18A112A*		NAXAMT24A112A*	NAXAMT30A112A*	NAXAMT36A112A*
Outdoor Model #	NAXSKS12A112A*	NAXSKS18A112A*		NAXSKS24A112A*	NAXSKS30A112A*	NAXSKS36A112A*
Rated Cooling Capacity (BTU/H)	12,000	18,000		24,000	27,000	33,000
Rated Cooling 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 Heating Capacity (BTU/H)	15,000	21,600		25,000	30,000	33,400
Heating Capacity Range (BTU/H)	5,000 – 13,500	7,700 – 22,800		5,000 – 13,500	7,700 – 22,800	7,700 – 22,800
Max. Heating Capacity at 17° F (BTU/H)	9,900	14,000		14,600	21,400	23,200
Max. Heating Capacity at 5° F (BTU/H)	7,800	12,200		—	—	—
Max. Heating Capacity at -13° F (BTU/H)	—	—		—	—	—
SEER	18				18	16.0
HSPF (IV)	12.1	12.6		10.4	13.6	11.7
EER*1	12.7	13.2		12.5	12.5	8.8
Airflow at Cooling (CFM)	278-381-448	471-573-675		515-625-735	613-744-875	767-910-910
Airflow at Heating (CFM)	278-381-448	471-573-675		515-625-735	613-744-875	767-910-910
ESP (in. WG)	0.3-0.5-0.8			0.3-0.5-0.8		
Lineset Size (Liquid x Gas)	1/4" x 3/8"	1/4" x 1/2"		3/8" x 5/8"		
Max. Piping Length/Height	65'/40'	100'/50'		100'/50'		
Breaker Size	15 AMP			20 AMP		
Cooling Operation Range	14° to 115° F			14° to 115° F		
Heating Operation Range	14° to 75° F			14° to 75° F		
Multi-split Connection	No			No		

*1 Test conditions are based on AHRI 210/240.

*1 Test conditions are based on AHRI 210/240.

Nv-Series Heat Pump Systems

AMT/SKH
Multi-position Air Handler

Model Specifications

(hyper-heating heat pumps)

NAXSKH12A112A*

NAXAMT12A112A*

Indoor Model #	NAXAMT12A112A*	NAXAMT18A112A*		NAXAMT24A112A*	NAXAMT30A112A*	NAXAMT36A112A*
Outdoor Model #	NAXSKH12A112A*	NAXSKH18A112A*		NAXSKH24A112A*	NAXSKH30A112A*	NAXSKH36A112A*
Rated Cooling Capacity (BTU/H)	12,000	18,000		24,000	27,000	36,000
Rated Cooling Capacity Range (BTU/H)	5,600–12,000	9,360–18,000		8,800-24,000	13,400-27,000	14,200-36,000
Rated Heating Capacity (BTU/H)	15,000	21,600		23,000	32,000	37,000
Heating Capacity Range (BTU/H)	7,700–18,000	8,800–28,000		9,400-28,800	13,000-34,000	13,800-40,000
Max. Heating Capacity at 17° F (BTU/H)	15,000	21,600		23,000	32,000	37,000
Max. Heating Capacity at 5° F (BTU/H)	15,000	21,600		23,000	32,000	37,000
Max. Heating Capacity at -13° F (BTU/H)	6,450	9,280		-	-	-
SEER	19.0	18.4		16.0	15.0	16.0
HSPF (IV)	10.2	10.4		9.2	9.0	9.0
EER*1	13.9	12.5		9.9	12.5	9.5
Airflow at Cooling (CFM)	448-381-278	675-573-471		515-625-735	613-744-875	767-910-910
Airflow at Heating (CFM)	278-381-448	471-573-675		515-625-735	613-744-875	767-910-910
ESP (in. WG)	0.3-0.5-0.8			0.3-0.5-0.8		
Lineset Size (Liquid x Gas)	1/4" x 3/8"	1/4" x 1/2"		3/8" x 5/8"		
Max. Piping Length/Height	65'/40'	100'/50'		165'/100'	245'/100'	
Breaker Size	15 AMP			25 AMP	35 AMP	
Cooling Operation Range	14° to 115° F	14° to 115° F		23° to 115°F		
Heating Operation Range	-13° to 75° F			-13° to 70°F		
Multi-split Connection	Yes			Yes		

Test conditions are based on AHRI 210/240.

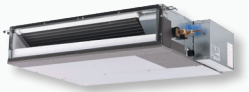
Test conditions are based on AHRI 210/240.

PEAD/SKS
Mid Static Horizontal-ducted Indoor Unit

Model Specifications

(heat pumps)

NAXSKS09A112A*



PEAD-A12AA7

Indoor Model #	PEAD-A09AA7	PEAD-A12AA7	PEAD-A15AA7		PEAD-A18AA7	PEAD-A24AA7	PEAD-A30AA7	PEAD-A36AA7
Outdoor Model #	NAXSK09A112A	NAXSKS12A112A	NAXSKS15A112A		NAXSKS18A112A	NAXSKS24A112A	NAXSKS30A112A	NAXSKS36A112A
Rated Cooling Capacity (BTU/H)	9,000	12,000	15,000		18,000	24,000	27,000	33,000
Rated Cooling 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 Heating Capacity (BTU/H)	12,000	15,000	18,000		21,600	25,000	30,000	33,400
Heating 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
Max. Heating Capacity at 17° F (BTU/H)	10,200	12,000	16,400		16,400	14,600	21,400	23,200
Max. Heating Capacity at 5° F (BTU/H)	6,100	7,900	10,100		12,000	-	-	-
SEER	19.7	20.5	19.2		19.8	18.0	18.0	16.0
HSPF (IV)	12.6	13.0	11.6		12.9	11.2	12.6	11.6
EER*1	12.5	12.9	13.0		14.1	12.5	12.5	9.4
Airflow at Cooling (CFM)	282-318-353	353-424-494	424-512-600		212-293-346-403	512-636-742	618-742-883	847-1,024-1,201
Airflow at Heating (CFM)	282-318-353	353-424-494	424-512-600		212-293-346-403	512-636-742	618-742-883	847-1,024-1,201
ESP (in. WG)	0.14-0.20-0.28-0.40-0.60				0.14-0.20-0.28-0.40-0.60			
Lineset Size (Liquid x Gas)	1/4" x 3/8"		1/4" x 1/2"		1/4" x 1/2"	3/8" x 5/8"		
Max. Piping Length/Height	65'/40'		100'/50'		100'/50'			
Breaker Size	15 AMP				15 AMP	20 AMP		
Cooling Operation Range	14° to 115° F				14° to 115° F			
Heating Operation Range	-4° to 75° F				-4° to 75° F	14° to 75° F		
Multi-split Connection	Yes				Yes			

1Port adapter (MAC-A455JP-E) is needed for PEAD-A12AA7 connection with NAXSKS12A112A.

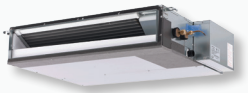
Test conditions are based on AHRI 210/240.

PEAD/SKH
Mid Static Horizontal-ducted Indoor Unit

Model Specifications

(hyper-heating pumps)

NAXSKH12A112A*



PEAD-A12AA7

Indoor Model #	PEAD-A09AA7	PEAD-A12AA7	PEAD-A15AA7		PEAD-A18AA7	PEAD-A24AA7	PEAD-A30AA7	PEAD-A36AA7
Outdoor Unit	**NAXSKH 09A112A***	**NAXSKH 12A112A***	**NAXSKH 15A112A***		**NAXSKH 18A112A***	**NAXSKH 24A112A***	**NAXSKH 30A112A***	**NAXSKH 36A112A***
Rated Cooling Capacity (BTU/H)	9,000	12,000	15,000		18,000	24,000	30,000	33,000
Cooling Capacity Range (BTU/H)	5,000–9,000	5,770–12,000	9,600–15,000		9,320–18,000	10,000-24,000	14,600-30,000	15,600-33,000
Rated Heating Capacity (BTU/H)	12,000	15,000	18,000		21,600	25,000	32,000	37,000
Heating Capacity Range (BTU/H)	8,200–14,000	7,900–18,000	8,800–23,000		8,800–28,000	10,000-28,000	14,700-34,000	17,400-40,000
Max. Heating Capacity at 17° F (BTU/H)	12,000	15,000	18,000		21,600	25,000	32,000	37,000
Max. Heating Capacity at 5° F (BTU/H)	12,000	15,000	18,000		21,600	25,000	32,000	37,000
Max. Heating Capacity at -13° F (BTU/H)	5,160	6,450	7,740		9,280	-	-	-
SEER	17.8	19.3	18.3		18.9	15.0	15.0	15.0
HSPF	10.8	11.0	9.9		10.8	9.0	9.0	9.0
EER	13.8	14.1	12.6		12.8	10.3	12.5	12.5
Airflow at Cooling (CFM)	353-318-282	494-424-353	600-512-424		600-512-424	512-635-741	618-742-883	847-1024-1201
Airflow at Heating (CFM)	282-318-353	353-424-494	424-512-600		424-512-600	512-635-741	618-742-883	847-1024-1201
ESP (in. WG)	0.14-0.2-0.28-0.4-0.6				0.14-0.20-0.28-0.40-0.60			
Lineset Size (Liquid x Gas)	1/4" x 3/8"		1/4" x 1/2"		1/4" x 1/2"	3/8" x 5/8"		
Max. Piping Length/ Height	65'/40'				100'/50'	165'/100'	245'/100'	245'/100'
Breaker Size	15 AMP				15 AMP	25 AMP	35 AMP	
Cooling Operation Range	14° to 115° F				14° to 115° F	23° to 115°F		
Heating Operation Range	-13° to 75° F				-13° to 70°F			
Multi-split Connection	Yes				Yes			

Port adapter (MAC-A455JP-E) is needed for PEAD-A12AA7 with NAXSKH12A112A.
Test conditions are based on AHRI 210/240.

Nv-Series Heat Pump Systems

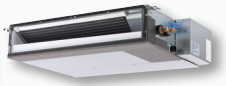
DKS/SK*
Low Static Horizontal-ducted Indoor Unit

Model Specifications

(heat pumps)
(hyper-heating heat pumps)

NAXSKH12A112A*

NAXSKS09A112A*



NAXDKS12A112A*

Indoor Model #	NAXDKS09A112A*	NAXDKS12A112A*	NAXDKS15A112A*		NAXDKS 18A112A*	NAXDKS 09A112A*	NAXDKS 12A112A*	NAXDKS 15A112A*	NAXDKS 18A112A*
Outdoor Model #	**NAXSKS09A112A***	**NAXSKS12A112A***	**NAXSKS15A112A***		**NAXSKS 18A112A***	**NAXSKH 09A112A***	**NAXSKH 12A112A***	**NAXSKH 15A112A***	**NAXSKH 18A112A***
Rated Cooling Capacity (BTU/H)	9,000	12,000	15,000		18,000	9,000	12,000	15,000	18,000
Cooling Capacity Range (BTU/H)	3,900 – 9,000	4,000 – 12,000	5,200 – 15,000		6,100 – 18,000	4,500–9,000	5,210–12,000	9,000–15,000	9,200–18,000
Rated Heating Capacity (BTU/H)	12,000	15,000	18,000		21,600	12,500	15,000	18,000	21,600
Heating Capacity Range (BTU/H)	4,200 – 12,800	4,800 – 16,800	5,000 – 21,600		8,100 – 25,600	8,100–13,300	7,700–18,000	8,600–22,400	8,800–28,000
Max. Heating Capacity at 17° F (BTU/H)	7,300	9,800	13,700		15,000	12,500	15,000	18,000	21,600
Max. Heating Capacity at 5° F (BTU/H)	6,000	7,900	10,000		12,000	12,500	15,000	18,000	21,600
Max. Heating Capacity at -13° F (BTU/H)						5,370	6,450	7,740	9,280
SEER	18.8	20.5	19.0		22.0	17.3	19.0	17.3	19.1
HSPF	11.0	12.4	11.4		13.1	9.8	10.2	9.5	10.9
EER	12.8	12.9	13.0		13.7	13.0	13.0	12.5	13.1
Airflow at Cooling (CFM)	194-247-317	247-317-388	353-441-529		423-529-635	317-247-194	388-317-247	529-441-353	635-529-423
Airflow at Heating (CFM)	194-247-317	247-317-388	353-441-529		423-529-635	194-247-317	247-317-388	353-441-529	423-529-635
ESP (in. WG)	0.20-0.14-0.06-0.02				0.20-0.14-0.06-0.02	0.02-0.06-0.14-0.2			
Lineset Size (Liquid x Gas)	1/4" x 3/8"		1/4" x 1/2"		1/4" x 1/2"	1/4" x 3/8"		1/4" x 1/2"	
Max. Piping Length/Height	60'/40'				100'/50'	65'/40'			100'/50'
Breaker Size	15 AMP				15 AMP				
Cooling Operation Range	14° to 115° F				14° to 115° F				
Heating Operation Range	-4° to 75° F				-4° to 75° F	-13° to 75° F			
Multi-split Connection	Yes				Yes				

MX

Model Specifications

(multi-zone heat pumps)

NAXMMX48A182BA

BRANCH BOX
FOR INDOOR UNIT
CONNECTIONS

Two sizes are available:

