

## TECHNICAL SPECIFICATIONS

### JS6(B,Q)D-K(A,B) Series

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

#### 1.5 - 5 Ton Capacity

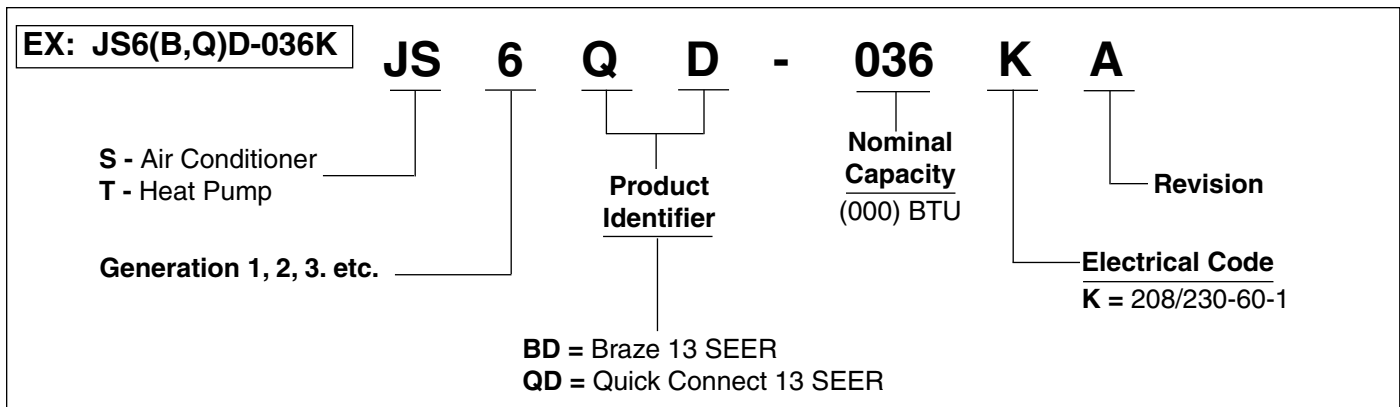
The unit, when combined with our matched indoor coils, offers a full line of quality, split-system air conditioning systems. Units are ideally sized for manufactured housing applications.



#### **FEATURES and BENEFITS**

- **Composite Base Pan:** Absorbs sound and corrosion resistant. Composite is also stronger and lighter than steel.
- **Durable, Attractive Cabinet:** Designed using galvanized steel with a polyester urethane finish. The 950 hour salt spray finish is 1.5 mil thick and resists corrosion 50% better than comparable units.
- **Removable Top Grille Assembly:** Allows ease of service from the top without disconnecting fan motor leads.
- **High Pressure Switch:** Protects against abnormally high system pressures. Auto-reset feature prevents nuisance service visits.
- **Liquid Line Filter Drier:** Included with unit.
- **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.
- **Complete Metal Wrapper:** Durable metal guard protects the coil from yard hazards and extreme weather.
- **Anteater MC® Micro-Channel:** All aluminum coils in all models which provides high corrosion resistance.

