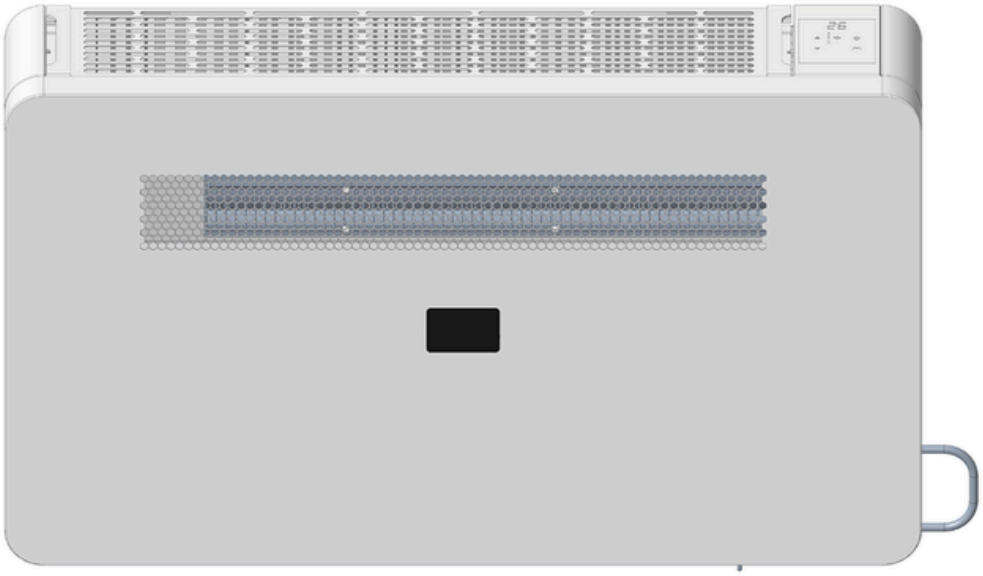
WAYSOS



COMPACT-AIRE HP

THROUGH-WALL HEAT PUMP

KEY FEATURES

High-Efficiency Through-Wall Heat Pump with No Outdoor Unit Required

The Waysos Compact-Aire HP delivers a reliable, energy-efficient, and architecturally discreet HVAC solution for multi-residential, hospitality, and retrofit applications. With a simple compact design, this heat pump offers year-round comfort without the need for exterior equipment or refrigerant line sets.

4-in-1 Functionality

Cooling, Heating, Dehumidification, and Fan-Only operation for versatile, year-round indoor climate control.

Front Digital Display

Clearly visible on the unit's face for easy temperature and setting checks

Compact, Self-Contained Design

No outdoor unit or mechanical room equipment required. All refrigeration components are factory sealed and contained within the indoor chassis.

Heat Pump with Auxiliary Electric Back-Up Heat

600W electric resistance heater supports the heat pump by operating simultaneously (Compressor + Electric Heater).

Eco-Friendly R32 Refrigerant

Utilizes next-generation R32 refrigerant with Low Global Warming Potential (GWP = 675)

Quiet Operations with Inverter-Driven Variable Speed Technology

High-efficiency DC inverter compressor and fan motor for quiet and energy-saving operations.

100% Powder-Coated Metal Design with Fixed Mesh Grille

Durable all-metal casing with a fixed mesh grille design, ensuring consistent airflow distribution to help maintain a balanced, even room temperature without the drafts or hot/cold spots.

Integrated Condensate Management System

Energy-saving, self-evaporative condensate removal in cooling mode.

Integrated Control Options

- On-board LED display with temperature control
- Handheld remote control
- Wi-Fi connectivity via Smart Life app (iOS/Android)
- Optional - third-party 24V wall thermostats available

MODEL: COMPACT-AIRE **HP**

(C/W Additional 600W Electric Back-up Heater)

SPECIFICATIONS

Cooling Capacity		
Rated Cooling Capacity (95°F)	Btu/h	7,080
	Watts	2,074
Cooling Capacity Range	Btu/h	1,000 - 7,120
Energy Efficiency Ratio (EER2)	Btu/(W.h)	10.5
Seasonal Energy Efficiency Ratio (SEER2)	Btu/(W.h)	13.9
Heating Capacity		
Rated Heating Capacity (47°F)	Btu/h	7,120
	Watts	2,086
Heating Capacity Range	Btu/h	1,000 - 7,120
*Electric Heating Capacity	Btu/h	2,047
	Watts	600
Outdoor Heating Operating Range	°F/°C	5F/-15C ~ 75F/24C
Coefficient Of Performance (COP)	Btu/(W.h)	3.4
Heating Seasonal Performance Factor (HSPF2)	Btu/(W.h)	7.4
Heating Performance / Energy Efficiency		
Nominal Heating Capacity @47°F / 8°C Heat Pump Only	Btu/h	7,120
	COP	3.0
Nominal Heating Capacity @17°F / -8°C Heat Pump Only	Btu/h	4,405
	COP	1.8
Nominal Heating Capacity @5°F / -15°C Heat Pump Only	Btu/h	2,825
	COP	1.2
Sound Pressure Levels		
Indoor Range	dBA	30 - 39
Dehumidifier		
Moisture Removal	Kg/Hr	1.5
	Pints/Hr	2.6

