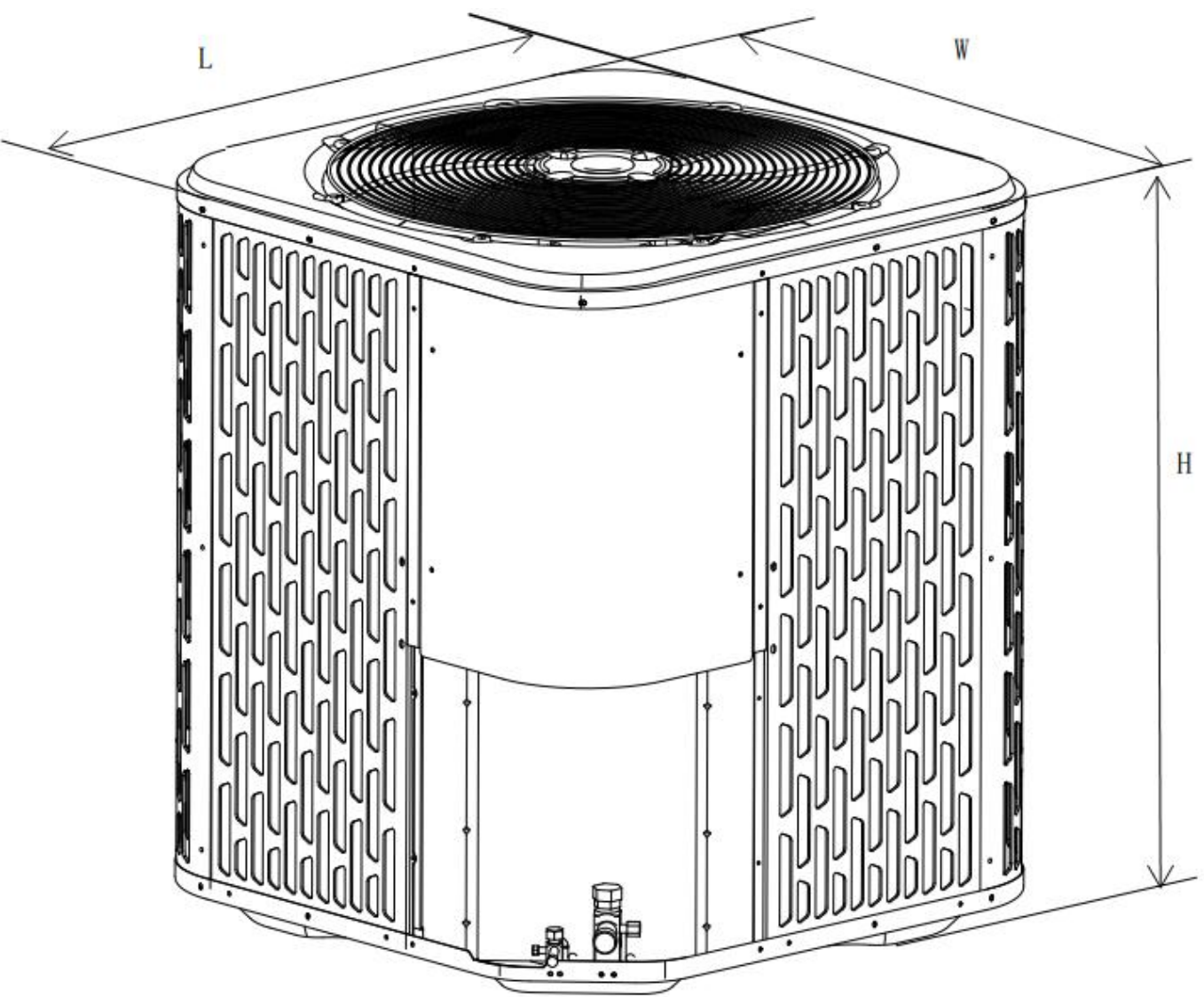


**Submittal**

TAG:

**Condensing Unit**  
**THP Series 15.2HP**  
**Cooling capacity: 18-61 kBTU/h**



| Model Size    | Unit Width<br>"W" in. [mm] | Unit Height<br>"H" in. [mm] | Unit Length<br>"L" in. [mm] | Unit Weight<br>(lbs.[kg]) |
|---------------|----------------------------|-----------------------------|-----------------------------|---------------------------|
| THP5048A1000A | 28 [710]                   | 33-3/16 [843]               | 28 [710]                    | 197 [89]                  |

## Specifications

|                                       | THP5048A1000A |
|---------------------------------------|---------------|
| <b>NOMINAL CAPACITY</b>               |               |
| Cooling (BTU/h)                       | 45,000        |
| Heating (BTU/h)                       | 44,500        |
| <b>ELECTRICAL DATA</b>                |               |
| Voltage / Phase (60 Hz)               | 208/230 / 1   |
| Min. / Max. Voltage (V)               | 187/253       |
| Min. Circuit Amps (MCA) (A)           | 28            |
| Max. Overcurrent Protection (MOP) (A) | 48.7          |
| <b>COMPRESSOR</b>                     |               |
| Type                                  | Scroll        |
| Stage                                 | Single        |
| Rated Load Amps (RLA) (A)             | 20.8          |
| Locked Rotor Amps (LRA) (A)           | 95            |
| Crankcase Heater                      | Yes           |
| <b>CONDENSER COIL</b>                 |               |
| Type                                  | Tube & Fin    |
| Tube Size (O.D) (in.)                 | 3/16          |
| <b>FAN MOTOR</b>                      |               |
| Motor Type                            | ECM           |
| Capacitor (uF)                        | /             |
| Horsepower (HP)                       | 1/3           |
| Full Load Amps (FLA) (A)              | 2.0           |
| <b>REFRIGERATION SYSTEM</b>           |               |
| Liquid Valve Size (O.D.) (in.)        | 3/8           |
| Suction Valve Size (O.D.) (in.)       | 7/8           |
| Liquid Line Size ("O.D.) (in.)        | 3/8           |
| Suction Line Size ("O.D.) (in.)       | 7/8           |
| Refrigerant Charge (lbs. - oz.)       | 6 lbs. 11 OZ. |
| <b>SOUND POWER (dB(A))</b>            | 78            |
| <b>OPERATION RANGE</b>                |               |
| Cooling (°C)                          | 12.7~48.9     |
| Cooling (°F)                          | 55~120        |
| Heating (°C)                          | -15~30        |
| Heating (°F)                          | 5~86          |

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**Standard Features:**

- Eco-friendly R454B refrigerant with low GWP value.
- Energy-efficient compressor.
- Equipped with thermal overload protection.
- High-efficiency aluminum microchannel condenser.
- Service valves with sweat connections and easy-access gauge ports.
- Factory-installed high-pressure switch.
- AHRI certified and ETL listed.
- Filter drier included as accessory.

**Cabinet Features:**

- Compact design allows for ease of installation, clearance, durability, and maneuverability.
  - Powder-painted galvanized steel cabinet chassis.
  - Protective steel louvered coil guard.
  - Steel wire axial fan guard
  - ECM fan motor and unique blade style allowing for smooth discharge air and quieter operation.
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