

Performance Summary For 7.5 TON COOL ONLY

Project: ~Untitled1
Prepared By:

08/03/2016
01:01PM

Lvg Air WB:..... 57.0 °F
Lvg Enthalpy:..... 24.38 BTU/lb
Coil Bypass Factor:..... NA

Indoor Supply Fan

Indoor Unit External Static:..... 0.60 in wg
Economizer Loss:..... 0.00 in wg
Grille Loss:..... 0.00 in wg
Plenum Loss:..... 0.00 in wg
Acc. Heating Loss:..... 0.00 in wg
Total Ext Static:..... 0.60 in wg
Fan Speed:..... 759 RPM
Fan Power:..... 1.12 BHP
Fan Motor Max:..... 2.40 BHP
Fan Motor FLA:..... 5.2 Amps
Motor and Medium Static Drive Required.
Selected Medium Static Drive Range: 733 - 949

Indoor Electrical Data

Unit Voltage:..... 208-3-60 V-Ph-Hz
Unit MCA:..... 7.0 Amps
Unit MOCP:..... 15.0 Amps
Notice: Indoor unit elect. data is based on 208-3-60

Indoor Electrical Data on Units produced on or prior to 05/31/2015

Fan Motor FLA:..... 6.9 Amps
Unit MCA:..... 9.0 Amps
Unit MOCP:..... 15.0 Amps

Indoor Electrical Data on Units produced on or after 06/01/2015

Fan Motor FLA:..... 5.2 Amps
Unit MCA:..... 7.0 Amps
Unit MOCP:..... 15.0 Amps

Acoustics

Sound Power Levels, db re 10E-12 Watts

	Outdoor Unit (dB)	Indoor Unit (dB,Ducted)
A-Weighted Total Level	84.6	88.4
63Hz	89.3	95.3
125Hz	85.0	91.3
250Hz	82.0	87.3
500Hz	82.7	86.3
1000Hz	80.2	82.3
2000Hz	75.2	80.3
4000Hz	71.0	76.3
8000Hz	66.0	NA
Sound Message	Sound for AUZ008	Sound for RUA008

Acoustic Notes:

- 38AUZ07-12 units are in accordance with ARI 270-2008 Sound Rating of Unitary Equipment.
- The sound data for all 38AUZ14 units are based on upona limited amount of actual testing with the estimated sound power data being generated from this data in accordance with ARI 370-2001 for Large Outdoor Refrigerating and Air-Conditioning Equipment.
- The indoor duct sound power data is estimated based on the ASHRAE calculation approach from the ASHRAE handbook 1987 HVAC Systems and Applications, Chapter 52.
- The acoustic center of the unit is located at the geometric center of the unit.
- All estimated sound power levels, dB re 1 Pico watt should not be guaranteed or certified as being the actual sound power levels.