- 3-branch TAC-MKA32BC
- 5-branch TAC-MKA52BC (shown left)

Outdoor Model #	NAXMMX 20A112A*	NAXMMX 24A132AA		NAXMM 30A132AA	NAXMMX 36A142AA	NAXMMX 42A152AA	NAXMMX 48A182BA	NAXMMX 60A182BA
Rated Cooling Capacity (BTU/H) Non-ducted/Ducted	18,000/20,000	22,000/23,600		28,400/27,400	35,400/34,400	40,500/37,400	48,000	60,000
Cooling Capacity Range (BTU/H)	5,700–20,000	6,000–24,000		6,000–30,000	6,000–36,000	6,000–41,600	15,500-48,000	30,000-60,000
Rated Heating Capacity (BTU/H) Non-ducted/Ducted	22,000	25,000/24,600		28,600/27,600	36,000/34,400	45,000/41,000	54,000	66,000
Heating Capacity Range (BTU/H)	7,400–25,000	7,400–25,000		7,400–30,000	7,400–36,000	7,400 –46,400	22,500-54,000	31,000–66,000
Max. Heating Capacity at 17° F (BTU/H)	14,500/15,500	19,600		21,000	26,600	30,500	36,600	65,000
Max. Heating Capacity at 5° F (BTU/H)	11,100/10,900	18,200		18,200	24,000	26,000	32,400	57,000
SEER Non-ducted / Ducted / Mixed	20.0/16.0/18.0	20.0/16.0/18.0		19.0/16.2/17.6	19.2/16.0/17.6	19.7/15.2/ 17.45	20.0/16.0/18.0	19.5/17.0/ 18.2
HSPF Non-ducted / Ducted / Mixed	10.0/9.3/9.65	9.8/9.2/9.50		10.6/9.6/9.6	11.0/9.8/10.4	10.3/9.1/9.7	11.5/10.1/10.8	10.7/10.7/10.7
EER Non-ducted / Ducted / Mixed	12.7/10/11.35	13.6/11.2/12.4		10.6/9.6/10.1	9.4/8.7/9.05	9.2/9.0/9.1	12.2/10.0/11.1	12.5/10.0/ 11.2
Individual/Combined Max. Lineset Length	164'/82'	230'/82'		230'/82'		262'/82'	492'/262'	
Breaker Size	20 AMP	25 AMP		25 AMP		40 AMP		50 AMP
Branch Box Required	No			No			Yes	
Cooling Operation Range	14° to 115° F			14° to 115° F			5° to 115° F (When optional wind baffle is used)	
Heating Operation Range	5° to 75° F			5° to 75° F			-4° to 70° F	

Test conditions are based on AHRI 210/240.

Model Specifications

(multi-zone hyper-heating heat pumps)

NAXMPH48A182BA

BRANCH BOX
FOR INDOOR UNIT
CONNECTIONS

Two sizes are available:

- 3-branch TAC-MKA32BC
- 5-branch TAC-MKA52BC
(shown left)

Outdoor Model #	NAXMPH20A112A*	NAXMPH24A132AA		NAXMPH30A132AA	NAXMPH36A142BA	NAXMPH42A182BA	NAXMPH48A182BA
Rated Cooling Capacity (BTU/H) Non-ducted/Ducted	18,000/20,000	22,000/23,600		28,400/27,400	36,000	42,000	48,000
Cooling Capacity Range (BTU/H)	6,000–20,000	6,000–24,000		6,000–28,400	15,500–36,000	15,500–42,000	16,000–48,000
Rated Heating Capacity (BTU/H) Non-ducted/Ducted	22,000/22,000	25,000/24,600		28,600/27,600	45,000	48,000	54,000
Heated Capacity Range (BTU/H)	7,400–22,000	7,400–25,000		7,400–28,600	22,500–45,000	24,000–48,000	27,000–54,000
Max. Heating Capacity at 17° F (BTU/H)	22,000/22,000	25,000/24,600		28,600/27,600	45,000	48,000	54,000
Max. Heating Capacity at 5° F (BTU/H)	22,000	25,000		28,600	45, 000	48,000	54,000
Max. Heating Capacity at -13° F (BTU/H)	20,460	22,500		25,168	34,200	36,480	37,800
SEER Non-ducted / Ducted / Mixed	17.0/15.0/16.0	19.0/15.5/17.25		18.0/16.0/17.0	20.0/17.5/18.7	20.0/17.0/18.5	20.0/16.0/18.0
HSPF Non-ducted / Ducted / Mixed	9.8/9.5/9.65	10.0/9.0/9.5		11.0/9.8/10.4	11.3/11.0/11.1	11.0/10.6/10.8	11.5/10.1/10.8
EER Non-ducted / Ducted / Mixed	13.5/11.0/12.25	13.5/10.0/11.75		12.5/10.3/11.4	14.0/12.5/13.2	13.4/10.8/12.1	12.2/10.0/11.1
Individual/Combined Max. Lineset Length	164'/82'	230'/82'		230'/82'	492'/262'		
Breaker Size	40 amp			40 amp	50 amp		
Branch Box Required	No			No	Yes		
Cooling Operation Range	14° to 115° F			14° to 115° F	5° to 115° F (When optional wind baffle is used)		
Heating Operation Range	-13° to 75° F			-13° to 75° F	-13° to 70° F		

Test conditions are based on AHRI 210/240.

MSZ-EF for MX
Designer Wall-mounted Indoor Unit

Model Specifications
(heat pumps)

MSZ-EF09NA(W/B/S)

Indoor Model #	MSZ-EF09NA(W/B/S)	MSZ-EF12NA(W/B/S)		MSZ-EF15NA(W/B/S)	MSZ-EF18NA(W/B/S)
Outdoor Unit	NAXMMX/NAXMPH			NAXMMX/NAXMPH	
Rated Cooling Capacity (BTU/H)	9,000	12,000		15,000	18,000
Rated Heating Capacity (BTU/H)	10,900	14,400		18,000	21,600
Airflow at Cooling (CFM)	141-162-222-293-371			205-233-272-314-364	205-240-279-328-388
Airflow at Heating (CFM)	141-162-219-314-420	141-162-219-314-448		194-222-275-350-448	226-258-318-392-466
Lineset Size (Liquid x Gas)	1/4" x 3/8"			1/4" x 1/2"	

Test conditions are based on AHRI 210/240.

MMX/MPH Series Port Adapters

PORT ADAPTER GUIDE

Available Indoor Units	Line Set Size
NAXWPH/MSZ-EF/NAX(Y)WST/NAXWMT/NAXWEL Wall-mounted	
NAXWPH06B112A*	Liquid: 1/4" Gas: 3/8"
NAXWPH09B112A*	Liquid: 1/4" Gas: 3/8"
NAXWPH12B112A*	Liquid: 1/4" Gas: 3/8"
NAXWPH15B112A*	Liquid: 1/4" Gas: 1/2"
NAXWPH18B112A*	Liquid: 1/4" Gas: 1/2"
MSZ-EF09NA(W/B/S)	Liquid: 1/4" Gas: 3/8"
MSZ-EF12NA(W/B/S)	Liquid: 1/4" Gas: 3/8"
MSZ-EF15NA(W/B/S)	Liquid: 1/4" Gas: 3/8"
MSZ-EF18NA(W/B/S)	Liquid: 1/4" Gas: 3/8"
NAX(Y)WST06A112A*	Liquid: 1/4" Gas: 3/8"
NAX(Y)WST09A112A*	Liquid: 1/4" Gas: 3/8"
NAX(Y)WST12A112A*	Liquid: 1/4" Gas: 3/8"
NAX(Y)WST15A112A*	Liquid: 1/4" Gas: 1/2"
NAX(Y)WST18A112A*	Liquid: 1/4" Gas: 1/2"
NAX(Y)WST24A112A*	Liquid: 3/8" Gas: 5/8"
NAX(Y)WST30A112A*	Liquid: 3/8" Gas: 5/8"
NAX(Y)WST36A112A*	Liquid: 3/8" Gas: 5/8"
NAXWMT09A112A*	Liquid: 1/4" Gas: 3/8"
NAXWMT12A112A*	Liquid: 1/4" Gas: 3/8"
NAXWMT15A112A*	Liquid: 1/4" Gas: 1/2"
NAXWMT18A112A*	Liquid: 1/4" Gas: 1/2"
NAXWMT24A112A*	Liquid: 3/8" Gas: 5/8"
NAXWMT09A111A*	Liquid: 1/4" Gas: 3/8"
NAXWMT12A111A*	Liquid: 1/4" Gas: 3/8"
NAXWEL09A112A*	Liquid: 1/4" Gas: 3/8"
NAXWEL12A112A*	Liquid: 1/4" Gas: 3/8"
NAXWEL18A112A*	Liquid: 1/4" Gas: 1/2"
NAXWEL24A112A*	Liquid: 3/8" Gas: 5/8"

Available Indoor Units	Line Set Size
NAXFKS Floor-standing	
NAXFKS09A112A*	Liquid: 1/4" Gas: 3/8"
NAXFKS12A112A*	Liquid: 1/4" Gas: 3/8"
NAXFKS15A112A*	Liquid: 1/4" Gas: 1/2"
NAXFKS18A112A*	Liquid: 1/4" Gas: 1/2"
NAXAMT Multi-position	
NAXAMT12A112A*	Liquid: 1/4" Gas: 3/8"
NAXAMT18A112A*	Liquid: 1/4" Gas: 1/2"
NAXAMT24A112A*	Liquid: 3/8" Gas: 5/8"
NAXAMT30A112A*	Liquid: 3/8" Gas: 5/8"
NAXAMT36A112A*	Liquid: 3/8" Gas: 5/8"
PLA Ceiling-recessed	
PLA-A12EA7	Liquid: 1/4" Gas: 1/2"
PLA-A18EA7	Liquid: 1/4" Gas: 1/2"
PLA-A24EA7	Liquid: 3/8" Gas: 5/8"
PLA-A30EA7	Liquid: 3/8" Gas: 5/8"
PLA-A36EA7	Liquid: 3/8" Gas: 5/8"
PCA Ceiling-suspended	
PCA-A24KA7	Liquid: 3/8" Gas: 5/8"
NAXCKS Ceiling-cassette	
NAXCKS09A112A*	Liquid: 1/4" Gas: 3/8"
NAXCKS12A112A*	Liquid: 1/4" Gas: 3/8"
NAXCKS15A112A*	Liquid: 1/4" Gas: 1/2"
NAXCKS18A112A*	Liquid: 1/4" Gas: 1/2"
NAXUKS EZ FIT® Ceiling-cassette	
NAXUKS09A112A*	Liquid: 1/4" Gas: 3/8"
NAXUKS12A112A*	Liquid: 1/4" Gas: 3/8"
NAXUKS18A112A*	Liquid: 1/4" Gas: 1/2"

Available Indoor Units	Line Set Size
NAXDKS/PEAD Horizontal-ducted	
NAXDKS09A112A*	Liquid: 1/4" Gas: 3/8"
NAXDKS12A112A*	Liquid: 1/4" Gas: 3/8"
NAXDKS15A112A*	Liquid: 1/4" Gas: 1/2"
NAXDKS18A112A*	Liquid: 1/4" Gas: 1/2"
PEAD-A09AA7	Liquid: 1/4" Gas: 1/2"
PEAD-A12AA7	Liquid: 1/4" Gas: 1/2"
PEAD-A18AA7	Liquid: 1/4" Gas: 1/2"
PEAD-A24AA7	Liquid: 3/8" Gas: 5/8"
PEAD-A30AA7	Liquid: 3/8" Gas: 5/8"
PEAD-A36AA7	Liquid: 3/8" Gas: 5/8"

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-493PI	1/4" x 3/8"
ADP-5834	5/8" x 3/4"

PORT ADAPTER GUIDE

Port	Gas	Liquid
NAXMMX20A122A		
A; B	3/8"	1/4"
NAXMMX24A132A		
A	1/2"	1/4"
B; C	3/8"	1/4"
NAXMMX30A132		
A	1/2"	1/4"
B; C	3/8"	1/4"
NAXMMX36A142A		
A	1/2"	1/4"
B; C; D	3/8"	1/4"
NAXMMX42A152A		
A	1/2"	1/4"
B; C; D; E	3/8"	1/4"
NAXMPH20A122A		
A; B	3/8"	1/4"
NAXMPH24A132A		
A	1/2"	1/4"
B; C	3/8"	1/4"
NAXMPH30A132A		
A	1/2"	1/4"
B; C	3/8"	1/4"

The following NAXMMX/NAXMPH units must utilize at least one branch box
NAXMMX48A182B*
NAXMMX60A182B*
NAXMPH36A142B*
NAXMPH42A152B*
NAXMPH48A182B*

Branch Boxes		
Port	**Gas**	**Liquid**
TAC-MKA32BC [3-Port]		
A; B; C	3/8"	1/4"
TAC-MKA52BC [5-Port]		
A; B; C; D	3/8"	1/4"
E	1/2"	1/4"

Notes for application:

- Check the lineset sizes for your selected indoor 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 PAC-MKA52BC branch box or outdoor unit
- Adapt lineset size with appropriate port adapter from above list

