

Project Name: **J&J - Noramco Capacity Expansion**

Unit Model #: **JA3ZJE06V4HZZ5**

Quantity: **1** Tag #: **AHU-173-001E**

System: **JA3ZJE06V4HZZ5**

Cooling Performance

Total capacity	28.6 MBH
Sensible capacity	19.4 MBH
Refrigerant type	R-410A
Seasonal Efficiency (at ARI)	15.00 SEER
Efficiency (at ARI)	12.20 EER
Ambient DB temp.	105.0 °F
Entering DB temp.	76.3 °F
Entering WB temp.	65.0 °F
Leaving DB temp.	56.3 °F
Leaving WB temp.	54.5 °F
Power input (w/o blower)	2.64 kW
Sound power	77 dB(A)

Heating Performance

Entering DB temp.	63.3 °F
Heating output capacity (Max)	20.5 MBH
Nominal electric heat	6 kW
Applied electric heat	6.0 kW
Installed	Factory
Supply air	900 CFM
Leaving DB temp.	84.4 °F
Air temp. rise	21.1 °F
Stages	1

Supply Air Blower Performance

Supply air	900 CFM
Ext. static pressure	1.0 IWG
Unit static resistance	-0.08 IWG
Blower speed	843 RPM
Max BHP of Motor (including service factor)	1.73 HP
Duct location	Bottom
Motor rating	1.50 HP
Actual required BHP	0.58 HP
Power input	0.54 kW
Elevation	0 ft.
Drive type	BELT

Electrical Data

Power supply	460-3-60
Unit min circuit ampacity	12.8 Amps
Unit max over-current protection	15 Amps

Dimensions & Weight

Hgt	42 in.	Len	89 in.	Wth	59 in.
Weight with factory installed options		765 lbs.			

Clearances

Right	12 in.	Front	36 in.	Back	36 in.
Top	72 in.	Bottom	0 in.	Left	36 in.

Note: Please refer to the tech guide for listed maximum static pressures



3 Ton

- JCI Series 10 units are manufactured at an ISO 9001 registered facility and each rooftop is completely computer-run tested prior to shipment.

Unit Features

- Unit Cabinet Constructed of Powder Painted Steel, Certified At 1000 Hours Salt Spray Test (ASTM B-117 Standards)
- Through-the-Curb and Through-the-Base Utility Connections
- Full perimeter base rails with built in rigging capabilities
- Hinged Access Panels
- Slide-Out Stainless Steel Drain Pan
- Reciprocating Compressor
- Single Stage Cooling
- Solid Core Liquid Line Filter Driers
- Microchannel Condenser Coil
- 6 kW Single Stage Factory Installed Electric Heat
- Slide-Out Blower/1.5 HP Belt Drive Motor Assembly
- Unit Ships with 4" Pleated Filters (MERV 13)
- Dirty Filter Switch
- Single Point Power Connection
- HACR Circuit Breaker/Disconnect
- Phase Monitor
- Return Air Smoke Detector
- Single Enthalpy Low Leak Slab Economizer w/Barometric Relief and Hoods (Bottom Return Only)
- Short Circuit Current: 5kA RMS Symmetrical

Standard Unit Controller: Simplicity Control Board

- Safety Monitoring - Monitors the high and low-pressure switches, the freezestats, the gas valve, if applicable, and the temperature limit switch on gas and electric heat units. The unit control board will alarm on ignition failures, safety lockouts and repeated limit switch trips.

Warranty

- One (1) Year Limited Warranty on the Complete Unit
- Five (5) Year Warranty - Compressors and Electric Heater Elements



Series 10 (3-5 Ton)
Single Package R-410A Air Conditioner

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Factory Installed Options

JA3ZJE06V4HZZ5

Nominal Cooling Capacity:	JA3	3 Ton Single Stage Cooling
Product Category:	Z	Johnson Controls Series 10 Single Packaged R-410A Air Conditioner
Product Identifier:	J	15.0 SEER / 12.2 EER
Heat Type and Nominal Heat Capacity:	E06	6 kW Single Stage Factory Installed Electric Heat
Airflow:	V	1.5 HP High Static Belt Drive Blower Single Enthalpy Low Leak Slab Economizer w/Barometric Relief and Hoods (Bottom Return Only)
Voltage:	4	460-3-60
Installation Options:	H	HACR Circuit Breaker/Disconnect Return Air Smoke Detector (Bottom return only)
Additional Options:	ZZ	4" Pleated Filters (MERV 13) Microchannel Condenser Coil Phase Monitor Dirty Filter Switch Stainless Steel Drain Pan
Product Generation:	5	

Field Installed Accessories

- 2EC04700924 - Dual Enthalpy Control (For Use with Honeywell 7212 Model Actuators Only) (1.0 lbs)
- 2EP07700424 - JCI Branded, 2 Heat / 2 Cool, Electronic 7 Day Programmable, T600MSP-3 (2.0 lbs)
- 2LA04704632 - Low Ambient Kit (6.0 lbs)

Date

06/30/2014

Project Name

J&J - Noramco Capacity Expansion

Project Number**Client / Purchaser**

Submittal Summary Page

Qty	Tag #	Model #	Description
1	AHU-173-001E	JA3ZJE06V4HZZ5	3 Ton, Johnson Controls Series 10 Single Packaged R-410A Air Conditioner, 15.0 SEER / 12.2 EER, Single Stage Cooling, 6 kW Single Stage Factory Installed Electric Heat, 1.5 HP High Static Belt Drive Blower, 460-3-60, Microchannel Condenser Coil <ul style="list-style-type: none"> • Single Enthalpy Low Leak Slab Economizer w/Barometric Relief and Hoods (Bottom Return Only) • HACR Circuit Breaker/Disconnect • Return Air Smoke Detector (Bottom return only) • 4" Pleated Filters (MERV 13) • Phase Monitor • Dirty Filter Switch • Stainless Steel Drain Pan
1		2EC04700924	Dual Enthalpy Control (For Use with Honeywell 7212 Model Actuators Only)
1		2EP07700424	JCI Branded, 2 Heat / 2 Cool, Electronic 7 Day Programmable, T600MSP-3

Qty	Tag #	Model #	Description
1		2LA04704632	Low Ambient Kit

Equipment start-up and commissioning by a factory trained technician is recommended.
Contact your supplying distributor or sales representative for additional information & guidance.