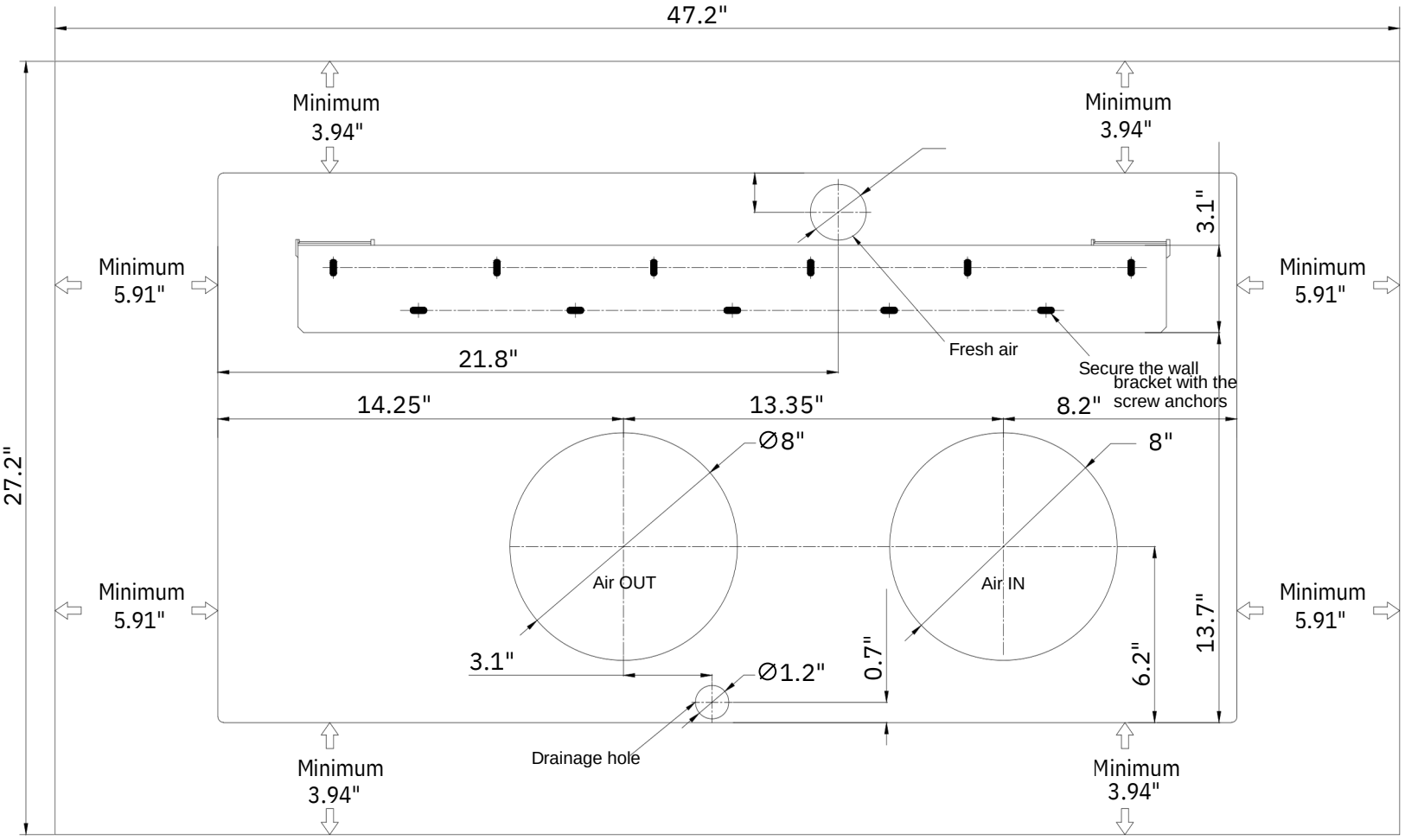
Electrical		
Power Supply	V-Ph-Hz	115-1-60
Rated Input for Cooling (95°F)	Watts	846
Rated Input for Heating (47°F)	Watts	703.4
Rated Input for Electric Heating	Watts	600
Rated Current for Cooling	A	6.6
Rated Current for Heating	A	6.37
Rated Current for Electric Heating	A	5.56
Total Input Current	A	11.93
Minimum Circuit Ampacity (MCA)	A	13.4
Maximum Overcurrent Protection (MOP)	A	15
Fan		
Type	- -	DC Variable
Speed	- -	3
Indoor Fan Range	CFM	165 - 235
Compressor		
Type	- -	DC Inverter
Speed Range	Hz	33 - 60
Refrigerant		
Type	- -	R32
Factory Charge	Oz	12.7
	Kg	0.65
Dimensions		
Body Size (W/H/D)	Inches	36.81/21.38/7.8
	mm	940/533/203
Intake/Exhaust Core	Inches	8
Weight		
Body Weight	Kg	39
	lbs	86
Safety Standard		
ETL		

*Electric heating is manually switched on and works in combination with the compressor to provide heat in colder climates.