Nv-Series Correction Factors

Model	Refrigerant piping length (one way)			
	25 Ft (Std)	40 Ft	65 Ft	100 Ft
NA(X/Y)SST09A112AA	Capacity x 1.0	Capacity x 0.988	Capacity x 0.968	-
NA(X/Y)SST12A112AA		Capacity x 0.988	Capacity x 0.968	-
NA(X/Y)SST15A112AA		Capacity x 0.988	Capacity x 0.968	-
NA(X/Y)SST18A112AA		Capacity x 0.985	Capacity x 0.963	Capacity x 0.933
NA(X/Y)SST24A112AA		Capacity x 0.983	Capacity x 0.956	Capacity x 0.921

Nv-Series Correction Factors

Model	Refrigerant piping length (one way)			
	25 Ft (Std)	40 Ft	65 Ft	100 Ft
NA(X/Y)SST30A112AA	Capacity x 1.0	Capacity x 0.976	Capacity x 0.937	Capacity x 0.887
NA(X/Y)SST36A112AA		Capacity x 0.974	Capacity x 0.932	Capacity x 0.878
NAXSMT09A112AB		Capacity x 0.988	Capacity x 0.967	-
NAXSMT12A112AB		Capacity x 0.988	Capacity x 0.967	-
NAXSMT15A112AB		Capacity x 0.988	Capacity x 0.967	-
NAXSMT18A112AB		Capacity x 0.985	Capacity x 0.963	Capacity x 0.933
NAXSMT24A112AA		Capacity x 0.983	Capacity x 0.956	Capacity x 0.921
NAXSMT09A111AA		Capacity x 0.988	Capacity x 0.967	-
NAXSMT12A111AA		Capacity x 0.988	Capacity x 0.967	-
NAXSEL09A112AB		Capacity x 0.988	Capacity x 0.967	-
NAXSEL12A112AB		Capacity x 0.988	Capacity x 0.967	-
NAXSEL18A112AB		Capacity x 0.985	Capacity x 0.963	Capacity x 0.933
NAXSEL24A112AA		Capacity x 0.983	Capacity x 0.956	Capacity x 0.921
NAXSPH06B112AA		Capacity x 0.988	Capacity x 0.967	-
NAXSPH09B112AA		Capacity x 0.988	Capacity x 0.967	-
NAXSPH12B112AA		Capacity x 0.988	Capacity x 0.967	-
NAXSPH15B112AA		Capacity x 0.985	Capacity x 0.963	Capacity x 0.933
NAXSPH18B112AA		Capacity x 0.985	Capacity x 0.963	Capacity x 0.933
NAXSKS09A112AA		Capacity x 0.988	Capacity x 0.967	-
NAXSKS12A112AA		Capacity x 0.988	Capacity x 0.967	-
NAXSKS15A112AA		Capacity x 0.988	Capacity x 0.967	-
NAXSKS18A112AA		Capacity x 0.985	Capacity x 0.963	Capacity x 0.933
NAXSKS24A112AA		Capacity x 0.985	Capacity x 0.963	Capacity x 0.933
NAXSKS30A112AA		Capacity x 0.983	Capacity x 0.956	Capacity x 0.921
NAXSKS36A112AA		Capacity x 0.983	Capacity x 0.956	Capacity x 0.921
NAXSKH09A112AA		Capacity x 0.963	Capacity x 0.904	-
NAXSKH12A112AA		Capacity x 0.963	Capacity x 0.904	-
NAXSKH15A112AA		Capacity x 0.981	Capacity x 0.944	-
NAXSKH18A112AA		Capacity x 0.981	Capacity x 0.944	Capacity x 0.892
NAXSKH24A112AA		Capacity x 0.988	Capacity x 0.960	Capacity x 0.933
NAXSKH30A112AA		Capacity x 0.988	Capacity x 0.960	Capacity x 0.933
NAXSKH36A112AA		Capacity x 0.988	Capacity x 0.960	Capacity x 0.933
NAXSPF09A112AA		Capacity x 0.988	Capacity x 0.967	-
NAXSPF12A112AA		Capacity x 0.988	Capacity x 0.967	-
NAXSPF15A112AA		Capacity x 0.985	Capacity x 0.963	Capacity x 0.933
NAXSPF18A112AA		Capacity x 0.985	Capacity x 0.963	Capacity x 0.933

Nv-Series Air Outlet Coverage Range*

Model Number	Mode	Function	Airflow (CFM)	Coverage (ft)
NAXWST06A112A* NAX(Y)WST09A112A* NAX(Y)WST12A112A*	HEAT	DRY	406	29.5
	COOL	WET	286	21.0
NAX(Y)WST15A112A*	HEAT	DRY	406	29.5
	COOL	WET	286	21.0
NAX(Y)WST18A112A*	HEAT	DRY	463	33.5
	COOL	WET	385	28.0
NAX(Y)WST24A112A*	HEAT	DRY	646	44.0
	COOL	WET	581	39.7
NAX(Y)WST30A112A* NAX(Y)WST36A112A*	HEAT	DRY	738	36.9
	COOL	WET	661	33.2
NAXWPH06B112AA NAXWPH09B112AA	HEAT	DRY	437	29.8
	COOL	WET	328	22.5
NAXWPH12B112AA	HEAT	DRY	454	31.0
	COOL	WET	364	24.8
NAXWPH15B112AA	HEAT	DRY	514	34.9
	COOL	WET	376	25.6
NAXWPH18B112AA	HEAT	DRY	514	34.9
	COOL	WET	376	25.6
NAXFKS09A112A* NAXFKS12A112A*	HEAT	DRY	417	29.6
	COOL	WET	354	25.3
NAXFKS15A112A*	HEAT	DRY	470	33.3
	COOL	WET	366	26.2
NAXFKS18A112A*	HEAT	DRY	470	33.3
	COOL	WET	417	29.7
NAXCKS09A112A*	HEAT	DRY	300	15.1
	COOL	WET	270	13.7
NAXCKS12A112A*	HEAT	DRY	336	16.9
	COOL	WET	302	15.2
NAXCKS15A112A*	HEAT	DRY	405	20.3
	COOL	WET	365	18.3
NAXCKS18A112A*	HEAT	DRY	475	23.7
	COOL	WET	429	21.4
MSZ-EF09NA(W/B/S)	HEAT	DRY	420	29.2
	COOL	WET	319	22.3
MSZ-EF12NA(W/B/S)	HEAT	DRY	448	31.1
	COOL	WET	319	22.3
MSZ-EF15NA(W/B/S)	HEAT	DRY	448	31.1
	COOL	WET	313	21.9
MSZ-EF18NA(W/B/S)	HEAT	DRY	466	32.3
	COOL	WET	334	23.4
NAXWMT09A112A* NAXWMT12A112A*	HEAT	DRY	406	29.5
	COOL	WET	286	21.0
NAXWMT15A112A*	HEAT	DRY	463	33.5
	COOL	WET	385	28.0

Model Number	Mode	Function	Airflow (CFM)	Coverage (ft)
NAXWMT18A112A*	HEAT	DRY	625	42.6
	COOL	WET	562	38.4
NAXWMT24A112A*	HEAT	DRY	702	47.7
	COOL	WET	632	43.1
NAXWMT09A111A*	HEAT	DRY	406	29.5
	COOL	WET	364	26.5
NAXWMT12A111A*	HEAT	DRY	406	29.5
	COOL	WET	364	26.5
NAXWEL09A112A*	HEAT	DRY	406	29.5
	COOL	WET	286	21.0
NAXWEL12A112A*	HEAT	DRY	406	29.5
	COOL	WET	286	21.0
NAXWEL18A112A*	HEAT	DRY	625	42.6
	COOL	WET	562	38.4
NAXWEL24A112A*	HEAT	DRY	702	47.7
	COOL	WET	632	43.1
NAXUKS09A112A*	DRY	DRY	311	20.7
	WET	WET	325	21.7
NAXUKS12A112A*	DRY	DRY	332	22.1
	COOL	WET	350	23.3
NAXUKS18A112A*	HEAT	DRY	403	26.7
	COOL	WET	417	27.6

*ir 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.

Heating Capacity

Outdoor Temperature (° F)		50	41.0	32.0		23.0	14.0	5.0	-4	-13
NAXWPH06B112AA / NAXSPH06B112AA	Heating Capacity (BTU/H)	14,445	13,703	12,962		12,149	11,037	9,924	8,700	7,721
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	100%	89%
NAXWPH06B112AA / NAXSPB06B112AA	Heating Capacity (BTU/H)	14,445	13,703	12,962		12,149	11,037	9,924	8,700	7,721
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	100%	89%
NAXWPH09B112AA / NAXSPH09B112AA	Heating Capacity (BTU/H)	18,554	17,631	16,707		15,068	13,304	11,540	9,600	8,048
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	100%	84%
NAXWPH09B112AA / NAXSPB09B112AA	Heating Capacity (BTU/H)	18,554	17,631	16,707		15,068	13,304	11,540	9,600	8,048
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	100%	84%
NAXWPH12B112AA / NAXSPH12B112AA	Heating Capacity (BTU/H)	21,714	20,524	19,333		18,143	16,464	14,482	12,301	10,556
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	100%	86%
NAXWPH12B112AA / NAXSPB12B112AA	Heating Capacity (BTU/H)	21,714	20,524	19,333		18,143	16,464	14,482	12,301	10,556
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	100%	86%
NAXWPH15B112AA / NAXSPH15B112AA	Heating Capacity (BTU/H)	24,544	23,637	22,730		21,823	19,988	18,089	16,001	14,330
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	100%	90%
NAXWPH15B112AA / NAXSPB15B112AA	Heating Capacity (BTU/H)	24,544	23,637	22,730		21,823	19,988	18,089	16,001	14,330
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	100%	90%
NAXWPH18B112AA / NAXSPH18B112AA	Heating Capacity (BTU/H)	30,619	29,587	28,556		27,524	25,129	22,211	19,001	16,433
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	100%	86%
NAXWPH18B112AA / NAXSPB18B112AA	Heating Capacity (BTU/H)	30,619	29,587	28,556		27,524	25,129	22,211	19,001	16,433
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	100%	86%
NAXWST09A112AA / NAXSST09A112AB	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%	-
NAXWST12A112AA / NAXSST12A112AB	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%	-
NAXWST15A112AA / NAXSST15A112AB	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%	-
NAXWST18A112AA / NAXSST18A112AA	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%	-

Outdoor Temperature (° F)		50	41.0	32.0		23.0	14.0	5.0	-4	-13
NAXWST24A112AA / NAXSST24A112AA	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%	-
NAXWMT09A112AA / NAXSMT09A112AB	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%	-
NAXWMT12A112AA / NAXSMT12A112AB	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%	-
NAXWMT15A112AA / NAXSMT15A112AB	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%	-
NAXWMT18A112AA / NAXSMT18A112AB	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%	-
NAXWMT24A112AA / NAXSMT24A112AA	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%	-
NAXWST30A112AA / NAXSST30A112AA	Heating Capacity (BTU/H)	32,600	28,030	25,420		22,820	19,880			
	Percentage of Rated Capacity	100%	86%	78%		70%	61%	-	-	-
NAXWST36A112AA / NAXSST36A112AA	Heating Capacity (BTU/H)	35,200	29,560	27,450		25,340	22,880			
	Percentage of Rated Capacity	100%	84%	78%		72%	65%	-	-	-
NAXWMT09A111AA / NAXSMT09A111AA	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%	-
NAXWMT12A111AA / NAXSMT12A111AA	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%	-
NAXWEL09A112AA / NAXSEL09A112AB	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%	-	-
NAXWEL12A112AA / NAXSEL12A112AB	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%	-	-
NAXWEL18A112AA / NAXSEL18A112AB	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%	-	-
NAXWEL24A112AA / NAXSEL24A112AA	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%	-	-
NAXFKS09A112AA / NAXSPF09A112AA	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%
NAXFKS12A112AA / NAXSPF12A112AA	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%

Outdoor Temperature (° F)		50	41.0	32.0		23.0	14.0	5.0	-4	-13
NAXFKS15A112AA / NAXSPF15A112AA	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%
NAXFKS18A112AA / NAXSPF18A112AA	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%
NAXUKS09A112AA / NAXSKS09A112AA	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%	-
NAXUKS12A112AA / NAXSKS12A112AA	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%	-
NAXUKS18A112AA / NAXSKS18A112AA	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%	-
NAXCKS09A112AA / NAXSKS09A112AA	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%	-
NAXCKS12A112AA / NAXSKS12A112AA	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%	-
NAXCKS15A112AA / NAXSKS15A112AA	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%	-
NAXCKS18A112AA / NAXSKS18A112AA	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%	-
NAXDKS09A112AA / NAXSKS09A112AA	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%	-
NAXDKS12A112AA / NAXSKS12A112AA	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%	-
NAXDKS15A112AA / NAXSKS15A112AA	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%	-
NAXDKS18A112AA / NAXSKS18A112AA	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%	-
PEAD-A09AA7 / NAXSKS09A112AA	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%	-
PEAD-A12AA7 / NAXSKS12A112AA	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%	-
PEAD-A15AA7 / NAXSKS15A112AA	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%	-

