

TECHNICAL SPECIFICATIONS

JS4(B,Q)E Series

1.5 - 3 Ton Capacity

JS6(B,Q)F Series

3.5 - 4 Ton Capacity

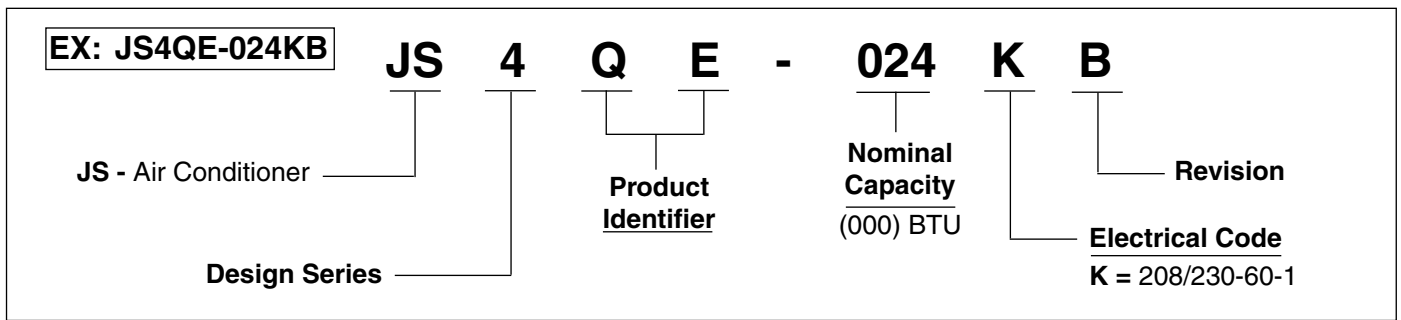
The JS4(B,Q)E and JS6(B,Q)F series of air conditioners offers exceptional performance. The unit, when combined with our engineered coils, offers a line of quality, 14 SEER split system cooling equipment.



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

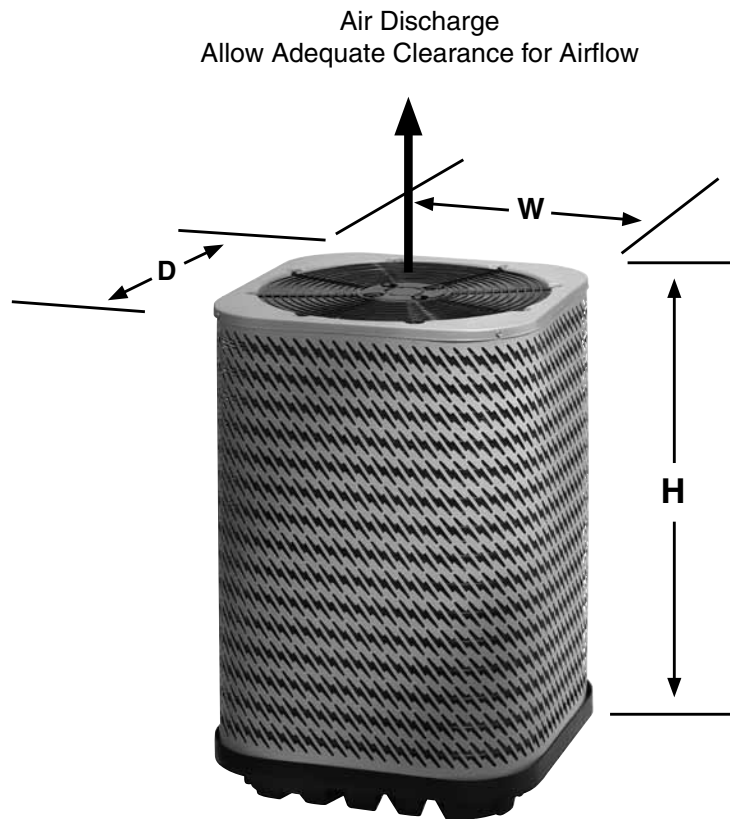


DIMENSIONS

AIR CONDITIONER OUTDOOR SECTION

| | JS4QE-024KB | JS4QE-030KB | JS4QE-036KA | JS6QF-042K | JS6QF-048K |
|---|-------------|-------------|-------------|------------|------------|
| H | 31" | 27" | 35" | 43" | 43" |
| W | 22 3/4" | 30 3/4" | 30 3/4" | 30 3/4" | 30 3/4" |
| D | 22 3/4" | 30 3/4" | 30 3/4" | 30 3/4" | 30 3/4" |

| | JS4BE-018KA | JS4BE-024KA | JS4BE-030KA | JS4BE-036KA | JS6BF-042K | JS6BF-048K |
|---|-------------|-------------|-------------|-------------|------------|------------|
| H | 27" | 31" | 31" | 35" | 43" | 43" |
| W | 22 3/4" | 22 3/4" | 30 3/4" | 30 3/4" | 30 3/4" | 30 3/4" |
| D | 22 3/4" | 22 3/4" | 30 3/4" | 30 3/4" | 30 3/4" | 30 3/4" |



