



RACDYB STANDARD FEATURES INCLUDE:

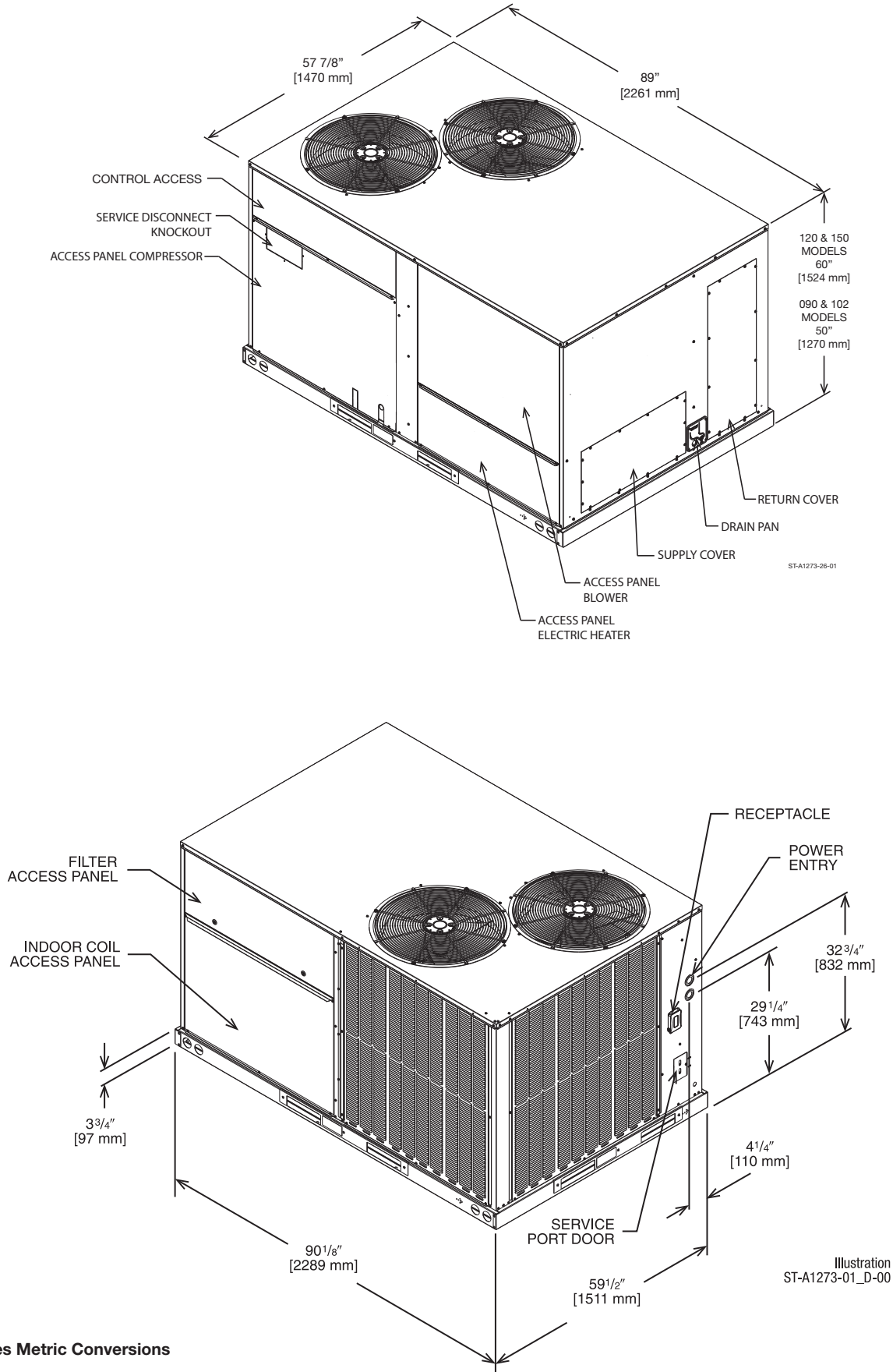
- Factory charged with R-454B refrigerant
- Wired and run tested
- Scroll compressors with internal line break overload and high pressure protection
- Models have two stages of cooling
- Convertible airflow – vertical down flow or horizontal side flow
- Forkable base rails for easy handling and lifting
- Cooling operation up to 125°F ambient
- MicroChannel evaporator and condenser coil
- Package includes:
 - Qwik-Change Flex-Fit Rack
 - Qwik-Slide Blower Assembly
 - Qwik-Clean Drain Pan
- Overflow condensate sensor
- Diagnostics with Dual 7-Segment LED Display to meet code compliance
- One-piece top cover and base pan with drawn supply and return opening
- Two-piece control door
- ¼ turn fasteners on filter access door
- Color-coded and labeled wiring
- External lockable gauge ports
- TXV refrigerant metering system
- Solid-core liquid line filter drier
- High pressure and low pressure/loss of charge protection with built in Smart Logic
- Insulation encapsulated throughout entire unit
- High performance belt drive motor with variable pitch pulleys and quick adjust belt system
- Blower with Variable Frequency Drive (VFD) control is standard
- Industry standard footprint and matching connections
- MERV 8 & MERV 13 filters are available as a field-installed option
- Refrigerant leak detection system

