



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.

At a 42dB(A) level at 1.0m (Library noise, bird calls 44 dB) the ARDEN is one of the quietest units on the market allowing easy positioning of the unit.

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.

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



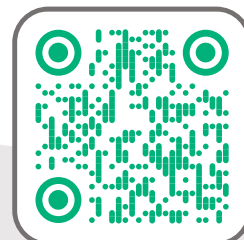
ARDEN Heat Pumps Pty Ltd

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View Product on our website for more info

Arden 290 - BLN-18

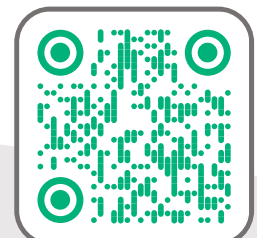
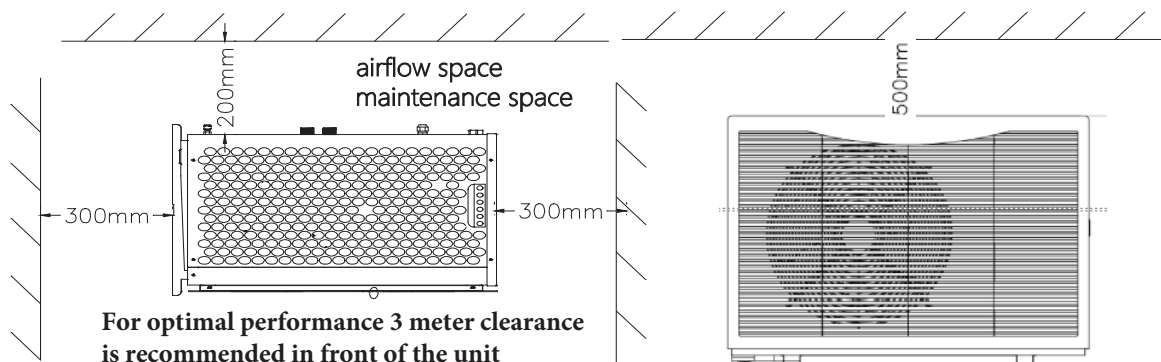
Technical Data

BLN-018TC1

BLN-018TC3

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	7.24 - 21.9
	Power input	kW	7.24~ 21.9
	Current input	A	1.5~5.88
			6.86 - 30.25
Nominal Heating (Max) (A7/6°C,W47/55°C)	Heating capacity	kW	6.36~19.45
	Power input	kW	6.36~19.45
	Current input	A	2.15~6.85
			9.84~30.12
Nominal Cooling (Max) (A35/24°C,W12/7°C)	Heating capacity	kW	4.55~17.20
	Power input	kW	4.55~17.20
	Current input	A	1.85~7.31
			8.47~32.1
ERP level (Outlet water temp. at 35°C)	/	A+++	A+++
Max. input power	kW	7.50	10.5
Max. input current	A	35.00	17.00
Refrigerant	/	R290	R290
Rated water flow	m ³ /h	3.10	3.10
Fan quantity	/	2	2
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)	55	55
Max outlet water temperature	°C	75	75
Water piping connections	/	DN 32 (1-1/4")	DN 32 (1-1/4")
Water pressure drop(max)	kPa	55	55
Operating temperature range (Heating mode)	°C	-25~45	-25~45
Operating temperature range (Cooling mode)	°C	16~45	16~45
Unpacked dimensions (L□D□H)	mm	1187*448*1456	1187*448*1456
Packed dimensions (L□D□H)	mm	1450*530*1450	1450*530*1450
Unpacked weight	kg	184	184
Packed weight	kg	199	199

Heat Pump Installation Space



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