PHYSICAL AND ELECTRICAL SPECIFICATIONS / OUTDOOR UNITS

14 SEER — Extra High Efficiency — Single Phase

| Model Number | | JS4QE-024KB | JS4QE-030KB | JS4QE-036KA | JS6QF-042K | JS6QF-048K | |
|--|------------------------|--------------|---------------|-------------|------------|------------|-------|
| Electrical Data | Volts-Cycles-Phase (1) | 208/230-60-1 | | | | | |
| | Total Amps | 9.0 | 10.8 | 15.1 | 19.4 | 22.4 | |
| | Delay Fuse Max. (2) | 15 | 20 | 30 | 40 | 45 | |
| | Min. Circuit Ampacity | 11.1 | 13.3 | 18.6 | 23.9 | 27.4 | |
| Component Data | Coil | Area | 11.7 | 15.2 | 20.3 | 25.3 | 25.3 |
| | | Rows-FPI | 1-23 | 1-18 | 1-18 | 1-23 | 1-23 |
| | | Tube Dia | Micro-Channel | | | | |
| | Fan Motor | Type | PSC | | | | BLDC |
| | | Amps | 0.7 | 0.9 | 1.0 | 1.5 | 2.6 |
| | | HP | 0.10 | 0.13 | 0.20 | 0.25 | 0.33 |
| | Compressor Data | RLA | 8.3 | 9.9 | 14.1 | 17.9 | 19.8 |
| | | LRA | 50.0 | 69.0 | 77.0 | 112.0 | 109.0 |
| Refrigerant suction line O.D. NOTE: Liquid line is 3/8" O.D. for entire length. | | 0-24 ft. | 3/4" | 3/4" | 3/4" | 7/8" | 7/8" |
| | | 25-39 ft. | 3/4" | 3/4" | 7/8" (3) | 7/8" | 7/8" |
| | | 40-75 ft. | 3/4" | 3/4" | 7/8" (3) | 7/8" | 7/8" |
| Refrigerant Charge: R-410A in ounces for outdoor unit, indoor unit, & 15' Lineset | | 64.0 | 67.0 | 58.0 | 91.0 | 94.0 | |
| Approximate Weight (lbs.) | | Net | 121 | 137 | 131 | 208 | 218 |
| | | Ship | 128 | 145 | 140 | 217 | 227 |
| Sound Rating dB | | 72 | 73 | 79 | 79 | 75 | |

| Model Number | | JS4BE-018KA | JS4BE-024KA | JS4BE-030KA | JS4BE-036KA | JS6BF-042K | JS6BF-048K | |
|---|------------------------|--------------|---------------|-------------|-------------|------------|------------|-------|
| Electrical Data | Volts-Cycles-Phase (1) | 208/230-60-1 | | | | | | |
| | Total Amps | 9.9 | 14.4 | 15.0 | 15.1 | 19.4 | 22.4 | |
| | Delay Fuse Max. (2) | 20 | 30 | 30 | 30 | 40 | 45 | |
| | Min. Circuit Ampacity | 12.1 | 17.7 | 18.5 | 18.6 | 23.9 | 27.4 | |
| Component Data | Coil | Area | 10 | 11.7 | 15.2 | 20.3 | 25.3 | 25.3 |
| | | Rows-FPI | 1-23 | 1-23 | 1-18 | 1-18 | 1-23 | 1-23 |
| | | Tube Dia | Micro-Channel | | | | | |
| | Fan Motor | Type | PSC | | | | | BLDC |
| | | Amps | 0.9 | 0.9 | 0.9 | 1.0 | 1.5 | 2.6 |
| | | HP | 0.13 | 0.13 | 0.13 | 0.20 | 0.25 | 0.33 |
| | Compressor Data | RLA | 9.0 | 13.4 | 14.1 | 14.1 | 17.9 | 19.8 |
| | | LRA | 48.0 | 58.3 | 73.0 | 77.0 | 112.0 | 109.0 |
| Refrigerant suction line O.D. NOTE: Liquid line is 3/8" O.D. for entire length. | | 0-24 ft. | 3/4" | 3/4" | 3/4" | 3/4" | 7/8" | 7/8" |
| | | 25-39 ft. | 3/4" | 3/4" | 3/4" | 7/8" (3) | 7/8" | 7/8" |
| | | 40-75 ft. | 3/4" | 3/4" | 3/4" | 7/8" (3) | 7/8" | 7/8" |
| Refrigerant Charge: R-410A in ounces for outdoor unit, indoor unit, & 15' Lineset R-410A in ounces for outdoor unit & 15' lineset | | 39.0 | 45.0 | 51.0 | 58.0 | 91.0 | 94.0 | |
| Approximate Weight (lbs.) | | Net | 107 | 127 | 132 | 131 | 208 | 218 |
| | | Ship | 113 | 134 | 140 | 140 | 217 | 227 |
| Sound Rating dB | | 74 | 74 | 75 | 79 | 79 | 75 | |