Outdoor Temperature (° F)		50	41.0	32.0		23.0	14.0	5.0	-4	-13
PEAD-A18AA7 / NAXSKS18A112AA	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%	-
PEAD-A24AA7 / NAXSKS24A112AA	Heating Capacity (BTU/H)	25,000	22,130	19,230		16,330	13,450			
	Percentage of Rated Capacity	100%	89%	77%		65%	54%	-	-	-
PEAD-A30AA7 / NAXSKS30A112AA	Heating Capacity (BTU/H)	30,000	26,560	23,080		19,600	16,140			
	Percentage of Rated Capacity	100%	89%	77%		65%	54%	-	-	-
PEAD-A36AA7 / NAXSKS36A112AA	Heating Capacity (BTU/H)	33,500	29,660	25,770		21,890	18,030			
	Percentage of Rated Capacity	100%	89%	77%		65%	54%	-	-	-
NAXAMT12A112AA / NAXSKS12A112AA	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%	-
NAXAMT18A112AA / NAXSKS18A112AA	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%	-
NAXAMT24A112AA / NAXSKS24A112AA	Heating Capacity (BTU/H)	25,000	22,130	19,230		16,330	13,450			
	Percentage of Rated Capacity	100%	89%	77%		65%	54%	-	-	-
NAXAMT30A112AA / NAXSKS30A112AA	Heating Capacity (BTU/H)	30,000	26,560	23,080		19,600	16,140			
	Percentage of Rated Capacity	100%	89%	77%		65%	54%	-	-	-
NAXAMT36A112AA / NAXSKS36A112AA	Heating Capacity (BTU/H)	33,500	29,660	25,770		21,890	18,030			
	Percentage of Rated Capacity	100%	89%	77%		65%	54%	-	-	-
NAXUKS09A112AA / NAXSKH09A112AA	Heating Capacity (BTU/H)	12,000	12,000	12,000		12,000	12,000	12,000	8,640	5,160
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
NAXUKS12A112AA / NAXSKH12A112AA	Heating Capacity (BTU/H)	15,000	15,000	15,000		15,000	15,000	15,000	10,800	6,450
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
NAXUKS18A112AA / NAXSKH18A112AA	Heating Capacity (BTU/H)	18,600	18,600	18,600		18,600	18,600	18,600	13,392	7,998
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
NAXCKS09A112AA / NAXSKH09A112AA	Heating Capacity (BTU/H)	11,000	11,000	11,000		11,000	11,000	11,000	7,920	4,730
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
NAXCKS12A112AA / NAXSKH12A112AA	Heating Capacity (BTU/H)	13,800	13,800	13,800		13,800	13,800	13,800	9,936	5,934
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
NAXCKS15A112AA / NAXSKH15A112AA	Heating Capacity (BTU/H)	16,400	16,400	16,400		16,400	16,400	16,400	11,808	7,052
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
NAXCKS18A112AA / NAXSKH18A112AA	Heating Capacity (BTU/H)	18,800	18,800	18,800		18,800	18,800	18,800	13,536	8,084
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%

Outdoor Temperature (° F)		50	41.0	32.0		23.0	14.0	5.0	-4	-13
NAXDKS09A112AA / NAXSKH09A112AA	Heating Capacity (BTU/H)	12,500	12,500	12,500		12,500	12,500	12,500	9,000	5,375
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
NAXDKS12A112AA / NAXSKH12A112AA	Heating Capacity (BTU/H)	15,000	15,000	15,000		15,000	15,000	15,000	10,800	6,450
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
NAXDKS15A112AA / NAXSKH15A112AA	Heating Capacity (BTU/H)	15,000	15,000	15,000		15,000	15,000	15,000	10,800	6,450
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
NAXDKS18A112AA / NAXSKH18A112AA	Heating Capacity (BTU/H)	21,600	21,600	21,600		21,600	21,600	21,600	15,552	9,288
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
PEAD-A09AA7 / NAXSKH09A112AA	Heating Capacity (BTU/H)	12,000	12,000	12,000		12,000	12,000	12,000	8,640	5,160
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
PEAD-A12AA7 / NAXSKH12A112AA	Heating Capacity (BTU/H)	15,000	15,000	15,000		15,000	15,000	15,000	10,800	6,450
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
PEAD-A15AA7 / NAXSKH15A112AA	Heating Capacity (BTU/H)	18,000	18,000	18,000		18,000	18,000	18,000	12,960	7,740
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
PEAD-A18AA7 / NAXSKH18A112AA	Heating Capacity (BTU/H)	21,600	21,600	21,600		21,600	21,600	21,600	15,552	9,288
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
PEAD-A24AA7 / NAXSKH24A112AA	Heating Capacity (BTU/H)	25,000	25,000	25,000		25,000	25,000	25,000	22,250	20,000
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	89%	80%
PEAD-A30AA7 / NAXSKH30A112AA	Heating Capacity (BTU/H)	32,000	32,000	32,000		32,000	32,000	32,000	28,480	25,600
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	89%	80%
PEAD-A36AA7 / NAXSKH36A112AA	Heating Capacity (BTU/H)	37,000	37,000	37,000		37,000	37,000	37,000	32,930	29,600
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	89%	80%
NAXAMT12A112AA / NAXSKH12A112AA	Heating Capacity (BTU/H)	15,000	15,000	15,000		15,000	15,000	15,000	10,800	6,450
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
NAXAMT18A112AA / NAXSKH18A112AA	Heating Capacity (BTU/H)	21,600	21,600	21,600		21,600	21,600	21,600	15,552	9,288
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	72%	43%
NAXAMT24A112AA / NAXSKH24A112AA	Heating Capacity (BTU/H)	23,000	23,000	23,000		23,000	23,000	23,000	20,470	18,400
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	89%	80%
NAXAMT30A112AA / NAXSKH30A112AA	Heating Capacity (BTU/H)	32,000	32,000	32,000		32,000	32,000	32,000	28,480	25,600
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	89%	80%
NAXAMT36A112AA / NAXSKH36A112AA	Heating Capacity (BTU/H)	37,000	37,000	37,000		37,000	37,000	37,000	32,930	29,600
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	89%	80%

Outdoor Temperature (° F)		50	41.0	32.0		23.0	14.0	5.0	-4	-13
NAXMMX20A122AA	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%	-	-
NAXMMX24A132AA	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%	-	-
NAXMMX30A132AA	Heating Capacity (BTU/H)	28,600	28,600	28,020		24,310	20,300	15,730	-	-
	Percentage of Rated Capacity	100%	100%	98%		85%	71%	55%	-	-
NAXMMX36A142AA	Heating Capacity (BTU/H)	36,000	36,000	33,480		29,160	24,120	18,720	-	-
	Percentage of Rated Capacity	100%	100%	93%		81%	67%	52%	-	-
NAXMMX42A152AA	Heating Capacity (BTU/H)	45,000	45,000	41,850		36,450	30,150	23,400	-	-
	Percentage of Rated Capacity	100%	100%	93%		81%	67%	52%	-	-
NAXMMX48A182BA	Heating Capacity (BTU/H)	48,000	48,000	48,000		39,840	32,160	28,800	25,440	-
	Percentage of Rated Capacity	100%	100%	100%		83%	67%	60%	53%	-
NAXMMX60A182BA	Heating Capacity (BTU/H)	60,000	60,000	60,000		51,000	40,800	36,000	31,200	-
	Percentage of Rated Capacity	100%	100%	100%		85%	68%	60%	52%	-
NAXMPH20A122AA	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%
NAXMPH24A132AA	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%
NAXMPH30A132AA	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%
NAXMPH36A142BA	Heating Capacity (BTU/H)	36,000	36,000	36,000		36,000	36,000	36,000	30,960	26,640
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	86%	74%
NAXMPH42A152BA	Heating Capacity (BTU/H)	42,000	42,000	42,000		42,000	42,000	42,000	36,120	31,080
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	86%	74%
NAXMPH48A182BA	Heating Capacity (BTU/H)	48,000	48,000	48,000		48,000	48,000	48,000	41,280	35,520
	Percentage of Rated Capacity	100%	100%	100%		100%	100%	100%	86%	74%

MX-Series Accessories

BV-Series Ball Valves

- Engineered for Mini-split and Multi-split HVAC Units
- Full Port Design
- 700 PSIG Rated
- R-410A Compatible
- Flare Connections
- Forged and machined one-piece unibody construction
- Sizes available: 1/4"; 3/8"; 1/2"; 5/8"
- Fully factory assembled
- Furnace brazed and pressure tested

Model numbers:
BV14FFSI2
BV38FFSI2
BV12FFSI2
BV58FFSI2

LISTED 891N REFRIGERANT VALVE

- Each ball valve is equipped with 4-1/4" Schrader® valve for refrigerant service
- Design working pressure: 700 PSIG
- Temperature range: -40˚ F to +325˚ F (-40˚ C to +149˚ C)
- Forged and machined brass unibody designed with forged brass seal cap
- Polytetrafluoroethylene (PTFE) seals and gaskets (no synthetic O-rings)
- Seal cap design permits valve operation without removal of seal cap
- Uses suitable for/with R-11, R-22, R-123, R-125, R-134A, R-236FA, R-4202A, R-402B, R-404A, R-407C, R-410A, R-500, R-502, and R-507
- One-year limited materials and workmanship warranty on ball valves

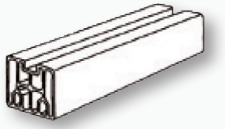
Part Number	SAE Flare	A	B	C	D	E	F
BV14FFSI2	1/4"	6.26	2.67	1.81	1.23	1.42	1.10
BV38FFSI2	3/8"	6.30	2.67	1.81	1.23	1.42	1.10
BV12FFSI2	1/2"	6.51	2.67	1.81	1.23	1.42	1.10
BV58FFSI2	5/8"	6.64	2.67	1.81	1.23	1.42	1.10

*Ball valves come with an insulation piece

Platform Stands

Lift the outdoor unit to new heights with our Diamondback Platform Stands.

- Easy to install
- Available for all sizes of Nv- and P-Series outdoor units
- Color matched to the outdoor units
- One-year warranty



Model Number: DSD-400N
L: 15-3/4" x W: 3-1/4" x H: 3-1/4"

Nv-Series Sizing

It is very important that all contractors follow proper procedure and size units based on a Manual J calculation. A load calculation takes into account all the factors that cause a building to lose heat in the winter and gain heat in the summer. Some of the factors taken into consideration are exposed walls, insulation, windows, doors, and even the direction the building faces.

Inverter technology has changed the way heat pumps are used. Because the INVERTER-driven compressor can vary the capacity of the system, we can now size units based on the largest load, which in many cases may be the heat load. When single speed compressors are sized on heat load and changed over to cooling, the units can be grossly oversized. The result is very little dehumidification and comfort problems.

Using charts like the ones below from the technical service manual, you can check the equipment capacity at the design temperatures for heating and cooling. If these values fall within both the heating and cooling capacity ranges of the system, you can select that system with confidence.

WPH/SPH09

HEATING CAPACITY

	Outdoor Temperature			Outdoor Temperature					
	50° F	41° F		32° F	23° F	14° F	5° F	-4° F	-13° F
Heating Capacity (BTU/H)	18,554	17,631		16,707	15,068	13,304	11,540	9,600	8,048
Percentage of Rated Capacity	100%	100%		100%	100%	100%	100%	100%	84%

COOLING CAPACITY

Indoor Air IWB (°F)	Outdoor intake air DB temperature (°F)								Outdoor intake air DB temperature (°F)							
		75			85				95			105			115	
	TC	SHC	TPC	TC	SHC	TPC	TC		SHC	TPC	TC	SHC	TPC	TC	SHC	TPC
71	11.0	8.7	0.5	10.3	8.1	0.55	9.7		7.6	0.59	9.0	7.1	0.62	8.3	6.5	0.64
67	10.4	9.6	0.47	9.7	8.9	0.52	9.0		8.3	0.56	8.4	7.7	0.59	7.7	7.1	0.62
63	9.8	10.3	0.45	9.1	9.6	0.50	8.5		8.9	0.53	7.7	8.1	0.57	7.0	7.4	0.59

Notes: IWB: Intake air wet-bulb temperature
TC: Total capacity SHC: Sensible heat capacity TPC: Total power consumption (kW)

kumo cloud®

kumo cloud is a cloud service used to remotely or locally control your indoor units. This is achievable by installing the Wireless Interface (PAC-USWHS002-WF-2) in each indoor unit.

The kumo cloud app can monitor, control, and schedule multiple indoor units in multiple locations across Apple, Android, and Amazon Fire devices!