## MODEL IDENTIFICATION CODES

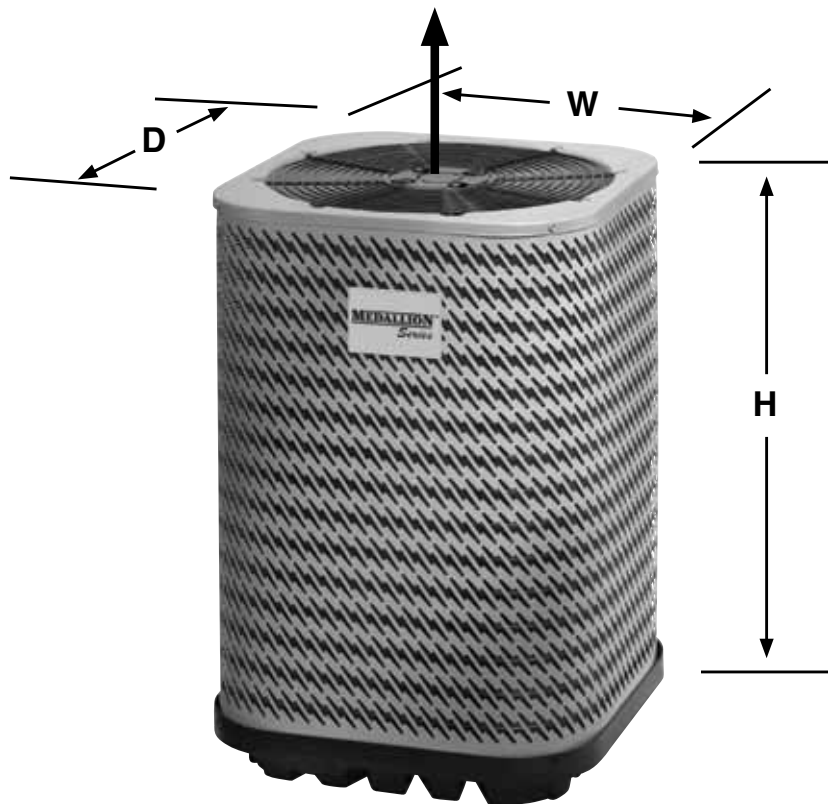


## DIMENSIONS

### AIR CONDITIONER OUTDOOR SECTION

JS6(B,Q)D	018KA	024K	030K	036K	042KA	048KA	060KA
H	27 1/2	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	22 3/4	30 3/4	30 3/4	30 3/4
D	22 3/4	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 JS6(B,Q)D-K(A)			018KA	024K	030K	036K	042KA	048KA	060KA
Electrical Data	Volts-Cycles-Phase (1)		208/230-60-1						
	Total Amps		8.2	10.3	10.8	16.4	19.4	23.2	27.8
	Delay Fuse Max. (2)		15	20	20	35	40	50	60
	Min. Circuit Ampacity		10.1	12.7	13.3	20.1	23.9	28.7	34.4
Component Data	Coil	Area	10.0	10.0	10.0	13.3	15.3	15.3	17.9
		Rows-FPI	1-23	1-23	1-23	1-23	1-18	1-18	1-18
		Tube Dia	Micro-Channel						
	Fan Motor	Type	PSC						
		Amps	0.35	0.7	0.7	1.4	1.5	1.5	1.5
		HP	0.05	0.1	0.1	0.25	0.25	0.25	0.25
	Fan Blade	Dia - # Blades	18" - 2BL	18" - 3BL	18" - 3BL	18" - 4BL	24" - 2BL	24" - 2BL	24" - 2BL
		SCFM	2600	2800	3000	3000	3500	3500	3800
	Compressor Data	RLA	7.8	9.6	10.1	15.0	17.9	21.8	26.4
		LRA	45	61	60	88	112	117	134
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"	3/4"	7/8"	7/8"	7/8"
		25-39 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	1-1/8" (3)
		40-75 ft.	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	1-1/8" (3)
REFRIGERANT CHARGE in ounces for outdoor unit & 15' Lineset.			43	52	54	59	59	60	69.6
Approximate Weight (LBS.)		Net	109	113	116	135	179	179	188
		Ship	114	118	121	140	187	187	197
Sound Rating db			72	72	72	73	78	78	78

## JS6(S,Q)D ACCESSORIES

Description	Part Number
Start Assist Kit - Provides additional starting torque for the compressor motor when operating with low line voltage or high operating temperatures.	912933
Fan Delay Kit (TDR) - 80-second fan delay.	918476
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
Outdoor Thermostat - Two-stage logic provides ability to lock out electric strips down to balance point and bring on in stages.	913852
Filter Kit, 18"	921784
Filter Kit, 24"	921785
Filter Kit, 28"	1006697
Coil Box, M1/M7	922594
Coil Box, E3/E4, Upflow	902976
Coil Box, E3/E4, Front Return	904067

