



RHEEM

Rheem RA1630AJ1NA - Classic 2 1/2 Ton 16 SEER Condenser, 208-230 Volt, 1 Phase, 60 Hz

Item: RA1630AJ1NA MFG: RA1630AJ1NA

51 POMPANO BEACH #109
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Quantity

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Description

Rheem Classic® RA16 Series Air Conditioners


Features:


- New composite base pan - dampens sound, captures louver panels, eliminates corrosion and reduces number of fasteners needed
- Powder coat paint system - for a long lasting professional finish
- Scroll compressor - uses 70% fewer moving parts for higher efficiency and increased reliability
- Modern cabinet aesthetics - increased curb appeal with visually appealing design
- Curved louver panels - provide ultimate coil protection, enhance cabinet strength, and increased cabinet rigidity
- Optimized fan orifice - optimizes airflow and reduces unit sound
- Rust resistant screws - confirmed through 1500-hour salt spray testing
- PlusOne™ Expanded Valve Space - 3"-4"-5" service valve space - provides a minimum working area of 27-square inches for easier access
- PlusOne™ Triple Service Access - 15" wide, industry leading corner service access - makes repairs easier and faster. The two fastener removable corner allows optimal access to internal unit components. Individual louver panels come out once fastener is removed, for faster coil cleaning and easier cabinet reassembly
- Diagnostic service window with two-fastener opening - provides access to the high and low pressure.
- External gauge port access - allows easy connection of "low-loss" gauge ports
- Single-row condenser coil - makes unit lighter and allows thorough coil cleaning to maintain "out of the box" performance
- 35% fewer cabinet fasteners and fastener-free base - allow for faster access to internal components and hassle-free panel removal
- Service trays - hold fasteners or caps during service calls
- QR code - provides technical information on demand for faster service calls
- Fan motor harness with extra long wires allows unit top to be removed without disconnecting fan wire


General Terms Of Limited Warranty


- Conditional Parts (Registration Required): Ten (10) Years
- Rheem will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty

Documents

 [consumer literature](#)

 [consumer literature](#)


 [installation instructions](#)

 [parts list](#)

 [specification sheet](#)

 [use & care instructions](#)

 [warranty document](#)

 [wiring diagrams](#)

Features and Specification

ERP ID	349831
Weight	188.000000
Suction Line Fitting	Sweat or Braze
Number of Fan Blades	1
Phase	Single
Length	35.750000
Full Load Amps	1.4
Height	27.000000
Inverter	No
Package Length	38.380000
Liquid Line Fitting	Sweat or Braze
Liquid Line Size (OD)	3/8"
Locked Rotor Amps	67.3
Package Height	27.000000
Rated Load Amps	12.8
Package Weight	188.000000
Stage	Single
Warranty Offered	Yes
Voltage	208-230 VAC
UPC	662021375576
Sound Level (dBA)	74.3
UOM	EA
Stages Cool	1
UL Listed	Yes
Tonnage	2.5
Suction Line Size (OD)	3/4"
Package Width	38.380000
Product Family	RA16
Width	35.750000
Refrigerant	R-410a
SEER	16
Condenser Motor HP	1/5 HP
Circuit Breaker - Min Amps	18

Circuit Breaker - Max Amps	30
CFM	3915
Certifications	AHRI Certified, RvA Accredited, ABS Quality Evaluation Inc. Management System Certified, ANAB Certified, CSA Certified
Compressor	Scroll
Brand	Rheem
Fins per Inch	22
Equipment Type	Straight Cool
Cycle/Hertz	60 Hz
Cooling Capacity	28400
Cubic Measurement	19.969700
Energy Star Rated	Yes
Dimensional Weight	281.000000
EAN	0662021375576
EER	12.2

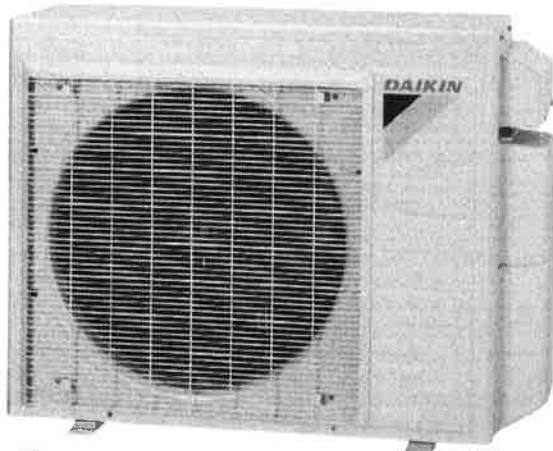
Parts List

AHRI List

Job Name:	
Tag#	



Submittal Data Sheet	4MXS36NMVJU
4 Port, 3-Ton Outdoor Heat Pump	



Efficiency			
	SEER	EER	HSPF
Non-Ducted	17.7	9.2	12.2
Ducted	14	7.9	8.2
Mixed	15.85	8.55	10.2

Performance	
Cooling (Btu/hr)	
Rated	36,000
Operating Range	14°F – 115°F
Rated Cooling Conditions: Indoor: 80°F DB/67°F WB Outdoor: 95°F DB/75°F WB	
Heating (Btu/hr)	
Rated	36,000
Operating Range	5°F – 60°F
Rated Heating Conditions: Indoor: 70°F DB/60°F WB Outdoor: 47°F DB/43°F WB	

Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec. *If product is installed in a commercial application, limited warranty period is 5 years.*

Electrical		
	208/60/1	230/60/1
System MCA	19.75	19.75
System MFA	20	20
Compressor RLA	17.5	17.5
Outdoor fan motor FLA	.50	.50
Outdoor fan motor W	75	75