Download on the App Store

available at amazon appstore

GET IT ON Google play

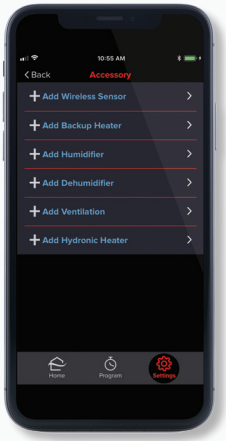
WORKS WITH alexa

works with the Google Assistant

Works with IFTTT

Specifications and Requirements

- Allows for a an indoor unit to be controlled remotely or locally with the kumo cloud® app and web service
- Available in:
  - Apple App Store iOS® 9.0 and newer
  - Google Play Android™ 4.1 and newer
  - Amazon Appstore 4.1 and newer
- Web access at kumocloud.com
- Availability to group units together
- Organize groups into sites
- Batch command units
- Program in events to schedule the units
- Available in Fahrenheit or Celsius
- Error and Filter notification
- Manual setup to add units
- Internet access is required for initial setup and scheduling
- A Wireless Interface (PAC-USWHS002-WF-2) installed by a professional contractor
- Smartphone with kumo cloud app required
- IFTTT Applet integration to control transfer fans, lighting and much more
- Integrate control of third party emergency hydronic heat in low ambient conditions



Controllers

kumo station®

Specifications

- 4 outputs to control auxiliary heat, hydronic heat, humidifier, dehumidifier, ERV or HRV*
- Controls 1 or 2 stages of supplemental heat*
- Wireless Interface required to connect to kumo cloud®
- 24 VAC power supply required. Supplied by others
- Compatible with kumo cloud 2.6 or later

TAC-WHS01HC-E

Ducted indoor unit fan interlock may be required. Check Install Manual for details.
*Requires wireless temperature and humidity sensor.

Wireless Temperature And Humidity Sensor For kumo cloud®

Specifications

- One wireless remote sensor per Wireless Interface 2
- Connects via Bluetooth Low Energy with Wireless Interface 2
- Specified open range 33 feet (10 m)
- Battery powered (1 year battery life)
- Push notifications when battery is low through kumo cloud app

PAC-USWHS003-TH-1

Wireless Interface

Specifications

- Allows for indoor units to communicate with kumo cloud app and web service
- Wireless connection over local wifi network
- Connected to indoor unit via CN105
- One Wireless Interface required per connected indoor unit
- Dimensions: 1.82" H x 0.69" W x 2.92" D
- Radio protocol: IEEE 802.11 b/g/n - 2.4 GHz only
- Internet access required for initial setup and scheduling

PAC-USWHS002-WF-2

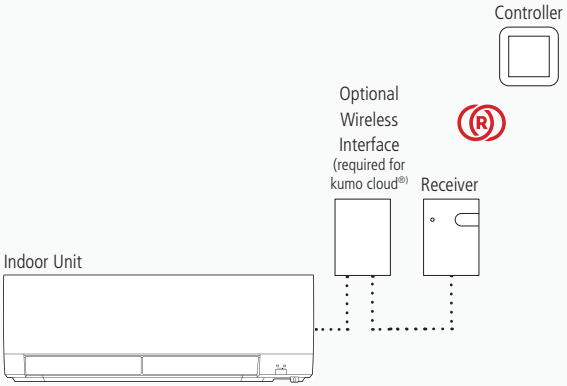
kumo touch™
MHK2 Wireless Remote Controller Kit

Exclusive for INVERTER-driven
Nv-Series and P-Series Systems

RedLINK Wireless Remote Controller and Reciever MHK2

Function	Description
ON/OFF	On/Off operation for a single indoor unit
Operation Mode	Cool/Drying/Auto/Heat/Fan only Available operation modes dependent upon connected system
Temperature Setting	Set temperature from 61° F to 86° F for Nv-Series and 67° F to 89° F for P-Series
System Changeover Deadband Value	2° F to 8° F
Schedule Operation	7, 5-2, 5-1-1, 1-1-1-1-1-1-1
Fan Speed Setting	Quiet/Low/Medium/High/Super High/Auto. Available fan speed settings dependent upon connected system
Airflow Direction Setting	Airflow angles: 100° - 80° - 60° - 40° and oscillate. Available airflow direction settings dependent upon connected system
Permit/Prohibit Function	Individual prohibit operations for each remote controller function (ON/OFF, Set Temperature, and Mode)
Space Temperature	Displays the measured space temperature
Error Indication	Displays error code
Dimensions – (W x D x H)	Remote Controller: 4-5/64" x 4-5/64" x 1-1/16" Receiver: 3-3/32" x 1-3/4" x 39/64
Operating Ambient Temperature	Remote Controller: 32° F to 120° F Receiver: -40° F to 165° F
Operating Ambient Humidity	Remote Controller: 5% to 90% RH (non-condensing) Receiver: 5% to 95% RH (non-condensing)
Power Supply	2 AA batteries (included)

kumo touch™
MHK2 Wireless Remote Controller Kit



kumo touch™ Wireless Wall-mounted Remote Controller

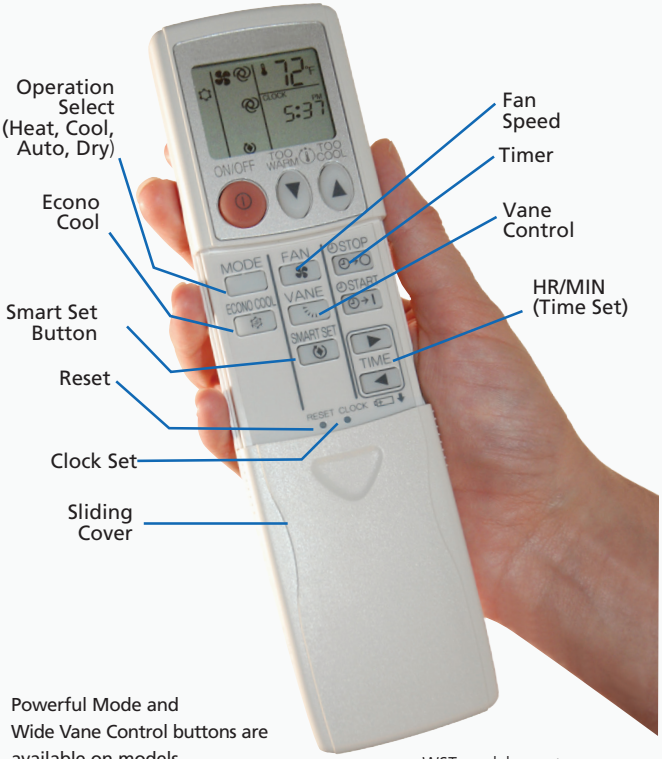
- Backlit touchscreen
- Dual set point is only available when the MIFH2 is connected to a Wireless Interface 2 (PAC-USWHS002-WF-2) and has been set up with kumo cloud
- Enabled with RedLINK® reliability
- Installs anywhere with simple wall-mounted design
- Requires wireless receiver (included in kit)

MIFH2 Wireless Receiver

- Required for MRCH2 Wireless Remote Controller
- Enabled with RedLINK reliability

Handheld | Wireless Controller

Wireless
Standard for Nv-Series wall-mounted and floor-mounted systems and optional for CKS, DKS and P-Series indoor units



Powerful Mode and Wide Vane Control buttons are available on models WST24/30/36

WST model remote shown, models vary

Wired Controllers | Touch MA Remote Controller

Specifications

PAR-CT01MAU-SB

- 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-334IF-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.

Controllers

Wired Controllers | Simple MA

Controls group operation for up to 16 indoor units in a single group

- Supports both Fahrenheit and Celsius
- User-defined functions:

TAC-YT53CRAU-J

  - On/Off
  - Operation mode:
    COOL, HEAT, FAN, DRYING, or SETBACK
  - Set temperature
  - Fan speed setting
  - Airflow direction
  - Set temperature range: 40˚ F to 95˚ F depending on operation mode and indoor unit connected

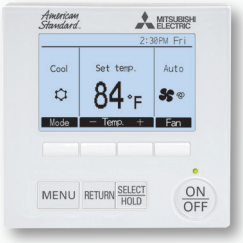
- Set temperature range limit can be reduced for cool and heat modes
- Room temperature can be sensed either at the indoor unit (default) or at the remote controller
- Diagnostics: Displays four-digit error code and error unit address
- Grouping: Same group use only with other PAC-YT53CRAU-J Simple MA Controllers, AAR-40MAAU Wired Deluxe MA Remote Controllers, and PAR-FL/A32MA Wireless MA Remote Controllers with up to two remote controllers per group
- Addressing: No addressing required
- Wiring: Connects using two-wire, stranded, non-polar control wire to indoor unit connection terminal or control adapter (MAC-334IF-E for Nv-Series) requires crossover wiring for indoor unit grouping
- Dimensions: 2-3/4" x 9/16" x 4-3/4" (70mm x 14.5mm x 120mm)

Controllers

Wired Controllers | Deluxe MA

Controls group operation for up to 16 indoor units in a single group

- Features selectable multilingual LCD (English, Spanish, and French)



AAR-40MAAU

User functions allow user to set:

- Timer Operation:
  - Weekly Timer: On/Off/Temperature setting up to 8 times per day of the week in 1-minute increments
  - Simple Timer: On and Off time can be set once within 72-hour period in 1-hour increments
  - Auto-off Timer: Turns indoor unit off based on countdown time up to 4-hours in 30-minute increments
- 3D i-see Sensor® Functions:
  - No Occupancy Auto-Off
  - Indirect/Direct mode
- Room Temperature: Displays room temperature sensed either at the indoor unit (default) or at the remote controller
- Set Temperature Range Limit: From the backlit MA Controller, the allowable set temperature range can be reduced for cool and heat modes
- Special Function Rotation/Backup (Lead/Lag for P-Series)
- Static pressure setting (model dependent)
- Fan speed setting for use with supplemental heating function (model dependent)
- Function Lock Out: Prohibits all functions or all functions except On/Off from the backlit MA controller
- Wiring: Connects using two-wire, stranded, non-polar control wire to indoor unit connection terminal or control adapter (MAC-334IF-E for Nv-Series) requires crossover wiring for indoor unit grouping
- Dimensions: 4-3/4" x 3/4" x 4-3/4" (120mm x 19mm x 120 mm)

Third Party Controls Interface

BACnet® & Modbus® Interface

Specifications

- Allows for third-party home automation/building management system to control indoor unit
- One interface required per indoor unit
- Powered from indoor unit CN105 connection
- Compatible with remote controllers
- Dimensions: 3.74" x 2" x 0.75"
- Cable length: 37"

PAC-UKPRC001-CN-1

Thermostat Interface Control Adapter

Specifications

- Allows an HVAC Thermostat or I/O Controller to control an Nv-Series or P-Series indoor unit

PAC-US444CN-1

- One Thermostat Interface required per indoor unit
- Indoor unit modes available: Cool, Heat, Fan, and Off
- Provides three input terminals to control fan speed control: High, Medium, and Low
- No addressing required

Specifications continued…

- Thermostats tested:
  - Nest®
  - Honeywell® Lyric™
  - INNCOM® by Honeywell® with High and Low fan speed control
- Dimensions: (H x W x D) 3.96" x 3.17" x 0.93"
- Terminal Block: 20–30 VAC Rated
- Required: Active CN105 on American Standard®/Mitsubishi Electric indoor unit control board
- Required: HVAC Thermostat or I/O Controller (field supplied)
- Required: 24VAC power supply for HVAC Thermostat (field supplied)

Advanced Features

- Delayed off adjustable setting
- Static pressure adjustable setting
- CN24 operation during defrost
- Fan speed during thermal off heating mode
- Two-stage heat and cool thermostat operation
- Conventional 2H/2C system operation (preferred)
- Conventional 1H/1C system operation
- Auto recovery after power failure
- Thermostat detects room temperature
- Optional accessory transformer (VPL24-210) to be used with multiposition indoor units

P-Series Indoor Units

Multiple controller options ►

Connect to cooling-only PUY, heat pump PUZ, and Hyper-heating PUZ-HA INVERTER-driven compressor outdoor units.

