



The new degree of comfort.®

PROJECT NAME _____
LOCATION _____
ARCHITECT _____
ENGINEER _____
CONTRACTOR _____
SUBMITTED BY _____ DATE _____

UNIT SUMMARY

Quantity						
Unit Designation						
Model No.						
Total Cooling						
Sensible Cooling						
Air Ent. Evaporator						
Air Lvg. Evaporator						
Heating Input						
Heating Output						
CFM/ESP						
EER/SEER						
Electrical						
Minimum Ampacity						
Min.-Max. Breaker						
Net Unit Weight						
Accessory						
Catalog Form Number						

ACCESSORIES:

NOTES:

Endeavor® Line RACAZR iR Packaged Gas Electric

Cooling Efficiencies up to: 13.4 SEER2

Nominal Sizes: 2–5 Ton [7.03 kW–17.58 kW]

JOB NAME _____ LOCATION _____

CONTRACTOR _____ ORDER NO. _____

ENGINEER _____ UNIT MODEL NO. _____

SUBMITTED FOR ☐ APPROVAL ☐ RECORD COIL MODEL NO. _____

DATE _____ AIR HANDLER MODEL NO. _____

UNIT DATA

COOLING PERFORMANCE

TOTAL CAPACITY* MBH

SENSIBLE CAPACITY* MBH

OUTDOOR DESIGN TEMP. °F [°C] DB/WB

TOTAL SUPPLY AIR CFM [L/s]

TEMP. OF AIR ENTERING
EVAPORATOR COIL °F [°C] DB/WB

POWER INPUT REQUIREMENT kW

SEER/EER RATING
(*uses blower motor heat)

ELECTRIC HEAT PERFORMANCE

ELECTRIC HEAT CAPACITY kW

SUPPLY AIR BLOWER PERFORMANCE

TOTAL SUPPLY AIR CFM [L/s]

TOTAL RESISTANCE EXTERNAL
TO UNIT IWG

BLOWER SPEED RPM

POWER OUTPUT REQUIREMENT BHP

MOTOR RATING HP [W]

POWER INPUT REQUIREMENT kW

ELECTRICAL DATA

POWER SUPPLY / /

TOTAL UNIT AMPACITY AMPS

MINIMUM WIRE SIZE AWG

MAXIMUM OVERCURRENT DEVICE
FUSES HACR BREAKER AMPS

TOTAL UNIT WEIGHT

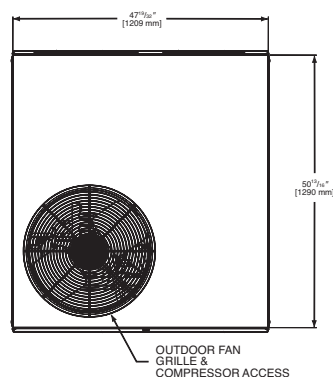
TOTAL OPERATING WEIGHT LBS [kg]
(including field-installed accessories)

CLEARANCES

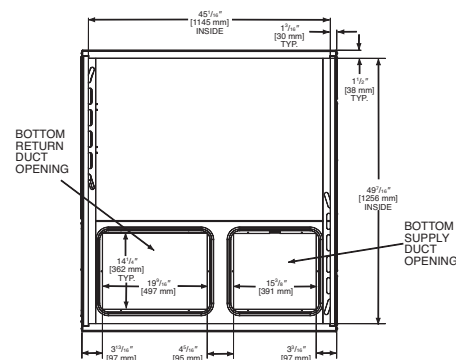
FRONT	48" [1219 mm]
CONDENSER COIL	18" [457 mm]
DUCT SIDE	12" [305 mm]
EVAPORATOR END	36" [914 mm]
ABOVE UNIT	60" [1524 mm]