MFA: Max. fuse amps MCA: Min. circuit amps (A) FLA: Full load amps (A)
RLA: Rated load amps (A) W: Fan motor rated output (W)

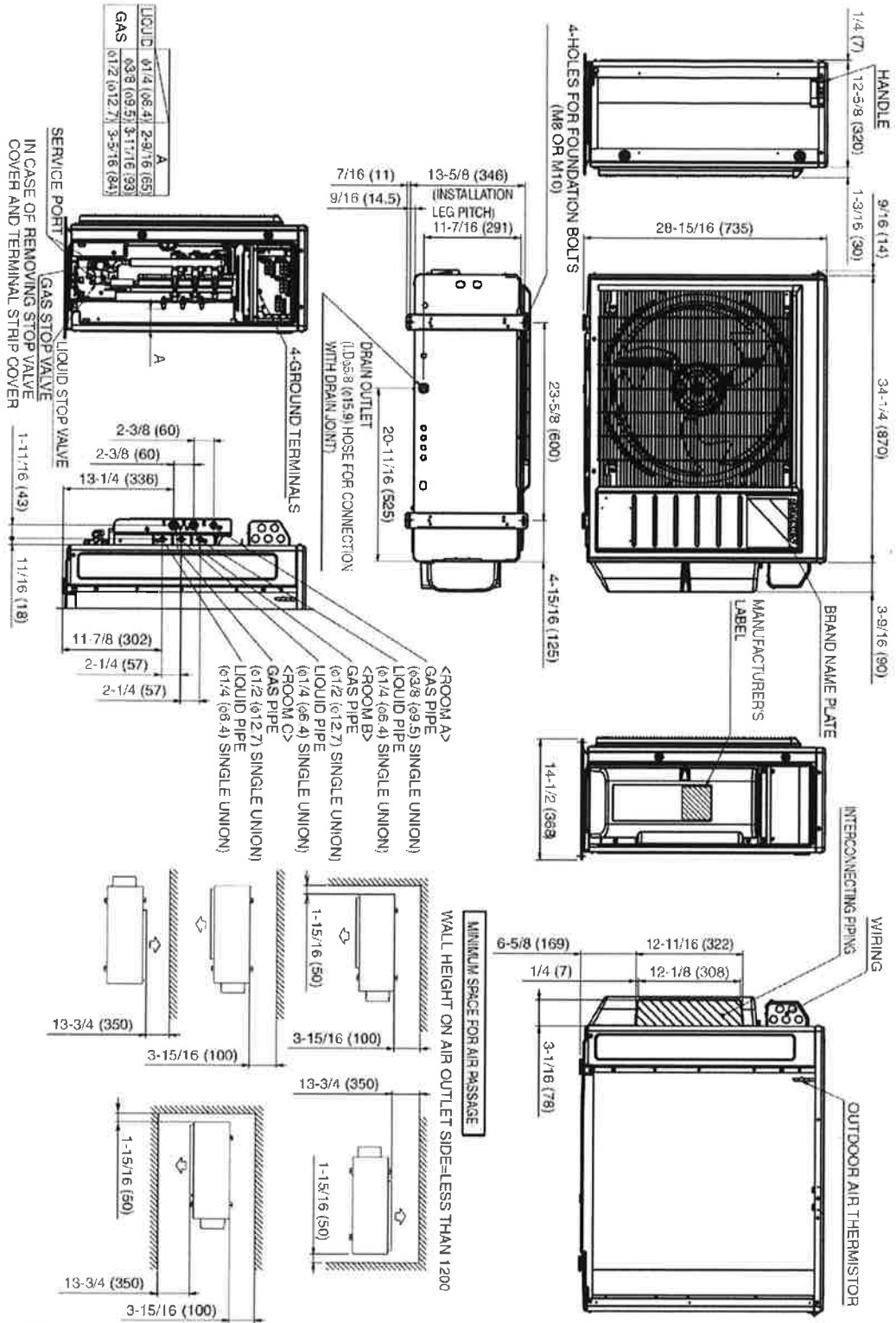
Outdoor Specifications				
Compressor	Hermetically Sealed Swing Type			
Refrigerant	R-410A			
Refrigerant Oil	PVE (FVC50K)			
Airflow Rate (cfm)	Cooling		Heating	
	H	2,613	H	2,351
	M	2,440	M	2,210
	L	1,727	L	1,119
Sound Power Level (dBA)	54 / 56			
Dimensions (H x W x D) (in)	28-15/16 x 34-1/4 x 12-5/8			
Weight (Lbs)	139			

Piping	
Liquid (in)	¼ x 4
Gas (in)	3/8 x 1,
	½ x 2, 5/8 x 1
Drain (in)	11/16
Max. Interunit Piping Length (ft)	230
Max. Interunit Height Difference (ft)	49.25
Chargeless (ft)	131.6
Additional Charge of Refrigerant (oz/ft)	.21

Daikin North America LLC 5151 San Felipe, Suite 500 Houston, TX 77056

(Daikin's products are subject to continuous improvements. Daikin reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations)

3MXS24NMVJU Dimensional Data



C: 3D093198

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Submission Creation Date: June 2017

Optional Accessories



Included	Part Number	Description
	DACA-WB-3	Mounting Bracket
	KEH063A4E	Drain Pan Heater 2/3/4MXS & 2/3MXL
	KPW063A4	Air Adjustment Grille
	KKG063A42	Back protection wire net
	KKG063A43	Side protection wire net
	KPS063A41	Snow hood (intake side plate)
	KPS063A44	Snow hood (intake rear plate)
	KPS063A47	Snow hood (outlet)

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