PKA Wall-mounted Indoor Unit

Cooling-only and Heat Pumps

(12,000 to 36,000 BTU/H)

- Provides cooling and heating in a wide range of capacities
- Auto flap shutter
- Auto fan control
- Easy-clean washable filters

PCA Ceiling-suspended Indoor Unit

Cooling-only and Heat Pumps

(24,000 to 42,000 BTU/H)

- Optional i-see Sensor™
- Knockout for ventilation air
- Auto fan speed control
- Optional, high-efficiency filter

PLA Ceiling Cassette

Cooling-only and Heat Pumps

(12,000 to 42,000 BTU/H)

- Built-in condensate lift mechanism (33" lift)
- Branch duct outlet
- Standard with 3D i-see Sensor®
- Knockout for ventilation air

PVA Multi-position Air Handling Units

Provides cooling and heating to larger zones

(12,000 to 42,000 BTU/H)

- Performance: One-inch foam R4.2, fiberglass-free insulation reduces condensation and boosts efficiency
- Quality: Durable, powder-coated cabinet
- Serviceability: Easily removable fan provides access for coil cleaning
- Flexibility: True multi-position, requiring no additional kits for downflow configuration
- Multi-position installation: horizontal (left or right), vertical (up or down). For downflow configurations, the CMA-1 is recommended for proper management of condensate to prevent water blow-off in certain conditions
- Installation: Quality construction with disassembly in mind to make fitting through tight access points simple
- Comfort: DC motor ensures quiet and efficient operation year round
- Low Impact: Fully RoHS compliant to reduce carbon footprint
- Air Quality: Positively pressurized cabinet and tested air leakage less than 1%

PEAD Horizontal-ducted Indoor Unit

Cooling-only and Heat Pumps

(9,000 to 42,000 BTU/H)

- Automatic fan speed control
- Built-in condensate lift mechanism (27-9/16" lift)
- Adjustable static pressure

PLA
Four-way Ceiling Cassette

Model Specifications

(air conditioners)
(heat pumps)

PUY/Z-A18NKA7

PLA-A18EA7

Indoor Unit Model #	PLA-A12EA7	PLA-A18EA7		PLA-A24EA7	PLA-A30EA7	PLA-A36EA7	PLA-A42EA7
Outdoor Unit Model # (Cooling Only)	PUY-A12NKA7	PUY-A18NKA7		PUY-A24NHA7	PUY-A30NHA7	PUY-A36NKA7	PUY-A42NKA7
Outdoor Unit Model # (Heat Pump)	PUZ-A12NKA7	PUZ-A18NKA7		PUZ-A24NHA7	PUZ-A30NHA7	PUZ-A36NKA7	PUZ-A42NKA7
Rated Cooling Capacity (BTU/H)	12,000	18,000		24,000	30,000	36,000	42,000
Cooling Capacity Range (BTU/H)	5,800–12,000	8,000–18,000		10,000–24,000	9,000–30,000	16,000–36,000	16,000–42,000
Rated Heating Capacity (BTU/H)	14,000	19,000		26,000	32,000	38,000	45,000
Heating Capacity Range (BTU/H)	5,500–20,000	7,900–23,000		9,000–29,000	9,000–33,000	18,000–42,000	18,000–48,000
Max. Heating Capacity at 17° F (BTU/H)	12,940	14,881		18,763	21,351	27,174	31,056
Max. Heating Capacity at 5° F (BTU/H)	N/A	N/A		16,878	19,206	24,444	27,936
SEER	27.0	24.6		24.2	22.8	21.8	21.0
HSPF	12.8	11.0		11.2	11.6	10.4	10.0
EER	16.4	14.4		14.3	11.8	12.9	11.6
Airflow at Cooling (CFM)	530-490-460-420	600-570-490-460		810-710-640-530	880-780-670-570	1,200-1,020-850-670	1,200-1,060-920-740
Airflow at Heating (CFM)	530-490-460-420	600-570-490-460		810-710-640-530	880-780-670-570	1,200-1,020-850-670	1,200-1,060-920-740
Lineset Size (Liquid x Gas)	1/4" x 1/2"			3/8" x 5/8"			
Max. Piping Length/Height (PUY)	165'/100'			225'/100'			
Max. Piping Length/Height (PUZ)	100'/100'			165'/100'			
Breaker Size	15 AMP			25 AMP		30 AMP	
Cooling Operation Range—PUY	-40° to 115° F**			-40° to 115° F**			
Cooling Operation Range—PUZ	0° to 115° F**			0° to 115° F**			
Heating Operation Range*	12° to 70° F			-4° to 70° F			
Multi-split Connection	Yes			Yes			No

*Heat pump only; **When wind baffle is installed

P-Series models 12K–30K BTU/H are pre-charged for up to a 70' lineset.
PUY/Z-A36/42NKA7 and Hyper-Heating models are pre-charged for up to a 100' lineset

Test conditions are based on AHRI 210/240.

PVA
Multi-position Air Handler

Model Specifications

(air conditioners)
(heat pumps)

PUY/Z-A18NKA7

PVA-A18AA7

Indoor Unit Model #	PVA-A12AA7	PVA-A18AA7		PVA-A24AA7	PVA-A30AA7	PVA-A36AA7	PVA-A42AA7
Outdoor Unit Model # (Cooling Only)	PUY-A12NKA7	PUY-A18NKA7		PUY-A24NHA7	PUY-A30NHA7	PUY-A36NKA7	PUY-A42NKA7
Outdoor Unit Model # (Heat Pump)	PUZ-A12NKA7	PUZ-A18NKA7		PUZ-A24NHA7	PUZ-A30NHA7	PUZ-A36NKA7	PUZ-A42NKA7
Rated Cooling Capacity (BTU/H)	12,000	18,000		24,000	30,000	36,000	42,000
Cooling Capacity Range (BTU/H)	4,800–12,000	7,000–18,000		10,000–24,000	10,000–30,000	14,600–36,000	15,000–42,000
Rated Heating Capacity (BTU/H)	14,000	19,000		26,000	32,000	38,000	46,000
Heating Capacity Range (BTU/H)	5,700–19,000	7,700–23,000		12,000–28,000	12,000–34,000	17,700–42,000	18,100–48,000
Max. Heating Capacity at 17° F (BTU/H)	12,293	14,881		18,116	21,998	27,174	31,056
Max. Heating Capacity at 5° F (BTU/H)	N/A	N/A		N/A	N/A	N/A	N/A
SEER	21.4	20.2		20.5	19.0	19.3	18.0
HSPF	10.3	10.4		9.3	10.0	9.5	9.3
EER	13.4	11.4		12.2	10.0	9.8	10.1
Airflow at Cooling (CFM)	400-340-380	735-625-515		875-744-613		1,125-956-788	1,485-1,262-1,040
Airflow at Heating (CFM)	400-340-380	735-625-515		875-744-613		1,125-956-788	1,485-1,262-1,040
Lineset Size (Liquid x Gas)	1/4" x 1/2"			3/8" x 5/8"			
ESP (in. WG)	0.80-0.50-0.30			0.80-0.50-0.30			
Max. Piping Length/Height (PUY)	165'/100'			225'/100'			
Max. Piping Length/Height (PUZ)	100'/100'			165'/100'			
Breaker Size	15 AMP			25 AMP		30 AMP	
Cooling Operation Range—PUY	-40° to 115° F**			-40° to 115° F**			
Cooling Operation Range*—PUZ	0° to 115° F**			0° to 115° F**			
Heating Operation Range*	12° to 70° F			-4° to 70° F			
Multi-split Connection	No			No			

*Heat pump only; **When wind baffle is installed

P-Series models 12K–30K BTU/H are pre-charged for up to a 70' lineset.
PUY/Z-A36/42NKA7 and Hyper-Heatingmodels are pre-charged for up to a 100' lineset

Test conditions are based on AHRI 210/240.

PEAD
Mid Static Horizontal-ducted Indoor Unit

Model Specifications

(air conditioners)
(heat pumps)


PUY/Z-A18NKA7


PEAD-A18AA7

Indoor Unit Model #	PEAD-A12AA7	PEAD-A18AA7		PEAD-A24AA7	PEAD-A30AA7	PEAD-A36AA7	PEAD-A42AA7
Outdoor Unit Model # (Cooling Only)	PUY-A12NKA7	PUY-A18NKA7		PUY-A24NHA7	PUY-A30NHA7	PUY-A36NKA7	PUY-A42NKA7
Outdoor Unit Model # (Heat Pump)	PUZ-A12NKA7	PUZ-A18NKA7		PUZ-A24NHA7	PUZ-A30NHA7	PUZ-A36NKA7	PUZ-A42NKA7
Rated Cooling Capacity (BTU/H)	12,000	18,000		24,000	30,000	36,000	42,000
Cooling Capacity Range (BTU/H)	5,000–12,000	8,000–18,000		10,000–24,000	9,000–30,000	16,000–36,000	16,000–42,000
Rated Heating Capacity (BTU/H)	14,000	19,000		26,000	32,000	38,000	45,000
Heating Capacity Range (BTU/H)	5,800–18,000	7,900–22,000		9,000–28,000	8,800–34,000	18,200–40,000	18,100–48,000
Max. Heating Capacity at 17° F (BTU/H)	11,646	14,234		18,116	21,998	25,880	31,056
Max. Heating Capacity at 5° F (BTU/H)	N/A	N/A		16,296	19,788	24,444	27,936
SEER	21.1	19.9		19.6	19.1	19.1	16.1
HSPF	10.2	10.2		10.8	10.8	9.9	10.0
EER	13.0	10.8		11.7	10.0	12.0	10.7
Airflow at Cooling (CFM)	494-424-353	600-512-424		741-635-512	883-742-618	1,201-1,024-847	1,483-1,254-1,042
Airflow at Heating (CFM)	494-424-353	600-512-424		741-635-512	883-742-618	1,201-1,024-847	1,483-1,254-1,042
ESP (IN. WG)	0.60-0.40-0.28-0.20-0.14			0.60-0.40-0.28-0.20-0.14			
Lineset Size (Liquid x Gas)	1/4" x 1/2"			3/8" x 5/8"			
Max. Piping Length/Height (PUY)	165'/100'			225'/100'			
Max. Piping Length/Height (PUZ)	100'/100'			165'/100'			
Breaker Size	15 AMP			25 AMP		30 AMP	
Cooling Operation Range—PUY	-40° to 115° F**			-40° to 115° F**			
Cooling Operation Range*—PUZ	0° to 115° F**			0° to 115° F**			
Heating Operation Range*	12° to 70° F			-4° to 70° F			
Multi-split Connection	Yes			Yes			No

*Heat pump only; **When wind baffle is installed

P-Series models 12K-30K BTU/H are pre-charged for up to a 70' lineset.
PUY/Z-A36/42NKA7 and Hyper-Heating models are pre-charged for up to a 100' lineset

Test conditions are based on AHRI 210/240.

PKA
Wall-mounted Indoor Unit

Model Specifications

(air conditioners)
(heat pumps)

PUY/Z-A18NKA7

PKA-A18HA7

Indoor Unit Model #	PKA-A12HA7	PKA-A18HA7		PKA-A24KA7	PKA-A30KA7	PKA-A36KA7
Outdoor Unit Model # (Cooling Only)	PUY-A12NKA7	PUY-A18NKA7		PUY-A24NHA7	PUY-A30NHA7	PUY-A36NKA7
Outdoor Unit Model # (Heat Pump)	PUZ-A12NKA7	PUZ-A18NKA7		PUZ-A24NHA7	PUZ-A30NHA7	PUZ-A36NKA7
Rated Cooling Capacity (BTU/H)	12,000	18,000		24,000	30,000	36,000
Cooling Capacity Range (BTU/H)	5,800–12,000	8,000–18,000		10,000–24,000	9,000–30,000	16,000–36,000
Rated Heating Capacity (BTU/H)	14,000	19,000		26,000	32,000	38,000
Heating Capacity Range (BTU/H)	5,500–18,000	7,700–22,000		9,000–28,000	8,900–34,000	18,200–40,000
Max. Heating Capacity at 17° F (BTU/H)	11,646	14,234		18,116	21,998	25,880
Max. Heating Capacity at 5° F (BTU/H)	N/A	N/A		16,296	19,788	23,280
SEER	20.8	18.5		21.4	19.8	18.8
HSPF	10.2	10.2		11.0	9.9	9.2
EER	12.0	9.9		12.2	9.5	10.8
Airflow at Cooling (CFM)	425-370-320			775-705-635		920-810-705
Airflow at Heating (CFM)	425-370-320			775-705-635		920-810-705
Lineset Size (Liquid x Gas)	1/4" x 1/2"			3/8" x 5/8"		
Max. Piping Length/Height (PUY)	165'/100'			225'/100'		
Max. Piping Length/Height (PUZ)	100'/100'			165'/100'		
Breaker Size	15 AMP			30 AMP		
Cooling Operation Range—PUY	-40° to 115° F**			-40° to 115° F**		
Cooling Operation Range*—PUZ	0° to 115° F**			0° to 115° F**		
Heating Operation Range*	12° to 70° F			-4° to 70° F		
Multi-split Connection	No			No		

*Heat pump only; **When wind baffle is installed

P-Series models 12K–30K BTU/H are pre-charged for up to a 70' lineset.
PUY/Z-A36/42NKA7 and Hyper-Heating models are pre-charged for up to a 100' lineset

Test conditions are based on AHRI 210/240.

P-Series Systems

PCA
Ceiling-suspended Indoor Unit

Model Specifications

(air conditioners)
(heat pumps)

PUY/Z-A24NHA7

PCA-A24KA7

Indoor Unit Model #	PCA-A24KA7	PCA-A30KA7		PCA-A36KA7	PCA-A42KA7
Outdoor Unit Model # (Cooling Only)	PUY-A24NHA7	PUY-A30NHA7		PUY-A36NKA7	PUY-A42NKA7
Outdoor Unit Model # (Heat Pump)	PUZ-A24NHA7	PUZ-A30NHA7		PUZ-A36NKA7	PUZ-A42NKA7
Rated Cooling Capacity (BTU/H)	24,000	30,000		36,000	42,000
Cooling Capacity Range (BTU/H)	10,000–24,000	9,000–30,000		16,000–36,000	16,000–42,000
Rated Heating Capacity (BTU/H)	26,000	32,000		38,000	45,000
Heating Capacity Range (BTU/H)	8,800–28,000	8,600–34,000		17,900–40,000	18,100–48,000
Max. Heating Capacity at 17° F (BTU/H)	18,116	21,998		25,880	31,056
Max. Heating Capacity at 5° F (BTU/H)	16,296	19,788		23,280	27,936
SEER	21.2	19.6		19.1	17.6
HSPF	10.8	10.0		10.2	10.2
EER	12.2	9.4		11.0	10.2
Airflow at Cooling (CFM)	670-600-565-530	705-635-600-565		990-920-850-775	1,025-955-885-810
Airflow at Heating (CFM)	670-600-565-530	705-635-600-565		990-920-850-775	1,025-955-885-810
Lineset Size (Liquid x Gas)	3/8" x 5/8"			3/8" x 5/8"	
Max. Piping Length/Height (PUY)	225'/100'			225'/100'	
Max. Piping Length/Height (PUZ)	165'/100'			165'/100'	
Breaker Size	25 AMP			30 AMP	
Cooling Operation Range—PUY	-40° to 115° F**			-40° to 115° F**	
Cooling Operation Range*—PUZ	0° to 115° F**			0° to 115° F**	
Heating Operation Range*	-4° to 70° F			-4° to 70° F	
Multi-split Connection	Yes	No		No	

*Heat pump only; **When wind baffle is installed

P-Series models 12K–30K BTU/H are pre-charged for up to a 70' lineset.
PUY/Z-A36/42NKA7 and H2i models are pre-charged for up to a 100' lineset

Test conditions are based on AHRI 210/240.