(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.

NOTE: Dashed lines signify preliminary data

JS4(B,Q)E AND JS6(B,Q)F 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 COOLING CAPACITIES

14 SEER — Extra High Efficiency — Single Phase

| With M1 & M7 (+ Coleman/Vexar Gas or Electric) | | | | | | |
|--|-------------|-------------|------------------|------|------|-------|
| Outdoor Unit | Indoor Unit | Coil Height | Cooling Capacity | SEER | EER | SCFM |
| JS4QE-024KB | C8QAMX24U-B | 18" | 23400 | 14 | 12.2 | 780 |
| JS4QE-030KB | C8QAMX30U-B | 18" | 29000 | 14 | 12.2 | 1000 |
| JS4QE-036KA | C8QAMX36U-B | 18" | 34,000 | 14 | 12.2 | 1,200 |
| JS6QF-042K | C8QAMX42U-B | 24" * | 40,000 | 14 | 12.2 | 1,250 |
| JS6QF-048K | C8QAMX48U-B | 24" * | 44,000 | 14 | 12.2 | 1,440 |

| | | | | | | |
|-------------|-----------------|-------|--------|----|------|-------|
| JS4BE-018KA | C8(B,D)AMX24U-B | 18" | 18000 | 14 | 12.2 | 675 |
| JS4BE-024KA | C8(B,D)AMX24U-B | 18" | 24000 | 14 | 12.2 | 845 |
| JS4BE-030KA | C8(B,D)AMX30U-B | 18" | 29000 | 14 | 12.0 | 945 |
| JS4BE-036KA | C8(B,D)AMX36U-B | 18" | 34,000 | 14 | 12.2 | 1,200 |
| JS6BF-042K | C8(B,D)AMX42U-B | 24" * | 40,000 | 14 | 12.2 | 1,250 |
| JS6BF-048K | C8(B,D)AMX48U-B | 24" * | 44,000 | 14 | 12.2 | 1,440 |

* Requires 922594 M1/M7 24" Coil Box

| With E3/E4 Furnace | | | | | | |
|--------------------|-------------|-------------|------------------|------|------|-------|
| Outdoor Unit | Indoor Unit | Coil Height | Cooling Capacity | SEER | EER | SCFM |
| JS4QE-024KB | C8QAMX24U-B | 18" | 23400 | 14 | 12.2 | 780 |
| JS4QE-030KB | C8QAMX30U-B | 18" | 29000 | 14 | 12.2 | 1000 |
| JS4QE-036KA | C8QAMX36U-B | 18" | 34,000 | 14 | 12.2 | 1,200 |
| JS6QF-042K | C8QAMX42U-B | 24" | 40,000 | 14 | 12.2 | 1,250 |
| JS6QF-048K | C8QAMX48U-B | 24" | 44,000 | 14 | 12.2 | 1,440 |

| | | | | | | |
|-------------|-----------------|-----|--------|----|------|-------|
| JS4BE-018KA | C8(B,D)AMX24U-B | 18" | 18000 | 14 | 12.2 | 675 |
| JS4BE-024KA | C8(B,D)AMX24U-B | 18" | 24000 | 14 | 12.2 | 845 |
| JS4BE-030KA | C8(B,D)AMX30U-B | 18" | 29000 | 14 | 12.0 | 945 |
| JS4BE-036KA | C8(B,D)AMX36U-B | 18" | 34,000 | 14 | 12.2 | 1,200 |
| JS6BF-042K | C8(B,D)AMX42U-B | 24" | 40,000 | 14 | 12.2 | 1,250 |
| JS6BF-048K | C8(B,D)AMX48U-B | 24" | 44,000 | 14 | 12.2 | 1,440 |

See current AHRI Directory for certified combinations and ratings.

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)