

All-in-One Unit
Heating & Hot Water
2 Zone , No Buffer
3rd Party Stats

Open zone with 2 zone

- Note before you even consider this system.
- There is a 6-minute pump run on after thermostats go off.
- Your zone valves shut within a minute of the thermostat run signal being turned off.
- So think about it, for 5 minutes with the valves closed you need to maintain at least 12 l/min flow.
- If you don't set up the bypass at commissioning you will be back, with E8 low flow error, you have been warned so don't call me.

All-in-One Unit

4.2.1. SIMPLIFY HYDRAULIC DIAGR

Heating and hot water system

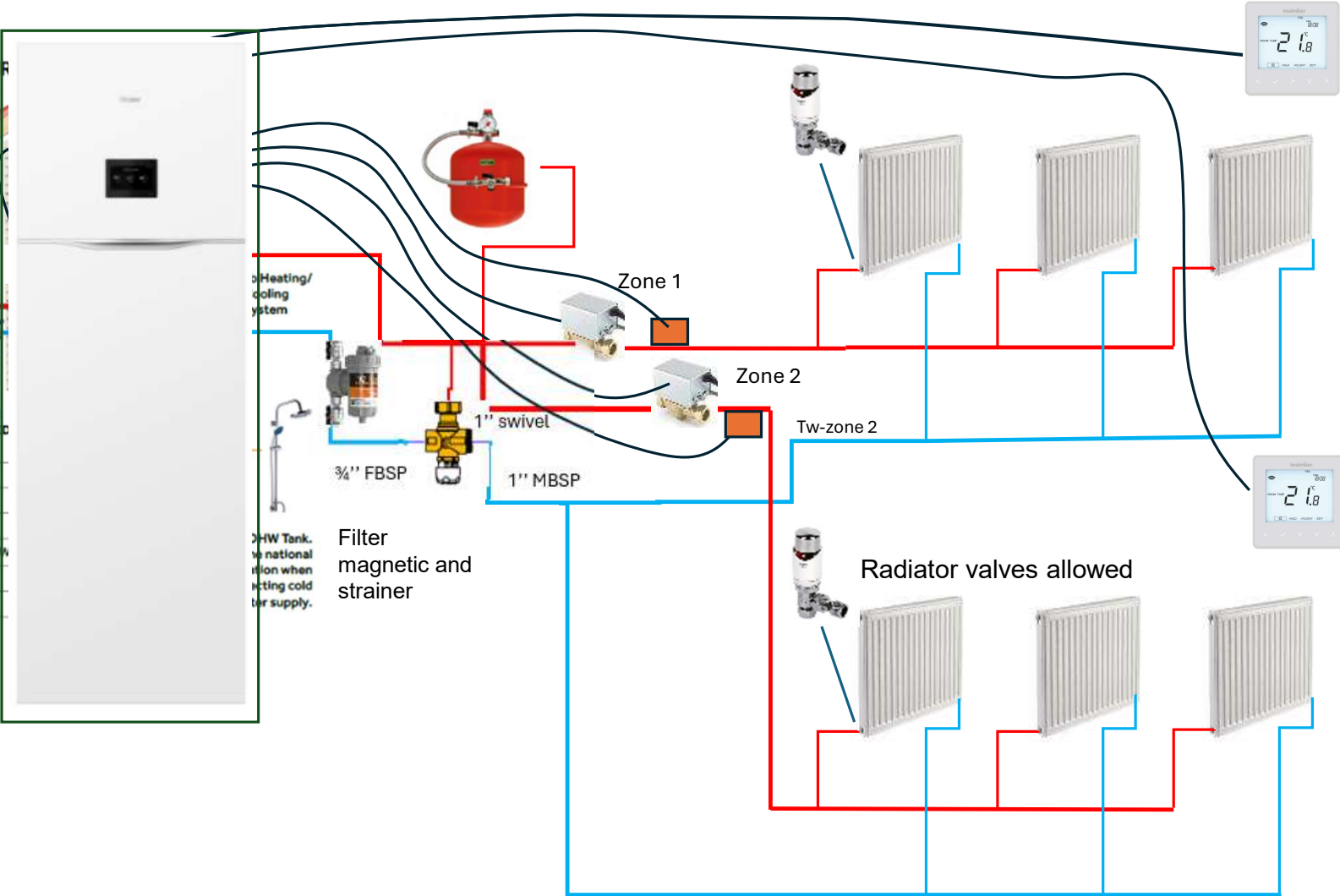


Pump main

ALL THE DIAGRAMS AND THE ACCESSORIES ARE ONLY AN EXAMPLE OF THE INSTALLATION AND HAVE TO BE CARRIED OUT IN ACCORDANCE WITH LOCAL REGULATIONS.

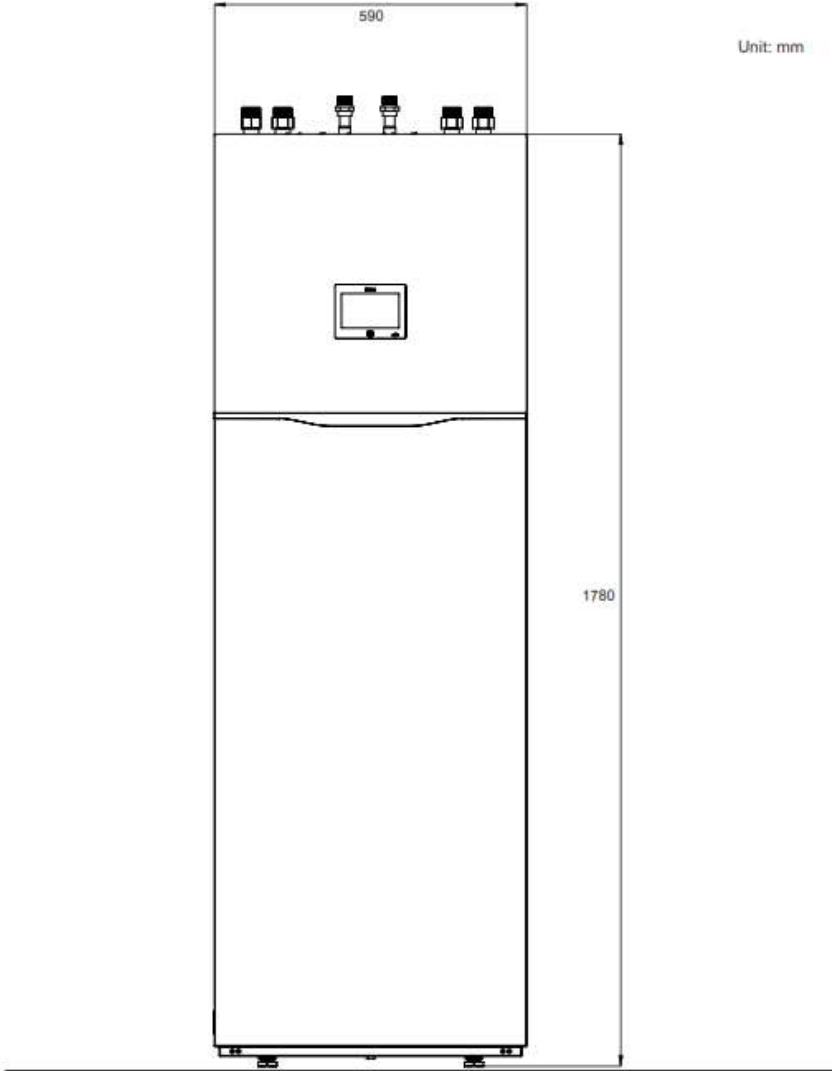
	Flexible hose pipe		Delivery water flow
	Ball Valve		Return water flow
	Ball Valve		DHW Tank
	Water filter		Electrical Heater DHW
	Drain Valve		
	3-way valve		

FOR ELECTRICAL CONNECTIONS REFER TO POINT 1.0.

