

## TECHNICAL SPECIFICATIONS

### NS6(B,Q)D-K Series

#### High Efficiency Air Conditioner 13+ SEER System

#### 2.0 - 5 Ton Capacity

The NS6(B,Q)D-K Series now offers the choice of an air conditioner that uses more efficient and environmentally friendly refrigerant designated R-410A. The unit, when combined with our matched indoor coils, offers a full line of quality, split-system air conditioning systems. Units are ideally sized for manufactured housing applications.



#### WARRANTY

- 1 year limited parts
- 5 year compressor
- 1 year mileage
- 1 year labor

#### FEATURES and BENEFITS

- **R-410A Refrigerant:** Earth friendly non-ozone depleting refrigerant.
- **Permanently Lubricated Motor:** A heavy duty PSC motor for long lasting reliability and quiet operation. Requires no maintenance and is completely protected from rain and snow.
- **Removable Top Grille Assembly:** Allows ease of service from the top without disconnecting fan motor leads.
- **Composite Base Pan:** Absorbs sound and corrosion resistant. Composite is also stronger and lighter than steel.
- **One Piece Top/Orifice:** Designed for maximum airflow and quiet operation.
- **Easy Compressor and Control Access:** Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit.
- **Durable, Attractive Cabinet:** Designed using galvanized steel with a polyurethane finish. the 950 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.
- **High Pressure Switch:** Protects against abnormally high system pressures. Auto-reset feature prevents nuisance service calls.
- **Liquid Line Filter Drier:** Included with outdoor unit.
- **Micro-Channel Coils:** All aluminum coils, which provides high corrosion resistance.

## MODEL IDENTIFICATION CODES

EX: NS6(B,Q)D-036K A

**NS**

**6**

**Q**

**D**

**-**

**036**

**K**

**A**

S - Air Conditioner  
T - Heat Pump

Generation 1, 2, 3, etc.

Product  
Identifier

Nominal  
Capacity  
(000) BTU

Revision

Electrical Code  
K = 208/230-60-1

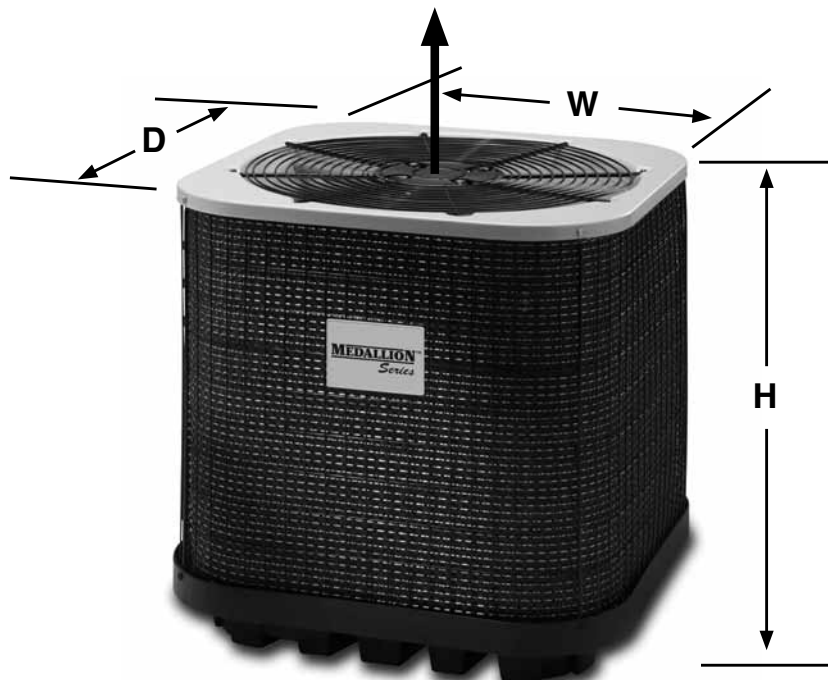
BD = Braze 13 SEER  
QD = Quick Connect 13 SEER

## DIMENSIONS

### AIR CONDITIONER OUTDOOR SECTION

NS6BD	024K	030K	036K	042K	048K	060K
H	27 1/2	27 1/2	35 1/2	27 1/2	27 1/2	31 1/2
W	22 3/4	22 3/4	22 3/4	30 3/4	30 3/4	30 3/4
D	22 3/4	22 3/4	22 3/4	30 3/4	30 3/4	30 3/4

