



**5 YEAR
WARRANTY***

The Arden Heat Pump range are an economical and environmental solution to your heating, cooling and domestic hot water requirements.

Able to produce water up to 75°C making them ideal for hydronic heating and domestic hot water production.

The units R290 refrigerant has a low GWP (Global Warming Potential) of 3, limiting its environmental impact.

WiFi smart controller and app allows for simple real time control and system diagnostics.

Utilising a full DC inverter compressor and fan motor minimising your energy consumption and saving costs while providing the heating and cooling you require.

Ambient operating temperatures from -25°C to 45°C so your home can be heated or cooled whenever you like.



Heating



Cooling



Hot Water



Heating &
Hot Water



Cooling &
Hot Water



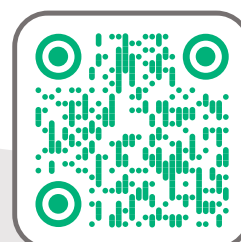
ARDEN Heat Pumps Pty Ltd

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View Product on our
website for more info

Arden 290 - BLN-12

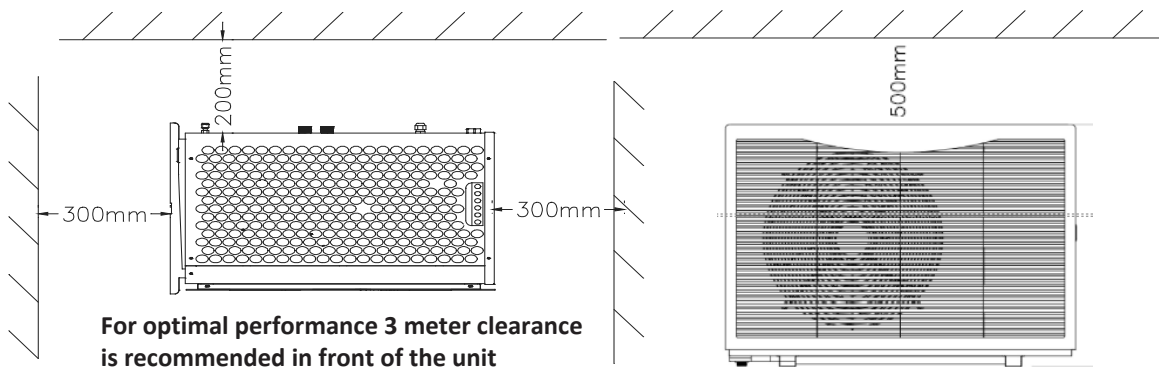
Technical Data

BLN-012TC1

BLN-012TC3

Power supply		V/Ph/Hz	220~240/1/50	380~415/3/50
Nominal Heating (Max) (A7/6°C,W30/35°C)	Heating capacity	kW	4.3~15.20	4.3~15.20
	Power input	kW	0.87~3.73	0.87~3.73
	Current input	A	4.02~16.38	1.78~6.04
Nominal Heating (Max) (A7/6°C,W47/55°C)	Heating capacity	kW	4.25~14.55	4.25~14.55
	Power input	kW	1.4~4.28	1.45~4.28
	Current input	A	6.71~18.8	2.84~6.78
Nominal Cooling (Max) (A35/24°C,W12/7°C)	Heating capacity	kW	3.65~11.04	3.65~1.04
	Power input	kW	1.12~3.97	1.12~3.97
	Current input	A	5.18~17.44	1.9~6.30
ERP level (Outlet water temp. at 35°C)		/	A+++	A+++
Max. input power		kW	5.40	5.85
Max. input current		A	25.0	10.0
Refrigerant		/	R290	R290
Rated water flow		m³/h	2.06	2.06
Fan quantity		/	1	1
Fan motor type		/	DC inverter	DC inverter
Compressor		/	DC inverter/Rotary	DC inverter/Rotary
Circulating pump		/	Inverter type / Built-in	Inverter type / Built-in
IP class		/	IPX4	IPX4
Sound pressure at 1m distance		dB(A)	50	50
Max outlet water temperature		°C	75	75
Water piping connections		/	DN 25 (1")	DN 25 (1")
Water pressure drop(max)		kPa	25	25
Operating temperature range (Heating mode)		°C	-25~45	-25~45
Operating temperature range (Cooling mode)		°C	16~45	16~45
Unpacked dimensions (LxDxH)		mm	1287*448*904	1287*448*904
Packed dimensions (LxDxH)		mm	1450*530*1050	1450*530*1050
Unpacked weight		kg	123	123
Packed weight		kg	138	138

Heat Pump Installation Spacing for Maintenance and Performance



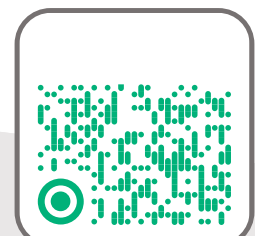
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