



Russell[®]
By Rheem

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:

RHPBZR Vantix™ Line

iR Packaged Dedicated Horizontal Heat Pump

Nominal Sizes: 2 to 5 Ton [7.0 to 17.6 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 RATING
(*uses blower motor heat)

HEATING PERFORMANCE

GAS HEAT INPUT CAPACITY MBH
 HEAT PUMP HEATING PERFORMANCE
 CAPACITY @ 47°F..... MBH
 CAPACITY @ 17°F..... MBH
 COEFFICIENT OF PERFORMANCE
 @ 47°F..... C.O.P.
 @ 17°F..... C.O.P.
 ELECTRIC HEAT CAPACITY..... kW
 H.S.P.F.

SUPPLY AIR BLOWER PERFORMANCE

TOTAL AIR SUPPLY..... 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 Hz
 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

SIDE "A"	18"	[457 mm]
SIDE "B"	0"	
SIDE "C"	12"	[305 mm]
SIDE "D"	30"	[762 mm]
ABOVE UNIT	60"	[1524 mm]

FEATURES

- Base rails protect the base from ground moisture and provides air circulation around the unit
- Easy access to internal components
- Large, easy-to-access control box
- 100% scroll compressor technology
- Two-stage scroll compressor
- Low pressure control standard on all models
- High pressure control standard on -060 models



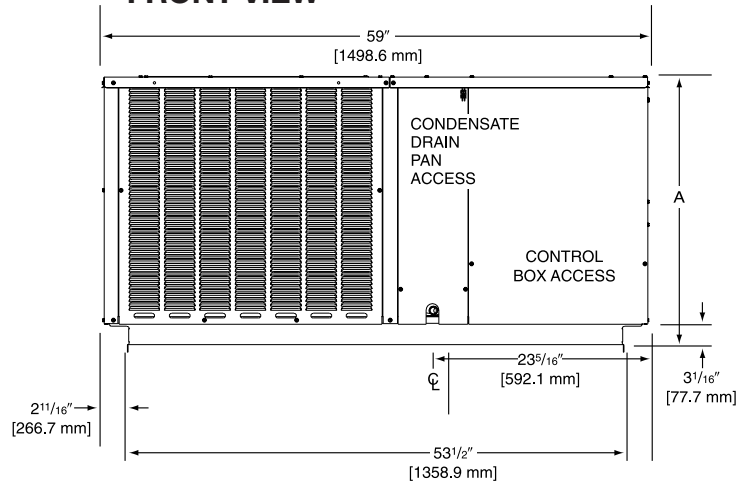
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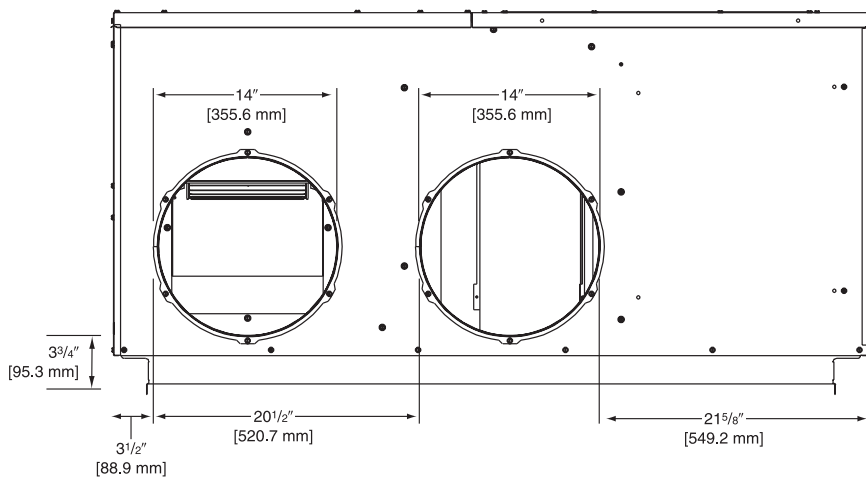
DIMENSIONS

Model	Height "A"
024, 030	29 1/8"
036, 042, 048, 060	37 1/8"

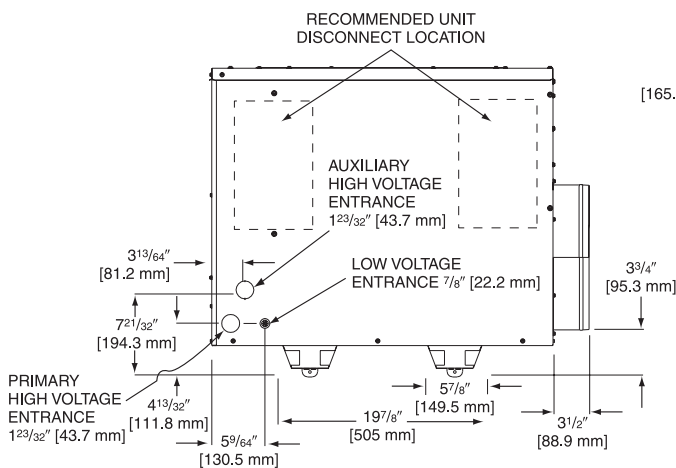
FRONT VIEW



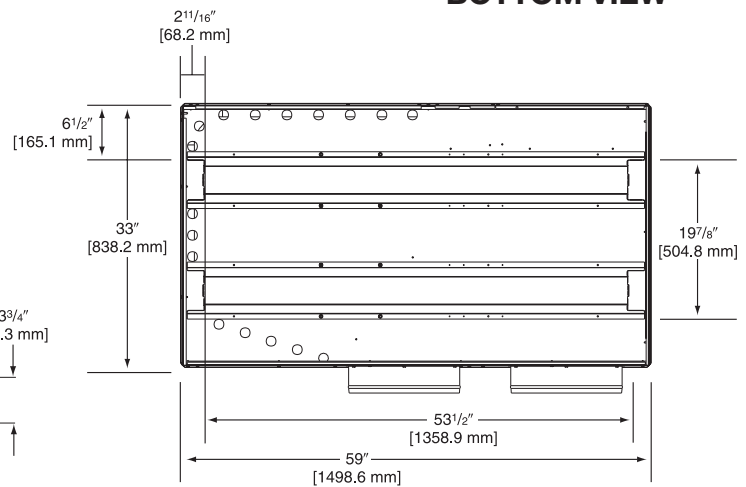
REAR VIEW



ELECTRICAL CONNECTIONS



BOTTOM VIEW



[] Designates Metric Conversions

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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