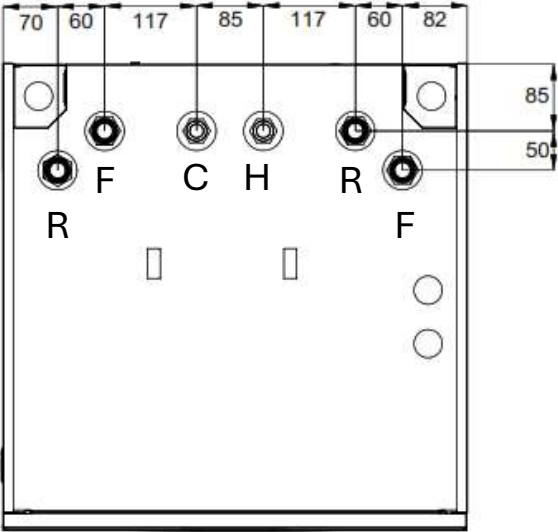


5.3 Indoor Units - Hydro All in One

HU102F20AHYA HU162F20AHYA HU102F20AHYAE3 HU162F20AHYAE3

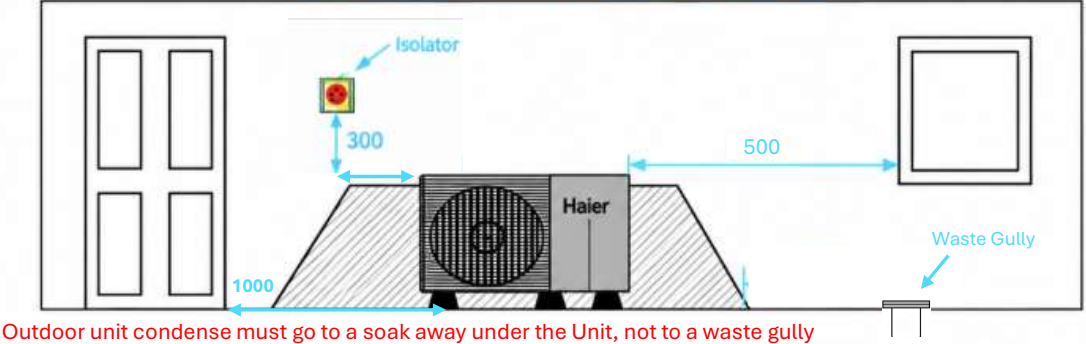


Unit: mm

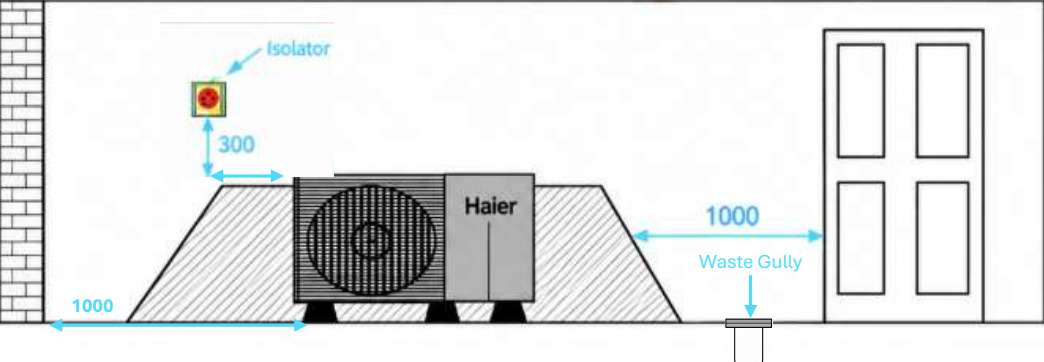


Safe Zone:

Ground Installation In Front Of Building Wall Safe Zone



Ground Installation In Corner Of Building Wall Safe Zone

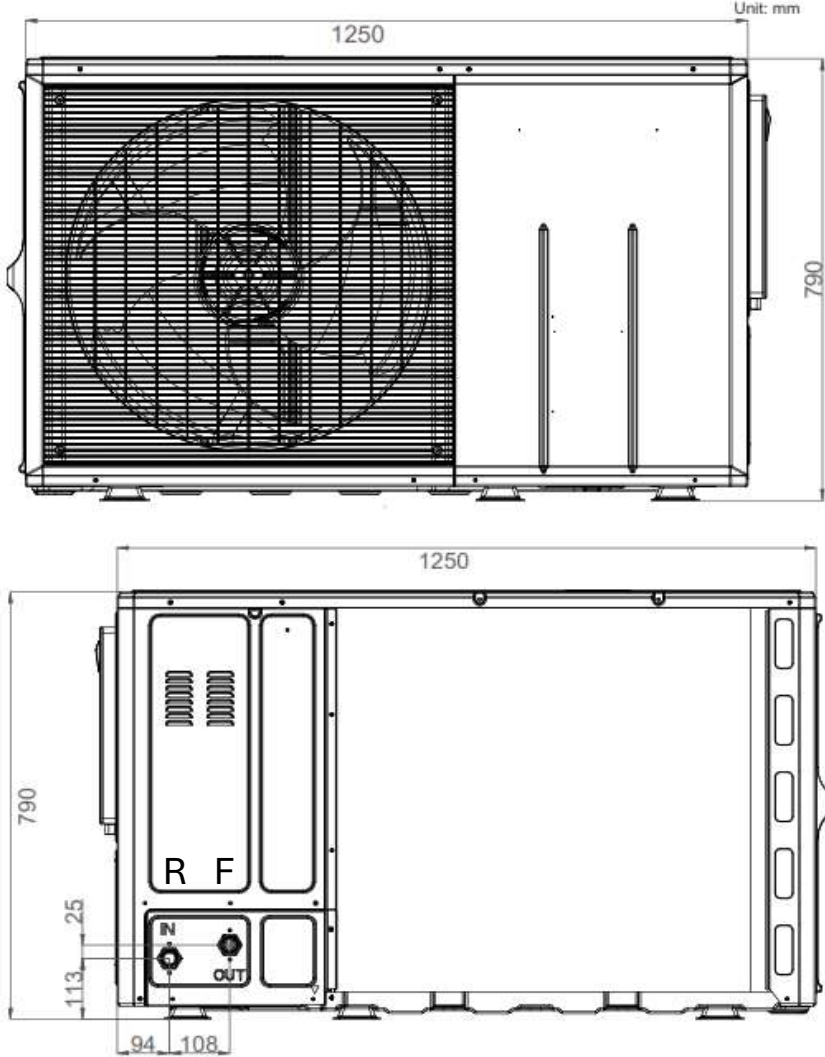


Key Requirements:

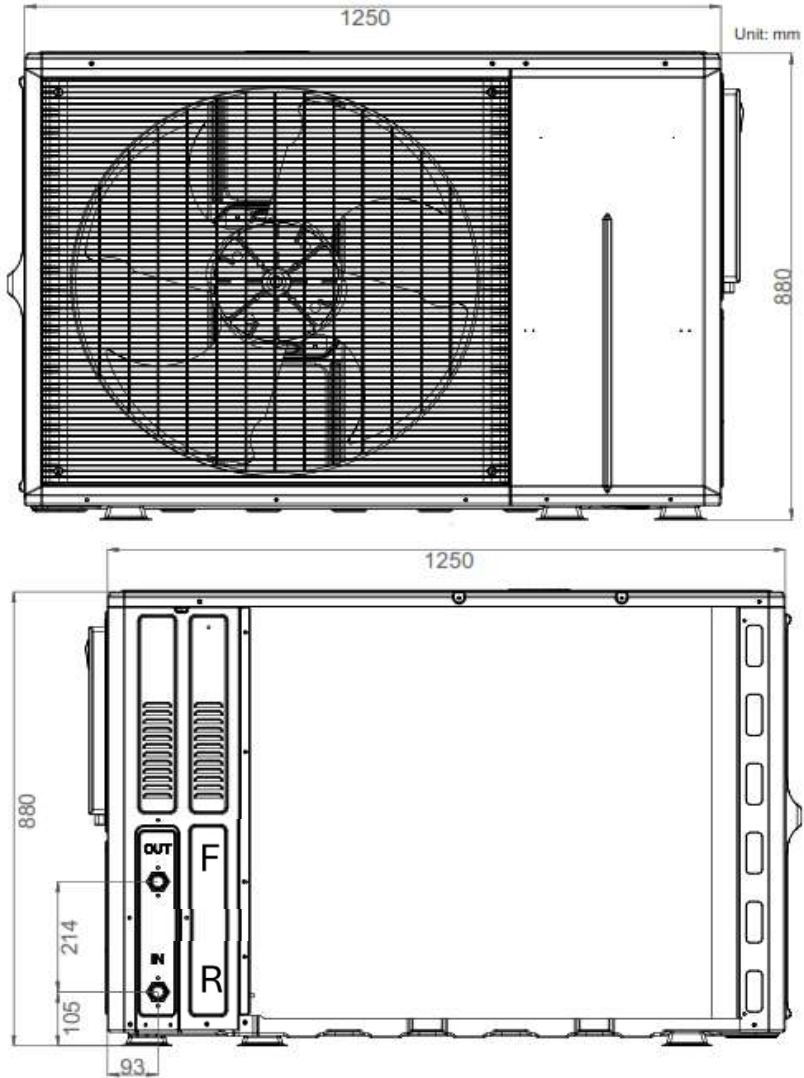
1. HP Must be at least 1 meter from any door.
2. HP must be at least 50 cm from any window.
3. HP must be greater than 1 meter from the waste gully (measured from the HP unit to the gully).
4. Condensate from the HP must discharge to a soak away under the unit or to a rainwater gully (not directly to a drain).

