

RELY ON



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:

RHPSYB Endeavor® Line

iR Residential Packaged Dedicated Horizontal Heat Pumps

Nominal Sizes: 2 to 5 Tons [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]

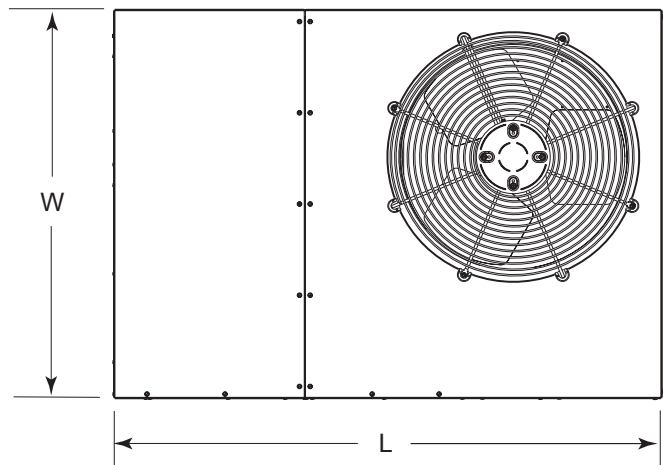
FEATURES

- **Energy-efficient:** Eco-friendly R-454B Refrigerant offering reduced carbon footprint
- **First in Industry Patented Hot Gas Defrost:** Ensures complete, worry-free defrost
- **Quality Compressor:** State of the art scroll compressor is standard on all models offering superior efficiency, and reliability
- **Hi/Low Pressure Switches:** Ensure long compressor life
- **All Aluminum Coils:** Provides high corrosion resistance, lower refrigerant volume
- **Designed Using Galvanized Steel:** The finish passes 950 hours of salt spray per ASTM® Std. B117, offering enhanced durability
- **Compact Footprint and Profile:** Make the RHPSYB Series easy to transport and install
- **0" Clearance:** To combustibles on duct side of the unit allows for installations in tight areas
- **Wire Guard Coated with Eco-Friendly Epoxy and Plastic Mesh Hall Guard:** A guard that will never rust and protects the unit's coil from being damaged
- **Raised Base Pan:** Allows water to drain away from the unit
- **Easy Access:** To the evaporator coil and blower assembly for cleaning and general maintenance
- **Easy Compressor and Control Access:** Designed to make servicing easier for the contractor, access panels are provided to all controls and the compressor from the side of the unit
- **Removable Top Grille Assembly:** Allows ease of service to the fan motor
- **Five Minute Restart Time Delay:** When the units shuts down, a five minute delay keeps the unit from restarting, eliminating the highest cause of compressor failure
- **Liquid Line Filter Drier:** Factory installed at a convenient location for service
- **Accessible Service Valves:** Simplify servicing of the refrigeration system
- **Suction Accumulator:** Provides protection from liquid flood back and future compressor failures
- **Permanently Lubricated Condenser Motor:** A heavy duty PSC motor for long lasting reliability and quiet operation
- **Low Voltage Transformer:** Includes 3 Amp fuse to protect low voltage circuit
- **Drain Trap Included:** Design optimizes drainage capabilities
- **Optional Electric Heat:** Easy to field-install 5–20kW heater kits



RHPSYB

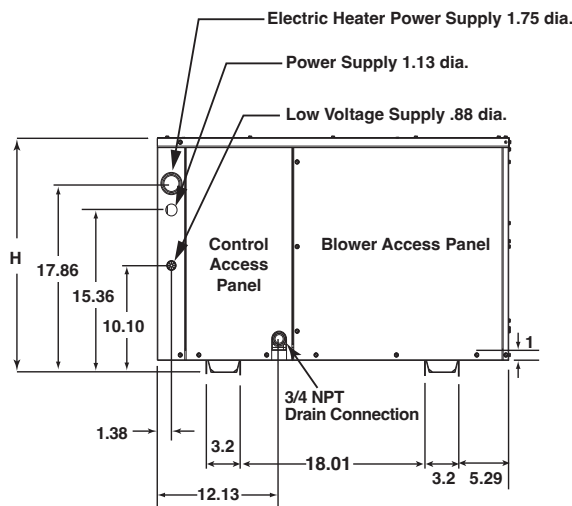
TOP VIEW



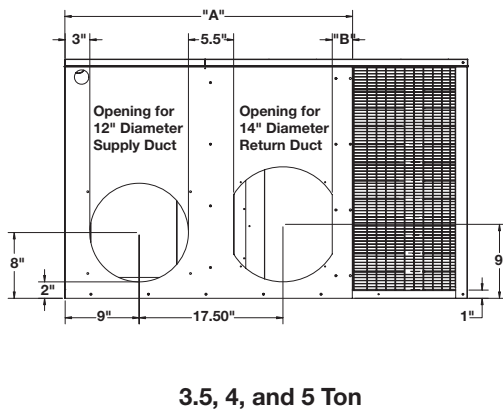
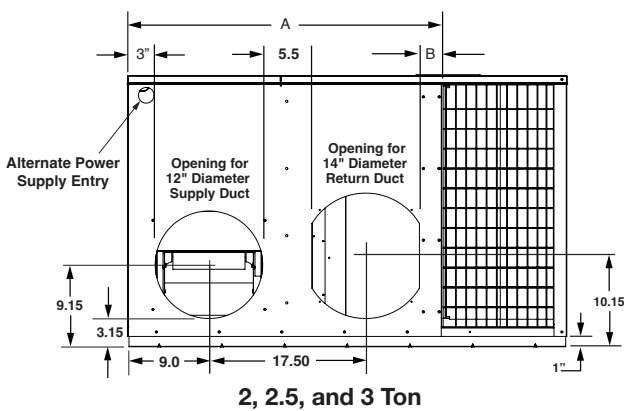
DIMENSIONS

Model	Length (L)	Width (W)	Height (H)
024, 030, 036	49"	35"	30.2"
042, 048	49"	35"	38.2"
060	63"	35"	38.2"

SIDE VIEW



BACK (DUCT) 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.

© 2026 Rheem Manufacturing Company. Trademarks are property of their respective owners.
In keeping with its policy of continuous progress and product improvement, manufacturer reserves the right to make changes without notice.
5600 Old Greenwood Road • Fort Smith, Arkansas 72908