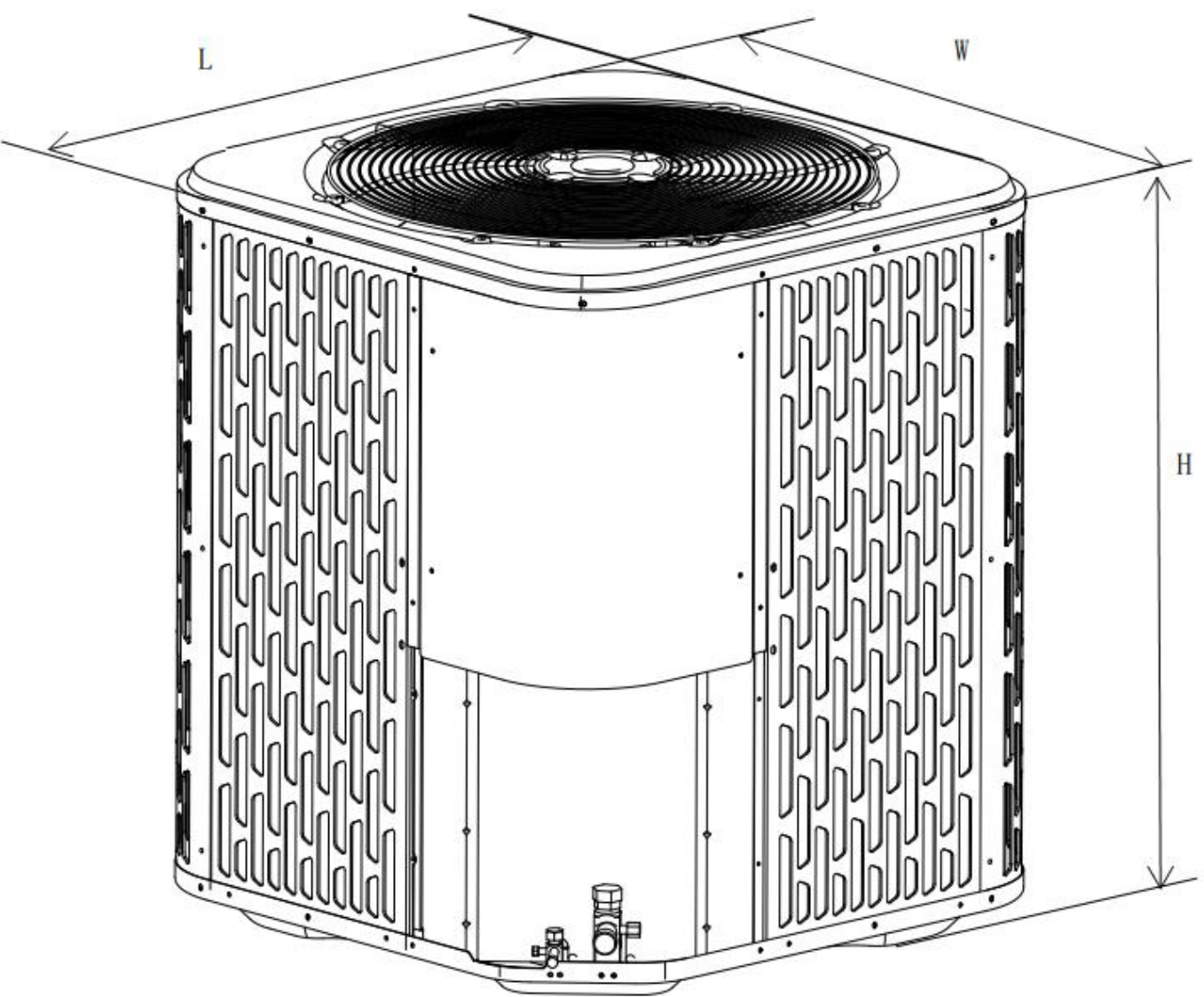


Submittal

TAG:

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



Model Size	Unit Width "W" in. [mm]	Unit Height "H" in. [mm]	Unit Length "L" in. [mm]	Unit Weight (lbs.[kg])
THP5042A1000A	28 [710]	33-3/16 [843]	28 [710]	181 [82]

Specifications

	THP5042A1000A
NOMINAL CAPACITY	
Cooling (BTU/h)	41,000
Heating (BTU/h)	41,000
ELECTRICAL DATA	
Voltage / Phase (60 Hz)	208/230 / 1
Min. / Max. Voltage (V)	187/253
Min. Circuit Amps (MCA) (A)	26.2
Max. Overcurrent Protection (MOP) (A)	45.7
COMPRESSOR	
Type	Scroll
Stage	Single
Rated Load Amps (RLA) (A)	19.6
Locked Rotor Amps (LRA) (A)	96
Crankcase Heater	Yes
CONDENSER COIL	
Type	Tube & Fin
Tube Size (O.D) (in.)	3/16
FAN MOTOR	
Motor Type	ECM
Capacitor (uF)	/
Horsepower (HP)	1/3
Full Load Amps (FLA) (A)	1.7
REFRIGERATION SYSTEM	
Liquid Valve Size (O.D.) (in.)	3/8
Suction Valve Size (O.D.) (in.)	3/4
Liquid Line Size ("O.D.) (in.)	3/8
Suction Line Size ("O.D.) (in.)	3/4
Refrigerant Charge (lbs. - oz.)	6 lbs. 11 OZ.
SOUND POWER (dB(A))	78
OPERATION RANGE	
Cooling (°C)	12.7~48.9
Cooling (°F)	55~120
Heating (°C)	-15~30
Heating (°F)	5~86

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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