Note:
Maintain all clearances (1000mm) at all times.
Provide adequate soak away beneath the unit for condensate.
The HP drain does not require a separate gully; an existing or new gully is located exactly 1 meter from the HP.
No connecting pipe is shown.

4,6,8,10KW

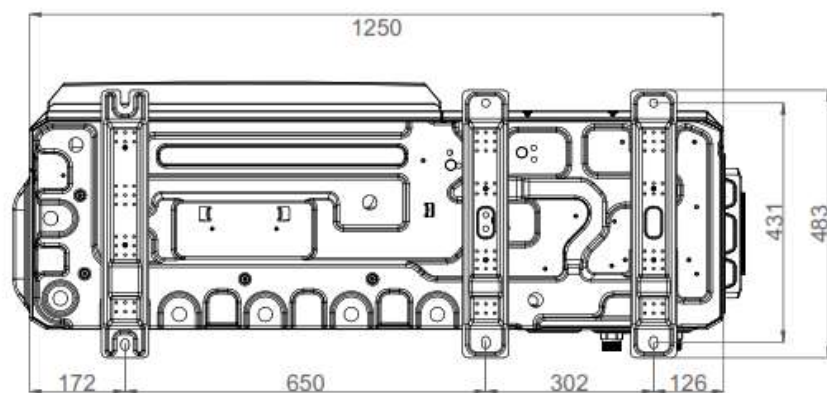


12,14,16KW



AW042HUGHA AW062HUGHA AW082HUGHA
