

# Performance Summary For 7.5 TON COOL ONLY

Project: -Untitled1  
Prepared By:

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01:01PM

**System:** ..... **38AUZ008/40RUA008**  
**System Quantity:** ..... **2**  
**Altitude:** ..... **0.0** ft  
**EER @ ARI Conditions:** ..... **11.2**  
**IEER:** ..... **11.8**  
**Suction Line Loss:** ..... **1.4** °F  
 System meets the Energy Star EER rating.

**Liquid and Suction Line Sizing**

Pipe Length	Liquid Line Size	Suction Line Size
0 - 25	1/2	7/8
26 - 50	5/8	1 1/8
51 - 75	5/8	1 1/8
76 - 100	5/8	1 1/8
101 - 125	5/8	1 3/8
126 - 150	5/8	1 3/8
151 - 175	5/8	1 3/8
176 - 200	5/8	1 3/8

Piping Line Sizes are Referenced in Application Bulletin 38TIP-15-01.pdf

**Outdoor Unit Parameters**

Unit Quantity: ..... **1**  
 PartNumber: ..... **38AUZA08A0A5-0A0A0**  
 Unit Model: ..... **38AUZ**  
 Unit Size: ..... **7.5 Tons**  
 Condenser Coil: ..... **Al/Cu**  
 No. of DX Circuits: ..... **1**  
 Voltage: ..... **208-3-60** V-Ph-Hz  
 Clg Ent Air DB: ..... **95.0** °F

**Outdoor Electrical Data**

Unit Voltage: ..... **208-3-60** V-Ph-Hz  
 Unit#1 MCA: ..... **35.0** Amps  
 Unit#1 MOCP: ..... **50.0** Amps  
 Total Compressor Power of Unit #1: ..... **NA**  
 Voltage Range Min: ..... **187** V  
 Voltage Range Max: ..... **253** V  
 Compressor RLA: ..... **25**  
 Compressor LRA: ..... **164**  
 Compressor Quantity: ..... **1**  
 Fan Motors Qty: ..... **2**  
 Notice: Outdoor unit elect. data is based on 208-3-60  
 Control Panel SCCR: 5kA RMS at Rated Symmetrical Voltage

**Indoor Unit Parameters**

PartNumber: ..... **40RUAA08A2A6-0A0A0**  
 Unit Model: ..... **40RUA**  
 Unit Size: ..... **7.5 Tons**  
 Coil Rows: ..... **4**  
 No. of Splits: ..... **1**  
 Voltage: ..... **208-3-60** V-Ph-Hz  
 Actual Airflow: ..... **3000.0** CFM  
 Standard Airflow: ..... **3000.0** CFM  
 Total Clg Cap.(Gross): ..... **95.3** MBH  
 Sensible Clg Cap.(Gross): ..... **73.0** MBH  
 Ent Air DB: ..... **80.0** °F  
 Ent Air WB: ..... **67.0** °F  
 Ent Enthalpy: ..... **31.44** BTU/lb  
 Lvg Air DB: ..... **57.5** °F