Designing for Sustainability with Low GWP



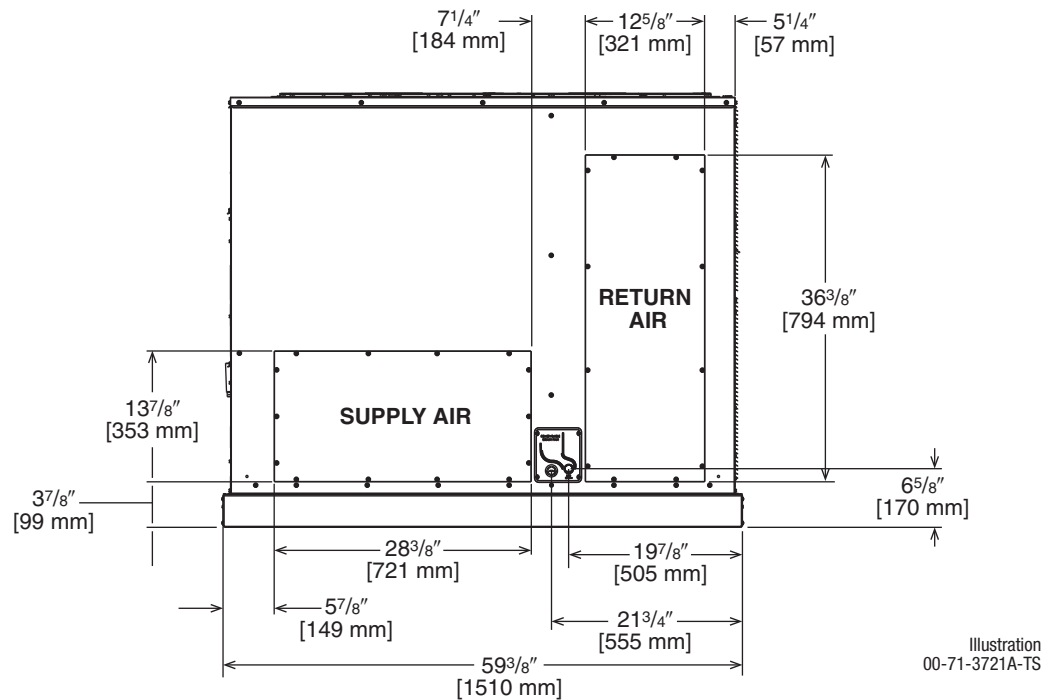
For 2025, the Environmental Protection Agency (EPA) has set a global warming potential (GWP) limit of 700 for refrigerant used in most heating and cooling systems. This new requirement will result in a 78%¹ lower GWP than previous-generation refrigerants—with only minimal changes to system installation. For us, this is another step toward our ongoing sustainability goal of reducing greenhouse gas emissions, while still delivering an exceptional level of energy efficient, dependable comfort.

¹When comparing the GWP of R-454B to R-410A refrigerant.