AW102HUGHA AW10NHUGHA

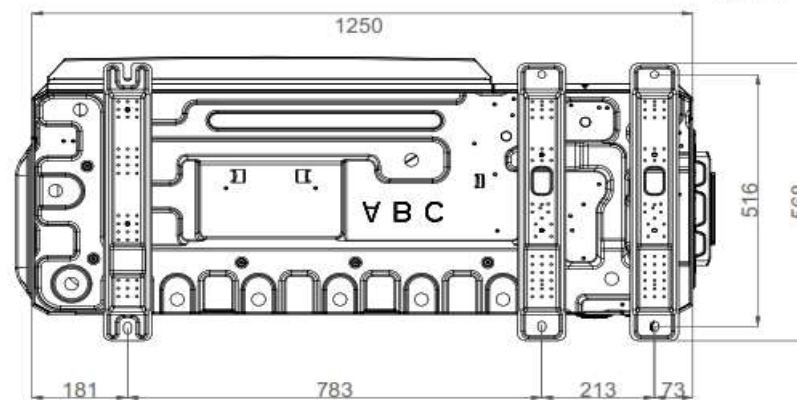
Unit: mm



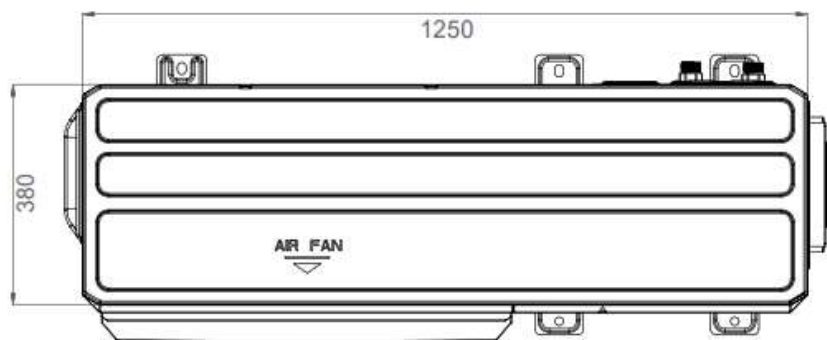
1.4M

AW122HVGHA AW142HVGHA AW162HVGHA
AW12NHVGHA AW14NHVGHA AW16NHVGHA

Unit: mm

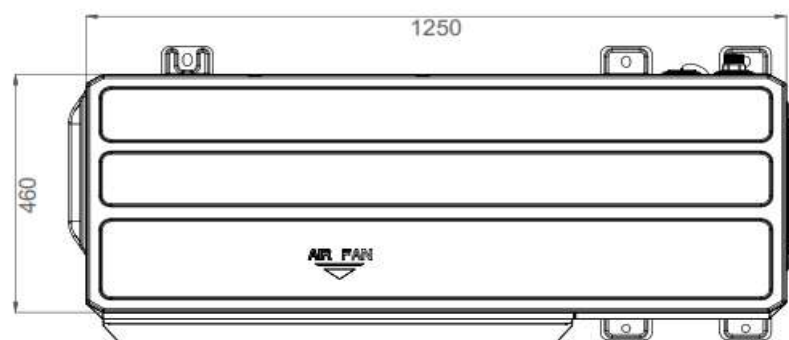


1.4 M



1M

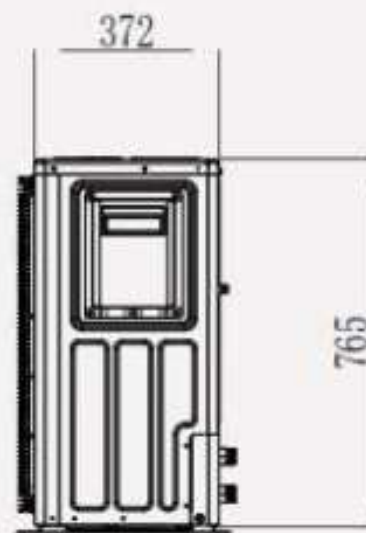
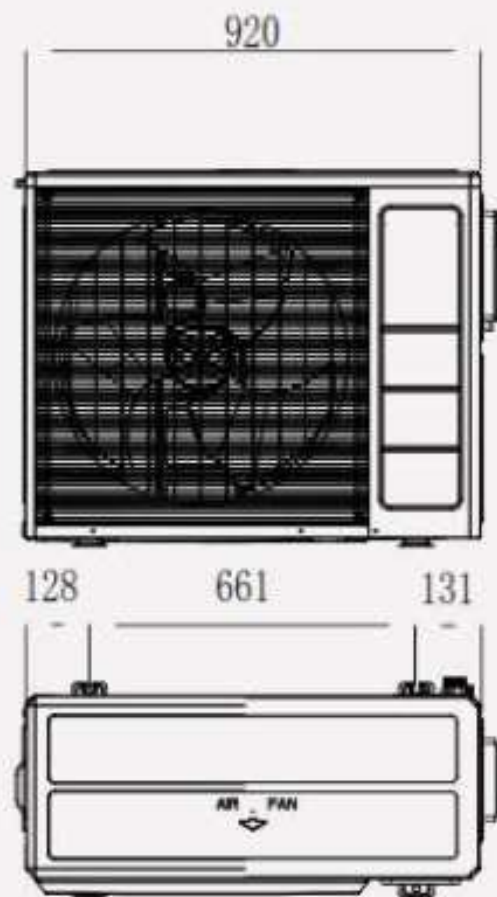
BASE