Model Specifications

(hyper-heating heat pumps)

PLA-A42EA7

PCA-A42KA7

PUZ-HA42NKA1

Indoor Unit Model #	PLA-A24EA7	PLA-A30EA7	PLA-A36EA7		PLA-A42EA7	PCA-A24KA7	PCA-A30KA7	PCA-A36KA7	PCA-A42KA7
Outdoor Unit Model #	PUZ-HA24NHA1	PUZ-HA30NKA	PUZ-HA36NKA		PUZ-HA42NKA1	PUZ-HA24NHA1	PUZ-HA30NKA	PUZ-HA36NKA	PUZ-HA42NKA1
Rated Cooling Capacity (BTUH)	24,000	30,000	36,000		42,000	23,000	30,000	34,000	42,000
Cooling Capacity Range (BTUH)	10,000-24,000	14,600-30,000	14,800-36,000		18,800-42,000	10,000-24,000	14,300-30,000	14,900-34,000	16,600-42,000
Rated Heating Capacity (BTUH)	26,000	32,000	38,000		48,000	26,000	32,000	38,000	48,000
Heating Capacity Range (BTUH)	10,000-28,000	14,200-34,000	16,700-40,000		17,000-54,000	10,000-28,000	14,400-35,000	17,400-40,000	24,000-54,000
Max. Heating Capacity at 17° F (BTUH)	26,000	32,000	38,000		48,000	26,000	32,000	38,000	48,000
Max. Heating Capacity at 5° F (BTUH)	26,000	32,000	38,000		48,000	26,000	32,000	38,000	48,000
Max. Heating Capacity at -13° F (BTUH)	-	-	-		-	-	-	-	-
SEER	21.5	20.2	20.0		16.3	18.5	17.9	18.0	15.5
HSPF	11.3	9.8	10.4		9.8	10.3	9.4	10.3	10.0
EER	14.03	14.1	13		10.7	12.5	12.6	12.5	10.3
Airflow at Cooling (CFM)	530-640-710-810	570-670-780-880	670-850-1020-1200		740-920-1060-1200	530-565-600-670	565-600-635-705	775-850-920-990	810-885-955-1025
Airflow at Heating (CFM)	530-640-710-810	570-670-780-880	670-850-1020-1200		740-920-1060-1200	530-565-600-670	565-600-635-705	775-850-920-990	810-885-955-1025
Lineset Size (Liquid x Gas)	-	-	-		-	-	-	-	-
Max. Piping Length/Height	3/8" x 5/8"	3/8" x 5/8"	3/8" x 5/8"		3/8" x 5/8"	3/8" x 5/8"	3/8" x 5/8"	3/8" x 5/8"	3/8" x 5/8"
Breaker Size	165'/100'	245'/100'	245'/100'		245'/100'	165'/100'	245'/100'	245'/100'	245'/100'
Cooling Operation Range	25 AMP	35 AMP	35 AMP		40 AMP	25 AMP	35 AMP	35 AMP	40 AMP
Heating Operation Range	23° to 113°F	23° to 113°F	23° to 113°F		23° to 113°F	23° to 113°F	23° to 113°F	23° to 113°F	23° to 113°F
Multi-split Connection	-13° to 70°F	-13° to 70°F	-13° to 70°F		-13° to 70°F	-13° to 70°F	-13° to 70°F	-13° to 70°F	-13° to 70°F

**When wind baffle is installed

P-Series models 12K-30K BTU/H are pre-charged for up to a 70' lineset.
PUY/Z-A36/42NKA7 and Hyper-Heating models are pre-charged for up to a 100' lineset

Test conditions are based on AHRI 210/240.

P-Series Systems

PKA/PEAD

Model Specifications

(hyper-heating heat pumps)

PKA-A24KA7

PEAD-A24AA7

PUZ-HA24NKA1

Indoor Model #	PKA-A24KA7	PKA-A30KA7	PKA-A36KA7		PEAD-A24AA7	PEAD-A30AA7	PEAD-A36AA7	PEAD-A42AA7
Outdoor Model #	**PUZ-HA24NHA1**	**PUZ-HA30NKA**	**PUZ-HA36NKA**		**PUZ-HA24NHA1**	**PUZ-HA30NKA**	**PUZ-HA36NKA**	**PUZ-HA42NKA1**
Rated Cooling Capacity (BTU/H)	24,000	30,000	33,600		24,000	30,000	36,000	42,000
Cooling Capacity Range (BTU/H)	10,000-24,000	14,600-30,000	14,700-36,000		10,000-24,000	14,600-30,000	15,600-36,000	17,100-42,000
Rated Heating Capacity (BTU/H)	26,000	32,000	38,000		25,000	32,000	38,000	48,000
Heating Capacity Range (BTU/H)	10,000-28,000	14,600-34,000	14,900-40,000		10,000-28,000	14,800-34,000	17,400-40,000	21,200-54,000
Max. Heating Capacity at 17°F (BTU/H)	26,000	32,000	38,000		25,000	32,000	38,000	48,000
Max. Heating Capacity at 5°F (BTU/H)	26,000	32,000	38,000		25,000	32,000	38,000	48,000
Max. Heating Capacity at -13°F (BTU/H)	-	-	-		-	-	-	-
SEER	19.5	18.5	18.5		16.6	18.1	17.1	15.0
HSPF	10.6	9.6	10.0		10.4	9.6	10.4	9.8
EER	12.63	12.8	12.3		11.5	12.7	12.6	10.7
Airflow at Cooling (CFM)	635-705-775	635-705-775	705-810-920		512-635-741	618-742-883	847-1024-1201	1042-1254-1483
Airflow at Heating (CFM)	635-705-775	635-705-775	705-810-920		512-635-741	618-742-883	847-1024-1201	1042-1254-1483
ESP (In. WG)	-	-	-		0.6-0.4-0.28-0.2-0.14			
Lineset Size (Liquid x Gas)	3/8" x 5/8"				3/8" x 5/8"			
Max. Piping Length/Height	165'/100'	245'/100'	245'/100'		165'/100'	245'/100'	245'/100'	245'/100'
Breaker Size	25 AMP	35 AMP	35 AMP		25 AMP	35 AMP	35 AMP	40 AMP
Cooling Operation Range	23° to 113°F				23° to 113°F			
Heating Operation Range	-13° to 70°F				-13° to 70°F			
Multi-split Connection	Yes				Yes			

P-Series Systems

PVA

Model Specifications

(hyper-heating heat pumps)

PVA-A24AA7

PUZ-HA24NKA1

Indoor Model #	PVA-A24AA7		PVA-A30AA7	PVA-A36AA7	PVA-A42AA7
Outdoor Model #	PUZ-HA24NHA1		PUZ-HA30NKA	PUZ-HA36NKA	PUZ-HA42NKA1
Rated Cooling Capacity (BTU/H)	24,000		30,000	33,000	42,000
Cooling Capacity Range (BTU/H)	10,000-24,000		14,800-30,000	15,500-36,000	17,000-42,000
Rated Heating Capacity (BTU/H)	26,000		32,000	38,000	48,000
Heating Capacity Range (BTU/H)	10,000-28,000		14,800-34,000	18,600-40,000	23,900-54,000
Max. Heating Capacity at 17°F (BTU/H)	26,000		32,000	38,000	48,000
Max. Heating Capacity at 5°F (BTU/H)	26,000		32,000	38,000	48,000
Max. Heating Capacity at -13°F (BTU/H)	-		-	-	-
SEER	19.0		18.0	18.2	15.4
HSPF	10.4		9.8	11.2	10.0
EER	11.4		13.0	13.0	10.6
Airflow at Cooling (CFM)	613-744-875		613-744-875	788-956-1125	1040-1262-1485
Airflow at Heating (CFM)	613-744-875		613-744-875	788-956-1125	1040-1262-1485
ESP (In. WG)	0.8-0.5-0.3		0.8-0.5-0.3		
Lineset Size (Liquid x Gas)	3/8" x 5/8"		3/8" x 5/8"		
Max. Piping Length/Height	165'/100'		245'/100'	245'/100'	245'/100'
Breaker Size	25 AMP		35 AMP	35 AMP	40 AMP
Cooling Operation Range	23° to 113°F		23° to 113°F		
Heating Operation Range	-13° to 70°F		-13° to 70°F		
Multi-split Connection	Yes		Yes		

Correction Factors

Cooling Capacity Correction Factor (x capacity)

Outdoor Unit	Refrigerant piping length (one way)							
	16 ft	33 ft	70 ft	100 ft	130 ft	165 ft	195 ft	225 ft
PUY-A12/18NKA7	1.00	0.985	0.948	0.916	0.886	0.859	—	—
PUY-A24/30NHA7	1.00	0.988	0.964	0.938	0.915	0.893	0.872	0.855
PUY-A36/42NKA7	1.00	0.985	0.948	0.916	0.886	0.859	0.838	0.818
PUZ-A12/18NKA7	1.00	0.985	0.948	0.916	—	—	—	—
PUZ-A24/30NHA7	1.00	0.988	0.964	0.938	0.915	0.893	—	—
PUZ-A36/42NKA7	1.00	0.985	0.948	0.916	0.886	0.859	—	—

Heating Capacity Correction Factors (x capacity)

Outdoor Unit	Refrigerant piping length (one way)					
	16 ft	33 ft	70 ft	100 ft	130 ft	165 ft
PUZ-A12/18NKA7	1.00	0.997	0.991	0.985	—	—
PUZ-A24/30NHA7	1.00	0.997	0.991	0.985	0.979	0.973
PUZ-A36/42NKA7	1.00	0.997	0.991	0.985	0.979	0.973

Hyper-Heating INVERTER® (H2i®)
Cooling Capacity Correction Factors (x capacity)

Outdoor Unit	Refrigerant piping length (one way)						Refrigerant piping length (one way)				
	16 ft	33 ft	70 ft	100 ft	130 ft		165 ft	180 ft	195 ft	230 ft	245 ft
PUZ-HA24NHA1	1.000	0.985	0.957	0.931	0.908		0.886	-	-	-	-
PUZ-HA30NKA1	1.000	0.985	0.957	0.931	0.908		0.886	0.876	0.865	0.846	0.838
PUZ-HA36NKA											
PUZ-HA42NKA1											

Heating Capacity Correction Factors (x capacity)

Outdoor Unit	Refrigerant piping length (one way)						Refrigerant piping length (one way)				
	16 ft	33 ft	70 ft	100 ft	130 ft		165 ft	180 ft	195 ft	230 ft	245 ft
PUZ-HA24NHA1	1.000	0.997	0.991	0.985	0.979		0.973	-	-	-	-
PUZ-HA30NKA1	1.000	0.997	0.991	0.985	0.979		0.973	0.970	0.967	0.961	0.958
PUZ-HA36NKA											
PUZ-HA42NKA1											

P-Series Air Coverage Range

Outlet Air Speed and Coverage Range*

Model	Airflow (CFM)	Air Speed (ft/sec)	Coverage Range (ft)
PLA-A12EA7	530	7.8	13
PLA-A18EA7	600	8.8	14
PLA-A24EA7	810	11.9	19
PLA-A30EA7	880	12.9	21
PLA-A36EA7	1,200	17.6	28
PLA-A42EA7	1,200	17.6	28
PKA-A12HA7	425	20.0	35
PKA-A18HA7	425	20.0	35
PKA-A24KA7	775	19.7	47
PKA-A30KA7	775	19.7	47
PKA-A36KA7	920	22.3	53
PCA-A24KA7	670	10.2	32
PCA-A30KA7	705	10.5	33
PCA-A36KA7	990	11.8	41
PCA-A42KA7	1,025	12.1	42

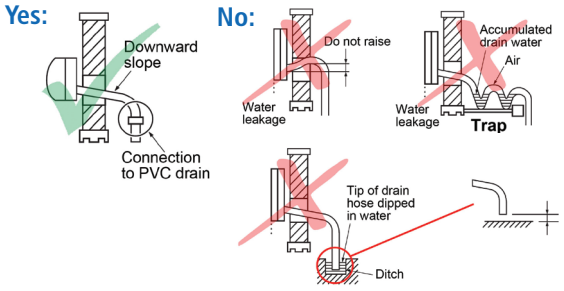
*Air coverage represents the distance with 0.8 ft/sec air speed when blowing out horizontally from the unit operating at the high fan speed. This is a general guideline; actual coverage depends on size and layout of the room.

