

Verve

High power domestic system boiler

47KW BOILER

ERP CLASS A

RADIAL HEAT EXCHANGER



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SPECIFICATIONS	Verve
Product order code	20102705
Central Heating	
Heat input (kW)	47
Maximum heat output @ 80/60°C (kW)	45.8
Maximum heat output @ 50/30°C (kW)	49.9
Dimensions	
Height (mm)	764
Width (mm)	553
Depth (mm)	283
Weight	
Dry weight (kg)	39
Connection	
Flow & return	1½"
Gas	22mm
Safety valve	15mm
Condense	21mm
Electrical	
Voltage (V/Hz)	230/50
Flue Details (concentric)	
Maximum horizontal flue length (60/100mm)	1.85m
Maximum vertical flue length (60/100mm)	2.85m
Maximum horizontal flue length (80/125mm)	4.85m
Maximum vertical flue length (80/125mm)	7.0m
Flue Details (twin pipes)	
Maximum horizontal flue length (80mm/80mm)	20m/20m
Maximum vertical flue length (80mm/80mm)	20m/20m
Efficiency	
ErP seasonal space heating energy efficiency (class/%)	A/92
SAP 2009 efficiency (%)	88.9
NOx class	5

ENERGY SAVING CONTROLS AND OPTIONS	
Description	Code
Hydraulic separator (recommended)	20028475
3 way valve kit for DHW	20028476
B23 kit	20028478
Flue kit adaptor 80/80 - 60/100	20028027
Flue kit adaptor 80/80 - 80/125	20028029
24 litre expansion vessel	20043324
OpenTherm RF programmable room thermostat ²⁾	20050690
Weather compensation sensor ¹⁾	2359259
Condense Pump	404
Magnetic filter	29450199

¹⁾ Subject to registration and annual service. ²⁾ Contact Vokèra Technical Helpline for advice



Fully compliant with the Energy-related Products Directive. Further savings can be achieved when installed with a weather compensation sensor or OpenTherm control.

Can be cascaded up to 200kW in wall hung, free standing linear or back to back installations. See the Vokèra commercial catalogue for more information and example configurations.

2 year parts and labour warranty.¹⁾

Familiar characteristics to domestic boilers with a large output, enabling it to be installed in large domestic homes or small commercial properties.

Optional hydraulic separator enables the installer to separate the boiler from heating system.

Vokèra strongly recommends the addition of the optional hydraulic separator to ensure that the boiler operates at the required flow-rate, reducing component wear and tear and prevents nuisance shut down.

Isolating valve kit supplied as standard for simple servicing. The flow and return valve kit that enables the boiler to be isolated from the circuit – whether sealed or open vent – eliminates any need to drain the whole system during servicing.

Addition of the optional three port valve enables the installer to configure different system circuits, including space heating, hot water and low temperature underfloor heating.

Vokèra's unique radial design heat exchanger utilises an extruded aluminium alloy. Aluminium has excellent thermal transfer properties and our updated design incorporates a new profile that inhibits the build up of condense residues, thereby significantly reducing the frequency of cleaning.

The Verve comes with 80mm twin flue outlet allowing the flue to run up to 20m but can easily be converted to a 60/100mm concentric flue or 80/125mm concentric flue, making installations extremely flexible.

Incorporates Vokèra's Cyclonic Separator, providing a significant improvement in the effectiveness of the 'air separator' and can also capture particulates from the system water.

Simple installation with the Verve operating on a standard domestic gas supply, reducing installation preparation.

Low NOx - Class 5 performance.

Combustion analysis test point for easy servicing and maintenance.

Built-in SARA function for improved efficiency, anti-cycling for longer lasting component performance, frost protection and CO mode for simple servicing.

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