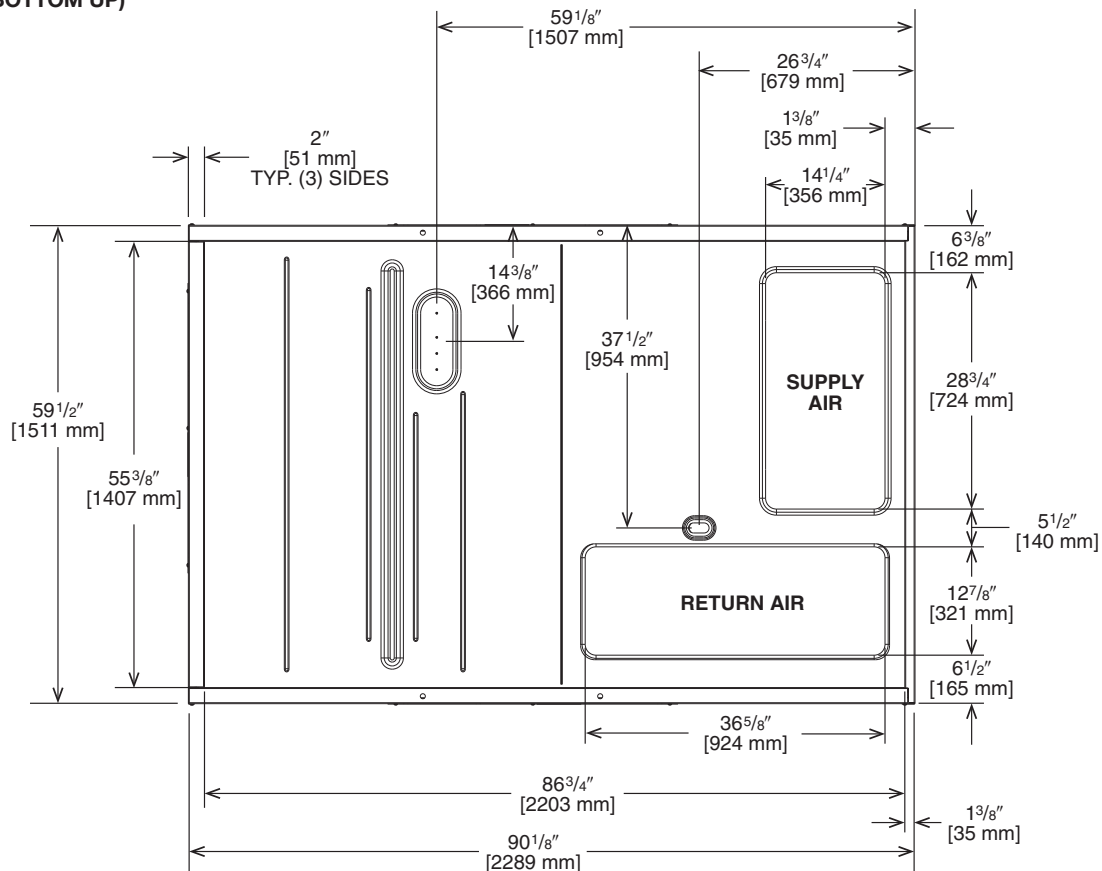


[] Designates Metric Conversions

SUPPLY AND RETURN DIMENSIONS FOR HORIZONTAL APPLICATIONS



SUPPLY AND RETURN DIMENSIONS FOR DOWNFLOW APPLICATIONS (VIEW FROM BOTTOM UP)



[] Designates Metric Conversions

WEIGHTS

| Capacity Tons [kW] | Corner Weights by Percentage | | | |
|----------------------|------------------------------|-----|-----|-----|
| | A | B | C | D |
| 7.5-12.5 [21.1-44.0] | 26% | 34% | 17% | 23% |

