



BEAUMONT
DESIGNED FOR A LIFETIME OF
RELIABILITY & EFFICIENCY

V SERIES HOT WATER GENERATORS

WITH ATMOSPHERIC
GAS BURNERS

- Stainless steel heat exchanger
- No fragile glass lining
- No cathodic protection required
- 79% thermal transmission efficiency
- Feed diffusion plate
- Close control of flow temperature
- No stratification



APPLICATIONS

Schools and Halls of Residence.

Restaurants and Kitchens.

Sports centres.

Factory washrooms and showers.

Holiday camps and Caravan parks.

Hotels and Motels.

Hospitals and Nursing homes.

Blocks of flats

*...and wherever low cost, reliable,
on-demand hot water is required.*

SAMPLE SPECIFICATION

"Model VE200 vertical direct fired hot water generator with atmospheric gas burner and electronic ignition having an output of 58.6kW, nominal storage of 287 litres and a recovery rate of 1120 l/h through a 45° rise. Complete with electronic digital thermostat and burner controls and shunt pump assembly. All as manufactured by Beaumont (UK) Ltd".



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THE BEAUMONT V SERIES

Vertical atmospheric water heaters for a natural gas or L.P.G. and available with either permanent pilot, or electronic ignition for BEMS compatibility.

LONG LIFE

The heat exchanger, body and patented feed diffusion plate are manufactured from stainless steel, which does not need further coating or treatment to extend the life expectancy. The feed diffusion plate ensures even temperature distribution throughout the stored volume and minimises scale accumulation.

The Beaumont V series do not need cathodic protection and consequently are cheaper to run and maintain. Regular servicing by Beaumont trained engineers ensures a length of service unsurpassed by other makes of vertical water heater.

LONGER LIFE

These units will continue to operate long after the payback period has gone and even then they can be completely refurbished at a fraction of the cost of replacement, extending their life further still.

EFFICIENT OPERATION

The output water temperature is closely controlled by the integral digital electronic thermostat. By maintaining the recommended minimum flow through the unit, stratification is eliminated, thereby ensuring all the stored volume is available all the time at the set temperature, which is not the case with the alternatives where stratification is allowed to occur.

TECHNICAL DATA (SI UNITS)				
Output	kW	29.3	58.6	87.9
Permanent Pilot models	Nat. Gas L.P.G	V100 VL100	V200 VL200	V300 VL300
Electronic Ignition models	Nat. Gas L.P.G	VE100 VLE100	VE200 VLE200	VE300 VLE300
Special Units		VS100	VS200	VS300
Recovery @ 45°C	Litres/h	560	1,120	1,680
Nominal Storage	litres	314	287	255
Input	kW	37.3	75.1	111.3
Gas Input	m ² /h	3.5	7.0	10.4
Gas connection	B.S.P	3/4"	3/4"	3/4"
Max. static head (water)	m	100	100	100
Min. static head (water)	m	1.5	1.5	1.5
Max. operating pressure	bar	10.3	10.3	10.3
Flow connection	B.S.P	1 1/2"	1 1/2"	1 1/2"
Secondary return conn.	B.S.P	3/4"	3/4"	3/4"
Cold feed connection	B.S.P	1 1/2"	1 1/2"	1 1/2"
Nominal flue size	mm	200	200	200
Electrical supply		220/240V 1ph 50hz - 5amp		