



The Ambient Comfort range of heat pumps allow more advanced solutions in any domestic environment delivering both hydronic heating and cooling as well as domestic hot water. The Australian made range of AusGeothermal heat pumps are air to water heat pumps using inverter technology, ideal for standalone systems or combined with additional heat sources and equipment delivering hybrid systems.

**5 YEAR\***  
**WARRANTY**

## AMBIENT COMFORT

- Australian Made
- Vertical discharge fan
- Ideal for heating and cooling application
- BLDC Inverter compressor and EC modulating fan
- Compatible with Standard Thermostats / Modbus / BACnet / SNMP / BMS

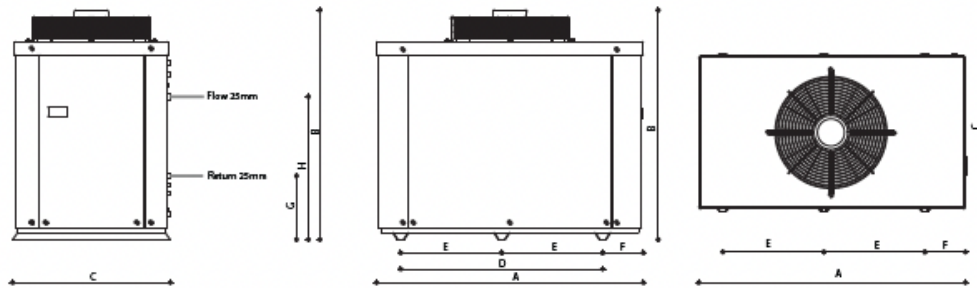


# AMBIENT COMFORT RANGE HEAT PUMP

## Outputs & Dimensions

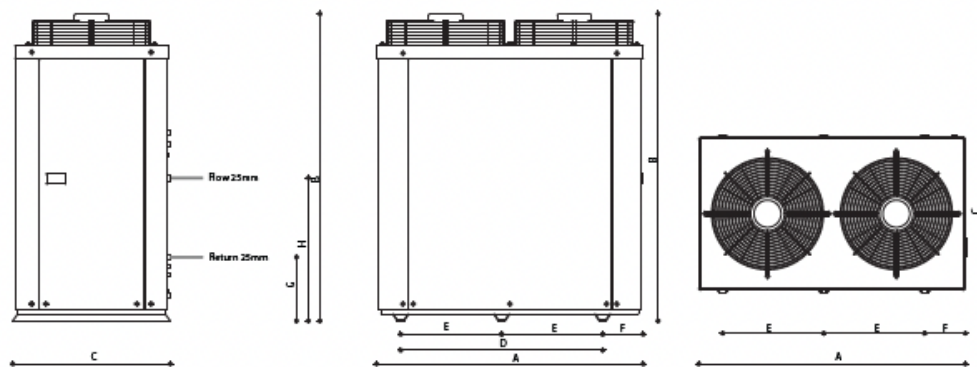
Technical data		AMBIENT COMFORT 12 SINGLE PHASE	AMBIENT COMFORT 12 3 PHASE	AMBIENT COMFORT 23 SINGLE PHASE	AMBIENT COMFORT 23 3 PHASE
Power Supply	V-ph-Hz	240 - 1 - 50	415 - 3 - 50	240 - 1 - 50	415 - 3 - 50
Heating Output (Nominal)	kW	12		21	
COP (A7/W35)		3.45		3.8	
Cooling Output (Nominal)	kW	10.5		18	
EER (A35/W18)		2.76		3.36	
Working Range - Heating	°C	-5 - 45			
Maximum Water Temperature	°C	60			
Refrigerant Gas		R410a @ 4.8kG		R410a @ 5.6kG	
Maximum Water Pressure	kPa	300			
Maximum Power Absorbed	kW	4.9		6.7	
Maximum Current Absorbed	Amps	20.4	11.8	27.9	16.2
Minimum Breaker Size	Amps	32	16	40	20
Expansion Vessel Volume	L	8			
Air Flow Rate	m <sup>3</sup> /h	4500		8000	
Sound Power Level	dB(A)	55		58	
Weight	kg	135		170	

### AMBIENT COMFORT 12



A	B	C	D	E	F	G	H
1185 mm	1020 mm	700 mm	898 mm	449 mm	180 mm	283 mm	635 mm

### AMBIENT COMFORT 23



A	B	C	D	E	F	G	H
1185 mm	1365 mm	700 mm	898 mm	449 mm	180 mm	283 mm	635 mm

\* Please contact Hydronic Heating NSW for terms & conditions.