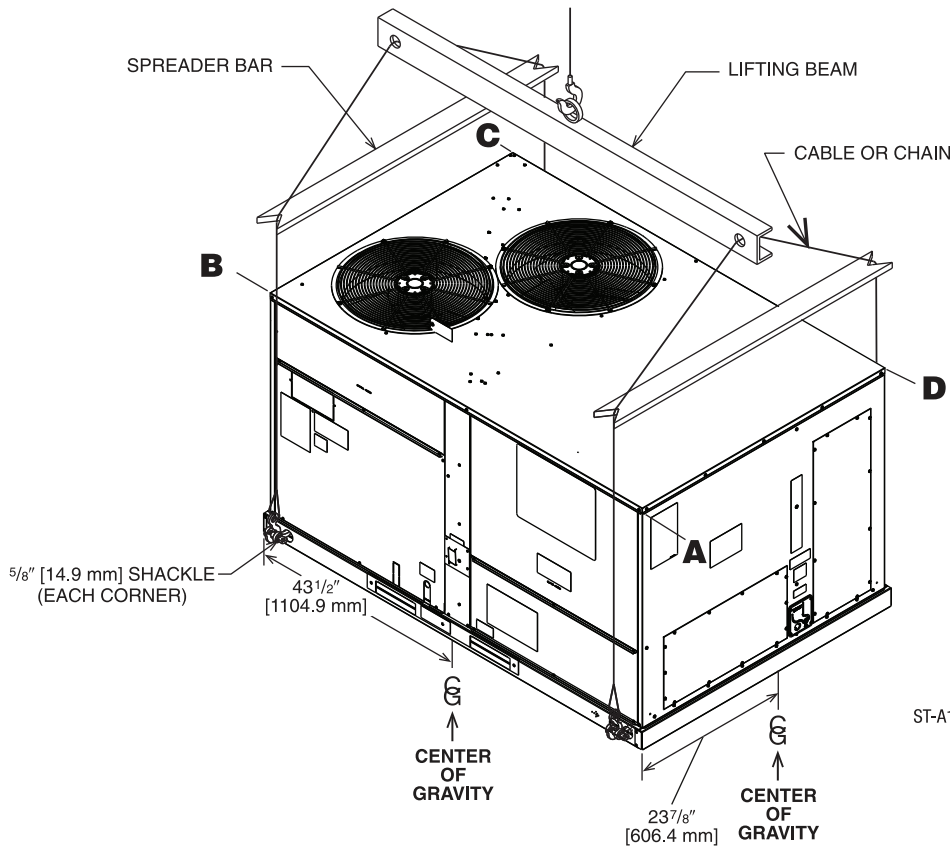


Illustration
ST-A1273-01_J-00

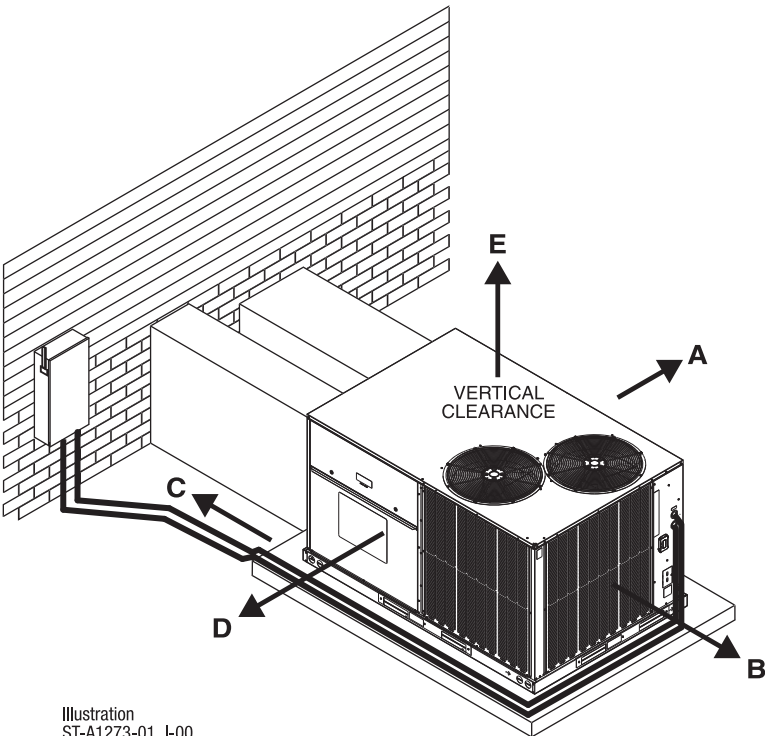


Illustration
ST-A1273-01_I-00

CLEARANCES

The following minimum clearances must be observed for proper unit performance and serviceability.

| RECOMMENDED CLEARANCE In. [mm] | LOCATION |
|--------------------------------|-------------------|
| 48 [1219] | A - FRONT |
| 24 [609] | B - CONDENSER END |
| 48 [1219] ① | C - DUCT END |
| 24 [609] ② | D - FILTER SIDE |
| 60 [1524] | E - ABOVE |

① 18" [457 mm] MINIMUM IF DRAINPAN WILL NOT BE REMOVED.

② 48" [1219 mm] MINIMUM IF ECONOMIZER IS INSTALLED.