Air Discharge  
Allow Adequate  
Clearance for Airflow



# PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

## 13 SEER — High Efficiency — Single Phase

Model Number NS6(B,Q)D-			024K	030K	036K	042K	048K	060K
Electrical Data	Volts-Cycles-Phase (1)		208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
	Total Amps		10.5	11.7	16.4	21.3	21.9	27.7
	Delay Fuse Max. (2)		20	25	35	45	45	60
	Min. Circuit Ampacity		12.9	14.5	20.1	26.3	27.1	34.3
Component Data	Coil	Area	10.0	10.0	13.3	15.3	15.3	17.9
		Rows-FPI	1-23	1-23	1-23	1-18	1-18	1-18
		Tube Dia	Micro-Channel	Micro-Channel	Micro-Channel	Micro-Channel	Micro-Channel	Micro-Channel
	Fan Motor	Type	PSC	PSC	PSC	PSC	PSC	PSC
		Amps	0.7	0.7	1.4	1.5	1.5	1.5
		HP	0.1	0.1	0.25	0.25	0.25	0.25
	Fan Blade	Dia - # Blades	18" - 3BL	18" - 3BL	18" - 4BL	24" - 2BL	24" - 2BL	24" - 2BL
		SCFM	2800	3000	3000	3500	3500	3800
	Compressor Data	RLA	9.8	11.0	15.0	19.8	20.5	26.2
		LRA	49	59	88	115	115	150
REFRIGERANT SUCTION LINE O.D. NOTE: Liquid line is 3/8" O.D. for entire length.		15-24 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"
		25-39 ft.	3/4"	3/4"	7/8" (3)	7/8"	7/8"	1-1/8" (4)
		40-75 ft.	3/4"	3/4"	7/8" (3)	7/8"	7/8"	1-1/8" (4)
Approximate Weight (LBS.)		Net	113	116	135	157	163	188
		Ship	118	121	140	163	169	194
Sound Rating db (6)			71	71	74	79	79	79

(1) Operating Voltage Range: 187v min. - 253v max.

(2) HACR Type Circuit Breakers may be used.

(3) Requires 7/8" to 3/4" reducer from line to unit.

(4) Requires 7/8" to 1-1/8" reducer from line to unit.

(5) Additional charge for line sets above 15 feet.

Values based on suction line as follows with 3/8" liquid line.

a) 3/4" = 0.6 oz. per additional foot.

b) 7/8" = 0.7 oz. per additional foot.

c) 1 1/8" = 0.8 oz. per additional foot.

(6) Tested in compliance with AHRI 270-2008 but not listed with AHRI

## ACCESSORIES - Condensing Unit

### Start Assist Kit - 912933

Provides additional starting torque for the compressor motor when operating with low line voltage or high operating temperatures.

### Fan Delay Kit (TDR)

918476 - 80-second fan delay.

### Insulated Pre-Charged Line Sets

A line set consists of a liquid line, an insulated suction line, service gaugeports, and the quick-connect coupling. 15, 20, 25, 30, 40, and 50 ft. lengths are available. Lines are factory pre-charged such that no additional refrigerant charge is required on matched systems.

### Extreme Wind Condition Mounting Kit - 920900

# SYSTEM HEATING & COOLING CAPACITIES

## 13 SEER — High Efficiency — Single Phase

M1 & M3 (+ Coleman/Vexar Gas or Electric)						
Outdoor Unit	Indoor Coil	Coil Height	Cooling Capacity	SEER	EER	SCFM
NS6(B,Q)D-024K	C5(B,D,Q)A-X25U-B	19"	24000	13.0	11.0	800
NS6(B,Q)D-030K	C5(B,D,Q)A-X30U-B	19"	29400	13.0	11.0	1030
NS6(B,Q)D-036K	C5(B,D,Q)A-X36U-B	19"	35000	13.0	11.0	1150
NS6(B,Q)D-042K	C5(B,D,Q)A-X42U-B	19"	41000	13.0	11.0	1300
NS6(B,Q)D-048K	CM4*-54U	18 1/2"	44000	13.0	10.7	1300
NS6(B,Q)D-060K	CM4*-54U	18 1/2"	50000	13.0	10.5	1600

E3						
Outdoor Unit	Indoor Coil	Coil Height	Cooling Capacity	SEER	EER	SCFM
NS6(B,Q)D-024K	C5(B,D,Q)A-X25U-B	19"	24000	13.0	11.0	800
NS6(B,Q)D-030K	C5(B,D,Q)A-X30U-B	19"	29400	13.0	11.0	1030
NS6(B,Q)D-036K	C5(B,D,Q)A-X36U-B	19"	35000	13.0	11.0	1150
NS6(B,Q)D-036K	C5(B,D,Q)A-X37U-B	25"	36000	13.0	11.0	1150
NS6(B,Q)D-042K	C5(B,D,Q)A-X42U-B	19"	41000	13.0	11.0	1300
NS6(B,Q)D-048K	CM4*-54U	18 1/2"	44000	13.0	10.7	1300
NS6(B,Q)D-048K	CM4*-56U	24 1/2"	46000	13.0	10.8	1300
NS6(B,Q)D-060K	CM4*-54U	18 1/2"	50000	13.0	10.5	1600
NS6(B,Q)D-060K	CM4*-56U	24 1/2"	53000	13.0	10.6	1600

See current AHRI Directory for certified combinations and ratings.  
[www.ahridirectory.org](http://www.ahridirectory.org)



### GENERAL TERMS OF LIMITED WARRANTY

NORDYNE will furnish a replacement for any part of this product which fails in normal use and service within the first year of installation, in accordance with the terms of the warranty.

For complete details of the Limited Warranty, including applicable terms and conditions, see your local installer or contact the NORDYNE warranty department for a copy.

**NORDYNE**  
 COMPLETE COMFORT. GENUINE VALUE.

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