

Verve

47kW High power domestic system boiler

RANGE 47KW

90.8% EFFICIENT

ALUMINIUM
HEAT EXCHANGER



Verve

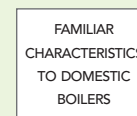
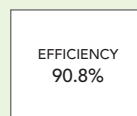
High power 47kW domestic system boiler

SPECIFICATIONS	Verve
Product order code	20039783
Central Heating	
Heat input (kW)	47.00
Maximum heat output (kW) 60/80 °C	45.78
Maximum heat output (kW) 30/50 °C	49.91
Weight	
Dry weight (kg)	39
Dimensions	
Height (mm)	858mm
Width (mm)	553mm
Depth (mm)	284mm
Clearances	
Sides	100mm
Top	200mm
Bottom	200mm
Front	600mm
Connections	
Flow and Return	1.0"
Gas	22mm
Safety Valve	15mm
Condense	21mm
Flue Details (concentric and twin)	
Maximum horizontal flue length (60mm/100mm)	1.8m
Maximum vertical flue length (60mm/100mm)	2.8m
Maximum horizontal flue length (80/125mm)	4.8m
Maximum vertical flue length (80/125mm)	7.0m
Maximum horizontal flue length (80mm/80mm)	20m/20m
Maximum vertical flue length (80mm/80mm)	20m/20m
Efficiency	
Efficiency* (%)	90.8
NOx class	5

*SEDBUK / HARP 2005

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
24l expansion vessel	20043324
Condense Pump	404

⁽¹⁾Contact Vokèra Technical Helpline for advice



90.8% energy efficiency rating reduces running costs by up to 35% more than a conventional boiler, helping to safeguard the environment.

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, ensuring compatibility with both new and existing heating systems.

Vokèra strongly recommended 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 3 port valve enables the installer to configure different system circuits, including space heating, hot water and low temperature underfloor heating.

New unique radial aluminium heat exchanger from Riello provides excellent thermal transfer and anti-corrosion properties. New design reduces possibility of condense residue build up prolonging the need to clean the component.

Boiler comes with 80mm twin flue outlet allowing the flue to run to go 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 recently introduced 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.

Can be converted to LPG with LPG Kit.

Built-in thermo-regulation, attach an energy saving control⁽¹⁾ to increase energy efficiency. Compatible with weather compensation sensor and OpenTherm RF control.

No internal expansion vessel but a 24 litre expansion vessel is available as an optional extra and is adequate for most systems.

Compatible with Vokèra's MCS accredited Zenith Solar thermal collectors.

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