# SYSTEM HEATING & COOLING CAPACITIES

## 13 SEER — High Efficiency — Single Phase

M1, M7	Coleman/Vexar/Revolv Gas or Electric					
Outdoor Unit	Indoor Coil	Coil Height	Cooling Capacity	SEER	EER	SCFM
JS6QD-024KA	C8QAM024U-B	20"	24,400	13.0	10.5	805
JS6QD-030KA	C8QAM030U-B	20"	28,600	13.0	10.5	930
JS6QD-036KA	C8QAM036U-B	20"	35,400	13.0	10.5	1245
JS6QD-042KB	CM4Q-53U	18.5"	39,000	13.0	10.2	1200
JS6QD-048KB	CM4Q-54U	18.5"	44,000	13.0	10.2	1415
JS6QD-060KA*	CM4Q-54U**	18.5"	50,000	13.0	10.2	1450
JS6BD-018KA	C8(B,D)AM01830U-B	20"	18,000	13.0	10.5	650
JS6BD-024K	C8(B,D)AM01830U-B	20"	24,400	13.0	10.5	805
JS6BD-030K	C8(B,D)AM01830U-B	20"	28,600	13.0	10.5	930
JS6BD-036K	C8(B,D)AM036U-B	20"	35,400	13.0	10.5	1245
JS4BD-042KB	CM4B-53U	18.5"	39,500	13.0	10.2	1250
JS4BD-048KB	CM4B-54U	18.5"	44,500	13.0	10.2	1450
JS4BD-060KB*	CM4B-54U**	18.5"	50,000	13.0	10.2	1450

\* 5 ton condenser is not a valid match with the M7

\*\* Requires 5 ton blower on high Speed

E3						
Outdoor Unit	Indoor Coil	Coil Height	Cooling Capacity	SEER	EER	SCFM
JS6QD-024KA	C8QAM024U-B	20"	24,400	13.0	10.5	805
JS6QD-030KA	C8QAM030U-B	20"	28,600	13.0	10.5	930
JS6QD-036KA	C8QAM036U-B	20"	35,400	13.0	10.5	1245
JS6QD-042KB	CM4Q-53U	18.5"	39,000	13.0	10.2	1200
JS6QD-048KB	CM4Q-54U	18.5"	44,000	13.0	10.2	1415
JS6QD-048KB	CM4Q-55U	24.5"	45,000	13.0	10.2	1415
JS6QD-060KA	CM4Q-56U**	24.5"	53,000	13.0	10.2	1600
JS6BD-018KA	C8(B,D)AM01830U-B	20"	18,000	13.0	10.5	650
JS6BD-024K	C8(B,D)AM01830U-B	20"	24,400	13.0	10.5	805
JS6BD-030K	C8(B,D)AM01830U-B	20"	28,600	13.0	10.5	930
JS6BD-036K	C8(B,D)AM036U-B	20"	35,400	13.0	10.5	1245
JS4BD-042KB	CM4B-53U	18.5"	39,500	13.0	10.2	1250
JS4BD-048KB	CM4B-54U	18.5"	44,500	13.0	10.2	1450
JS4BD-048KB	CM4B-56U	24.5"	46,500	13.0	10.2	1600
JS4BD-060KB	CM4B-56U**	24.5"	53,000	13.0	10.2	1600

\*\* Requires 5 ton blower on high speed

See current AHRI Directory for certified combinations and ratings.

[www.ahridirectory.org](http://www.ahridirectory.org)



### GENERAL TERMS OF LIMITED WARRANTY

Nortek Global HVAC LLC will furnish a replacement for any part of this product which fails in normal use and service within the terms and conditions of the warranty.

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

Before purchasing this appliance, read important energy cost and efficiency information available from your retailer. Specifications and illustrations subject to change without notice and without incurring obligations. Printed in U.S.A (03/2015)