

AriaPRO

Air source heat pump

RANGE 4KW - 6KW - 8KW
12KW - 15KW

—
IDEAL FOR UNDERFLOOR
HEATING

—
INVERTER DRIVEN
TECHNOLOGY

—
COMPATIBLE WITH VOKERA
ZENITH SOLAR THERMAL



AriaPRO

Air source heat pump



INTEGRATED
MODULE
FOR EASY
INSTALLATION

LATEST INVERTER
DRIVEN
TECHNOLOGY



IDEAL FOR
UNDERFLOOR
HEATING

NO F GAS
CERTIFICATION
REQUIRED TO
INSTALL

SPECIFICATIONS	AriaPRO 4kW	AriaPRO 6kW	AriaPRO 8kW	AriaPRO 12kW	AriaPRO 15kW
Product order code	20033107	20033108	20033109	20033110	20033111
Co-efficient of Performance (1)*					
Nominal capacity (kW)	4.1	5.8	7.2	11.9	14.5
Power input (kW)	1.01	1.37	1.84	3.04	3.57
CoP 0/35°C	4.06	4.24	3.95	3.94	4.06
Energy class	A	A	B	B	A
Co-efficient of Performance (2)* Typical UK and Ireland conditions					
Nominal capacity (kW)	3.9	5.8	7.4	12.95	14.5
Power input (kW)	1.21	1.93	2.34	4.3	4.36
CoP 0/45°C	3.2	3.01	3.16	3.01	3.21
Energy class	A	B	B	B	B
Dimensions and weights					
Height (mm)	821	821	821	1363	1363
Width (mm)	908	908	908	908	908
Depth (mm)	350	350	350	350	350
Empty weight (kg)	61	61	71	105	105
Sound levels					
Sound pressure** (db)	42	42	44	47	48
Electrical					
Voltage (V/Hz)	230/50	230/50	230/50	230/50	230/50
Voltage range (V)	207 / 254				

* MCS approval underway

CoP (1) - outside air +7°C / water 30-35°C.

CoP (2) - outside air +7°C / water 40-45°C.

** Sound pressure measured in a hemispheric field 4 meters in front of the fan.

PRE SALES SUPPORT FOR ARIAPRO

Vokèra Pre Sales support offers practical, sound advice and will advise you if a solution is not fit for purpose, ensuring the correct products are recommended for the application.

Pre Sales support service is available for all renewable technology installations, domestic and light commercial condensing gas appliances and any integrated technology heating solution.

Email: pre-sales@vokera.co.uk

A Vokèra boiler and AquaFlow water cylinder can be teamed with the AriaPRO air source heat pump to make up any differential in heat requirements, ensuring maximum end user comfort.

MCS approval underway so will be eligible for the Renewable Heat Incentive (RHI) and Renewable Heat Premium Payments (RHPP) when installed by an MCS approved installer.

Extracts heat from ambient air, even when outside temperature is below 0°C. The extracted warmth is then transferred to a heat exchanger that heats the central heating and domestic hot water in a traditional way.

Co-efficient of Performance (CoP) of up to 4.2 i.e. 1.0kW of electrical energy required to generate 4.2kW of heat output (£1 of electricity can provide over £4 of heat) at EN 14511 reference conditions.

Designed for a simple installation as the integrated hydronic module requires the addition of only a few external components.

Mono-block design means that the refrigerant circuit is located in the outdoor equipment only, enabling the AriaPRO to remain outside the scope of the F-Gas directive for installation; so no F-Gas certification is necessary to install the product.

Both central heating and domestic hot water can be provided when connected to a water cylinder.

Latest inverter driven technology which fully modulates the compressor speed, eliminating fluctuations in compressor activity which maintains a constant water temperature and increases efficiency.

Multiple frost protection circuits protect the appliance during periods of cold weather and eliminates the possibility of compressor malfunction.

The Vokèra heat pump system can incorporate Vokèra Zenith Solar thermal to further minimise reliance on fossil fuels.

Compatible with most Vokèra boilers. Boiler can make up any differential in heat requirement, maximising end user comfort.

Sited outside a property without the requirement for extensive installation preparation.

Flexible application, suitable for both new build and retrofit applications.

Effective in outside air temperatures ranging from -20°C to +30°C.

Flow outlet temperature ranging +7°C to +60°C, making the AriaPRO ideal for a number of domestic applications including underfloor heating, central heating and domestic hot water.

Electronically controlled variable speed helical fan ensures exceptionally low noise levels as low as 42 dBA. (4 and 6kW outputs).

Registered Address: Vokèra Ltd Borderlake House, Unit 7 Riverside Industrial Estate, London Colney, AL2 1HG

Email: enquiries@vokera.co.uk Web: www.vokera.co.uk

Tel: 0844 391 0999 Fax: 0844 391 0998

Vokèra Ireland West Court, Callan, Co Kilkenny

Tel: 056 7755057 Fax: 056 7755060

Vokèra Limited reserve the right to change specification without prior notice. Consumers statutory rights are not affected. A Riello Group Company.
Company Reg No.: 1047779

Issue1 6/11 cm131