The manufacturer reserves the right to modify product specifications at any time without prior notice. Users are advised to consult the latest technical documentation to ensure accurate and up-to-date information.

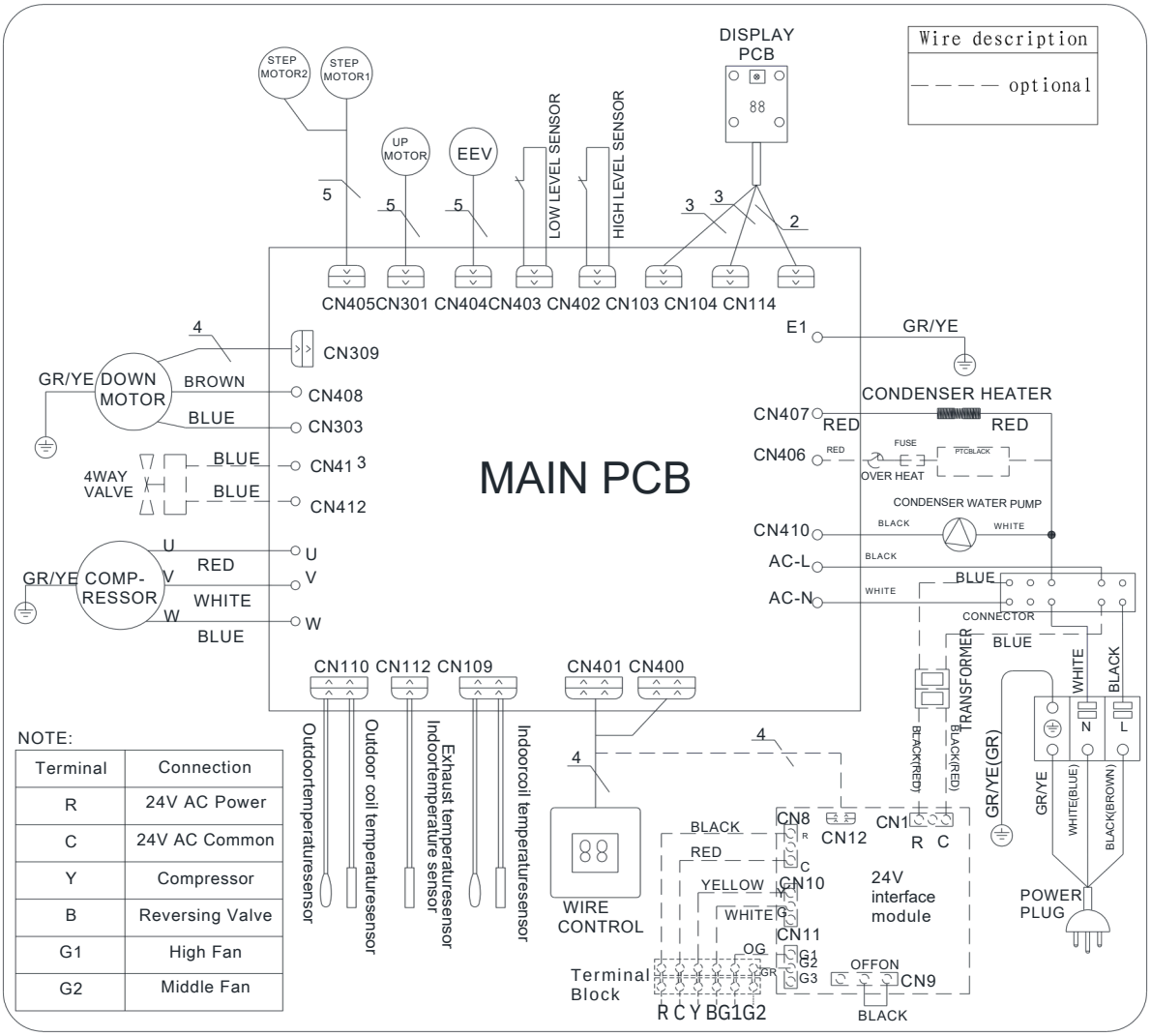
MODEL: COMPACT-AIRE **HP**

WALL MOUNTING TEMPLATE



MODEL: COMPACT-AIRE **HP**

WIRE DIAGRAM



NOTE:

Terminal	Connection
R	24V AC Power
C	24V AC Common
Y	Compressor
B	Reversing Valve
G1	High Fan
G2	Middle Fan



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