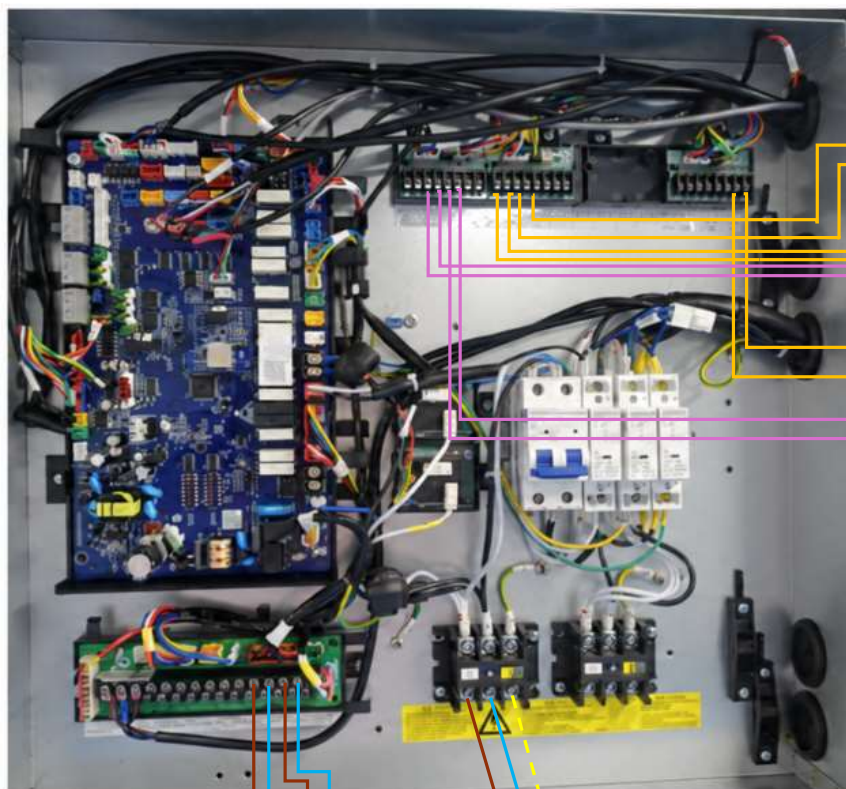


1M

BASE

MINI
AW032HSGHA
AW052HSGHA





All-in-One Unit

11L, 12N

Zone 1

13L, 14N

Zone 2

Power supply 240V ac
3 Amps if NOT using
immersion or backup
heater

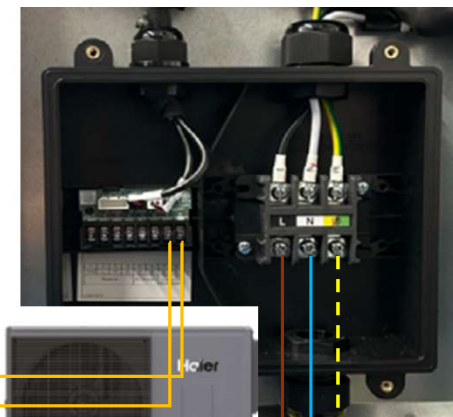
Tw-zone 2

Tw-zone 1

Volt free room
thermostat z1

Comms cable Cat 6

Volt free room
thermostat z2



Power supply 240V
ac XXXX Amps

Outdoor Installation

Electrical Requirements- Single Phase

Unit	kW Output	Recommended Breaker
AW032HSGHA	3.5	16A
AW042HUGHA	4	16A
AW052HSGHA	5	16A
AW062HUGHA	6	16A
AW082HUGHA	8	20A
AW102HUGHA	10	20A
AW122HUGHA	12	32A
AW142HUGHA	14	32A
AW162HUGHA	16	32A