UNIT DIMENSIONS FOR PACKAGE AIR CONDITIONERS 3 TO 5 TON [10.6 TO 17.6 kW] MODELS

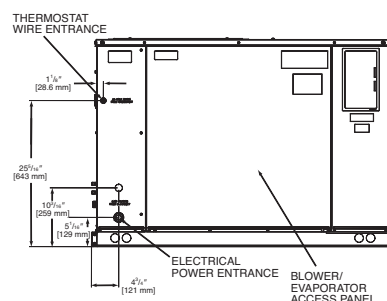
TOP VIEW



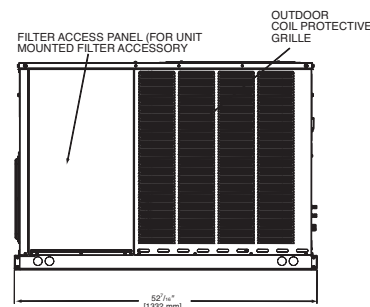
BOTTOM VIEW



SIDE VIEW



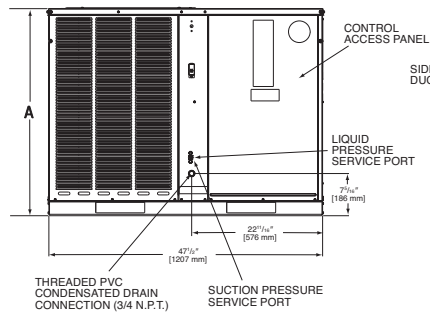
SIDE VIEW



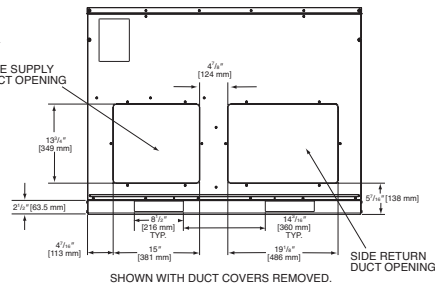
[] Designates Metric Conversions



FRONT VIEW



REAR VIEW



Model #	Height "A"
024, 030, 036, 042	35 ¹⁵ / ₁₆
048, 060	41

IMPORTANT:

Unit must be level to prevent water migration.

[] Designates Metric Conversions

FEATURES

- All models feature Scroll® compressors for maximum efficiency and quiet operation.
- Louvered condenser compartment to protect the coil against yard hazards and/or weather extremes.
- One-piece top with a drip flange to help keep water out of the unit.
- Drawn supply and return air openings feature a one-inch tall flange to prevent water migration into the ductwork.
- Access panels have "weep holes" and channels to further help manage water run-off.
- All models are shipped ready for horizontal application.
- Easily accessible blower section complete with slide-out blower.
- Refrigerant connections are conveniently located for easy service diagnostics.
- Micro Channel evaporator and condenser delivers superior performance with less refrigerant charge and less weight than conventional copper tube/aluminum fin coils. In

addition the all aluminum construction has superior protection against formicary corrosion and aluminum tube rubbing potential. It is easier to clean and has a more robust surface.

- Supplemental electric heat strips up to 15 kW are available (field installed) for periods of extreme cold temperatures. Single point wiring simplifies installation.
- Easily accessible control box.
- Thermal expansion valve standard on all models for superior superheat control, reliability, and energy efficiency at all operating conditions.
- Solid core liquid line. Filter drier standard on all models (not shown).
- Rugged baserail included for improved installation and handling.
- Molded compressor plug.
- Complete factory charged, wired and run tested.
- A double sloped evaporator coil drain pan assures all water is removed from the unit to improve indoor air quality.

ACCESSORIES

- Roofcurb RXSG-AAA08 (8" [203 mm] Height)..... ☐
- Roofcurb RXSG-AAA14 (14" [356 mm] Height)..... ☐
- Supply & Return Diffusers RXRN-BD15 ☐
- Economizers (Convertible) AXRD-01RACAM3..... ☐
- Fresh Air Damper AXRF-FAB1 (Motorized-35%)..... ☐
- Fresh Air Damper ASRF-FAA1 (Fixed 35%)..... ☐
- Rectangular to Round Transition (Downflow)
RXMC-CA02 (16" [406 mm] Ducts) ☐

- Rectangular to Round Transition (Downflow)
RXMC-CA03 (18" [457mm] Ducts) ☐
- Filter Kit RXRY-B01 ☐
- Sideflow Rectangular to Round Transition AXMC-BA01..... ☐
- Low Ambient Control RXRZ-B01 ☐
- High Pressure Control RXAB-E01
(standard on RACAZR) ☐
- Low Pressure Control RXAC-C01 ☐

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

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