Installation

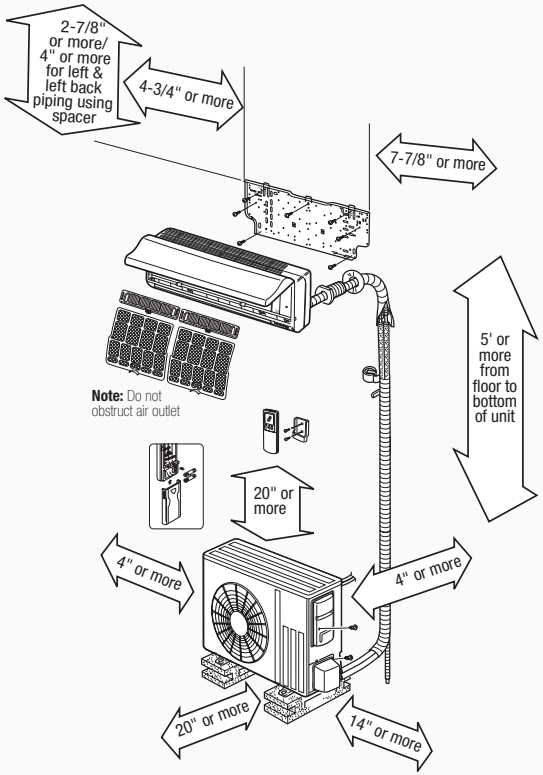
Required Tools for Installation

- Phillips screwdriver
- Pipe cutter with reamer
- Level
- Flaring tool
- Scale
- Nitrogen
- Utility knife or scissors
- Vacuum pump
- Micron gauge
- 3" (75mm) hole saw
- Charge hose for R410A
- 1/4" – 5/8" torque wrench
- Gauge manifold for R410A
- 5/32" (4mm) hexagonal wrench
- Adjustable wrenches

Condensate Drain Pipe Installation



Nv-Series Wall-Mounted System Clearances

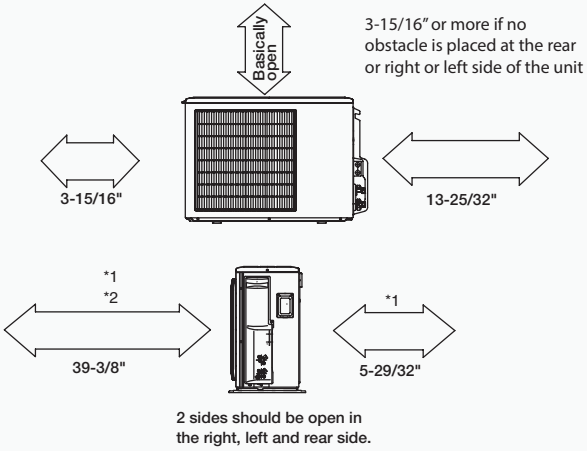


Applies to all Nv-Series models except NAXMMX48A182AA/60A182A and NAXMPH36A142A/42A152A/48A182A.

Check installation instructions for your exact model.

P-Series Outdoor System Clearances

To illustrate the minimum space required around the outdoor unit, the clearances for all P-Series models are shown below. See installation manual for the minimum clearances by model.



Minimum installation space for outdoor unit

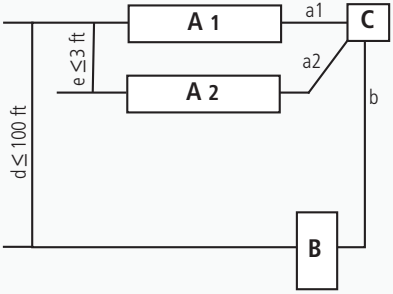
*1. In a place where short cycling can occur, cooling and heating capacity will decrease and power consumption will increase by 10 percent. Air outlet guide (PAC-SJ07SG-E for PUY/PUZ-A12/18NKA7, PAC-SG59SG-E for PUY/PUZ-A24/30NHA7, or PAC-SH96SG-E for PUZ-A36/42NKA7 and PUZ-HA42NKA) will help improve capacity.

*2. If air is discharged onto a wall, the surface may discolor.

Installing Refrigerant Piping

For "Twinning" indoor units for better airflow coverage in a large or L-shaped room (For A24/A36, and HA36 outdoor units only).

Refrigerant piping limitations of length and height difference are shown in the figure below.



Max. length, PUY/PUZ-A24NHA/36NKA systems:

$a1 + a2 + b \leq 165$ ft*

Max. length, PUZ-HA36NHA hyper-heating systems:

$a1 + a2 + b \leq 245$ ft

*With PLA-12 < 59 ft; PLA-18 < 98 ft

Key:

A = Indoor unit

B = Outdoor unit

C = Multi distribution pipe (option)

d = Height difference (Indoor unit—Outdoor unit) Max. 100 ft.

e = Height difference (Indoor unit—Indoor unit) Max. 3 ft.

How to Check for Refrigerant Restriction:

1. Verify the refrigerant charge.

- Remove the charge and weigh it back in
- Make sure the system has the refrigerant amount specified for the line length (see Service Manual)

2. Measure for temperature differences across evaporator.

- Set unit operation to cooling and change temperature set point to lowest degree available, or switch system to emergency COOL mode
- Change fan operation to high speed
- Run system for five minutes, and then measure both the entering and leaving air temperatures with a thermometer
- The temperature differential should be around 20° F to 23° F (see Service Manual)
- Remove the charge and weigh it back in
- Make sure the system has the refrigerant amount specified for the line length (see Service Manual)
- Assuming you have verified the charge, a difference of less than 20° F means the system is restricted

A difference of 23° F or more usually means low airflow, often because dirt has built up on the fan blades. Clean the fan and coil and check temperatures again.

Note: When testing the system, remember to change the fan operation to high speed and verify that the unit is charged with the proper amount of refrigerant.

Wiring: Nv-Series and P-Series

- Indoor unit power is supplied from the outdoor unit
- On Nv-Series and P-Series models, use AWG-14-3 600 VAC-rated or AWG-16-3 600 VAC-rated copper wiring between outdoor unit and indoor unit for high voltage and controls circuits. Refer to Installation Manual as wire size can vary based on model
- Two types of connection patterns, for 1:1 system and for P-Series "twin" operation ("twinning") are shown in the diagrams at right

Key:

A = Outdoor unit power supply

B = Wiring circuit breaker or isolating switch

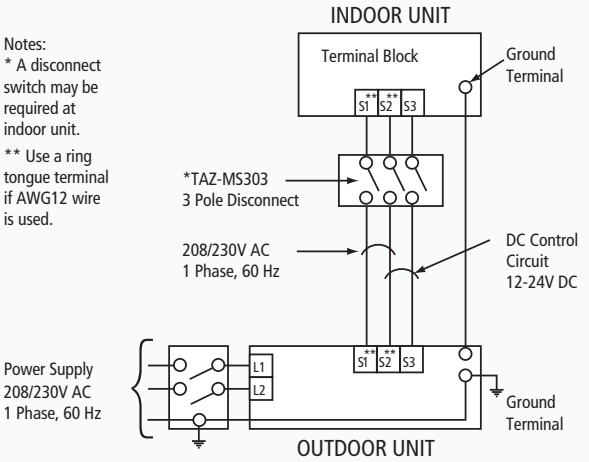
C = Outdoor unit

D = Indoor unit/Outdoor unit connecting wiring

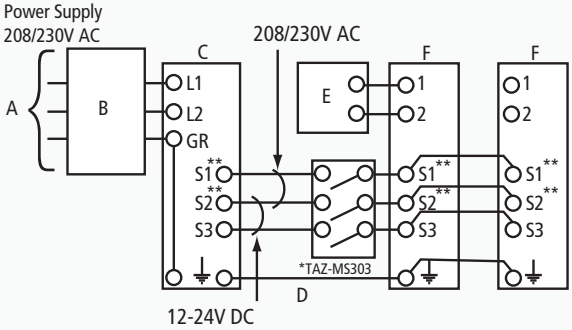
E = Remote control

F = Indoor unit

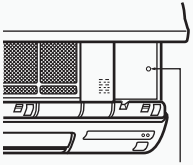
Note: All wiring shall comply with NEC and local electrical codes. See unit installation manual for details.



"Twinning" Operation



Test Run


Emergency operation switch (E.O. SW)

1. Turn power on to outdoor unit.
2. Press the emergency operation button once. The test will run for 30 minutes. If the LED light blinks every 0.5 seconds, verify the indoor/outdoor connecting wire is installed properly. After the test run, the emergency COOL mode (75° F) will operate.
3. To stop operation, press the emergency operation button several times until all LED lights turn off. See operation manual for details.

Checking the Remote (Infrared) Signal Reception

1. Press the On/Off button on the remote controller and listen for a beep from the indoor unit.
2. Press the On/Off button again to turn the air conditioner off.
3. After the compressor stops in the outdoor unit, the restart prevention device will activate. This causes the compressor to stop operation for three minutes, which protects the air conditioner.

Caution:

After finishing the test run or checking the remote (infrared) signal reception, use emergency operation button or remote controller to turn unit off before turning power supply off. If this sequence is not followed properly, the unit will start operating automatically when the power supply resumes.

Need Help When You Are On The Job site?

Check out www.americanstandard.mylinkdrive.com

Here you can find: Service Bulletins, FAQs, Guide Specs, Install Manuals, MSDS Sheets, Operation Manuals, Parts Lists, Service Manuals, Submittals, Accessories and the Nv&P Troubleshooter.

Auto Restart Function:

Our systems are equipped with an Auto Restart function. If the power shuts off while the system is operating (blackouts, etc.), the system will automatically resume operation at the previous setting after the power resumes. If the end user prefers not to use this function, a service representative can deactivate it. See Operation Manual for details.

Necessary End User Information:

After installation, show the end user how to operate the system remote controller and remote controller holder, remove the air filter, cleaning methods, operating precautions, etc. Recommend that the end user read the Operation Manual.

Continuous Fan Operation:

Explain to the end user that the indoor unit fan is designed to continuously run air across the filters. A sensor also constantly measures room temperature to maintain set point. These functions help improve air quality and reduce wear and tear on the fan motor.

Ducting Considerations

Ducting Considerations for the PEAD/NAXDKS Horizontal Ducted Indoor Unit

Considering the performance and design of these indoor units, selection and proper duct sizing and installation are necessary for satisfactory operation.

The maximum available static pressure from the NAXDKS indoor units is 0.2 in. W.G. and for the PEAD indoor units 0.6 in. W.G.

Most of the static pressure duct loss comes from allowing the ductwork to sag. Allowing even a 30% sag in the ductwork can increase the static pressure loss up to eight times. Flexible ductwork runs should be kept to less than 15 ft.

Airflow (CFM)	50	100	150	200	250
Grille Size (In. x In.)	6x6	6x6	8x6	10x6, 8x8	12x6, 10x8

Inches of Static Pressure Loss per 100 ft. of hard duct				
	4"ø	6"ø	8"ø	10"ø
50 CFM	0.15	0.02	—	—
100 CFM	0.6	0.08	0.02	—
150 CFM	—	0.2	0.04	—
200 CFM	—	0.3	0.08	0.02
250 CFM	—	0.45	0.11	0.04
500 CFM	—	—	0.4	0.15

Appropriate sizing methods should be followed, these considerations are only guidelines

Limited Warranty Information

American Standard HEATING & AIR CONDITIONING

MITSUBISHI ELECTRIC

Effective APRIL, 2015

Nv-Series Warranty:

- 12-year parts and 12-year compressor warranty is available to the original owner provided the system is:
  - Installed by a Diamond Contractor in a residential single-family owner-occupied home
  - Registered by the installing contractor through www.RegisterMEHVAC.com website within 90 days of installation
- 10-year parts and 10-year compressor warranty is available to the original owner provided the system is:
  - Installed by a licensed contractor in a residential single-family owner-occupied home
  - Registered through the www.RegisterMEHVAC.com website, within 90 days of installation
- 5-year parts and 7-year compressor warranty standard to original owner*

* NAXWMTNAXSMT09/12/15/18/24A112A* Product Warranty: Five-year parts and seven-year compressor warranty comes standard to the original owner. 10-year parts and compressor warranty is available to the original owner if the system is installed in a residential single-family home and registered within 90 days from installation.

*NAXWEL/NAXSEL Product Warranty: Five-year parts and five-year compressor warranty. There will be no extension on the warranty if a Diamond Contractort installs the product.

Limited Warranty Information

P-Series Warranty:

- 12-year parts and 12-year compressor warranty is available to the original owner provided the system is:
  - Installed by a Ductless Pro in a residential single-family owner-occupied home
  - Registered through the Extranet within 90 days of installation
- 10-year parts and 10-year compressor warranty is available to the original owner provided the system is:
  - Installed by a licensed contractor in a residential single-family or commercial application
  - Registered through the metahvac.com site within 90 days of installation
- 5-year parts and 7-year compressor warranty standard to original owner

The full text of this Limited Warranty is available on www.metahvac.com. The Limited Warranty gives the owner specific legal rights and the owner may also have other rights that vary from state to state. Some states do not allow limitations on warranties or exclusions or limitation of damages, so the specified limitations or exclusions may not apply. This Limited Warranty is valid only in the continental United States, Alaska and Hawaii and is not transferable. For more information, contact:
Customer Care: 800-433-4822
www.registermehvac.com

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Notes

Notes

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