



Delta FV/MV

Floor standing combination boiler – simultaneously meets the heating and hot water requirements of modern life.

Benefits

This high efficiency sealed system boiler incorporates a modulating air/gas premix burner that continually adjusts output to the heating demand and supplies its full power for the hot water requirements (version MV). With high efficiency and energy savings, the FV/MV Delta delivers ease of use for you and easy maintenance for your installer.

- **Balanced flue** combined boiler and water heater
- High efficiency
- Stainless steel Tank-in-Tank design
- Choice of burner:
 - BG2000-M Low-NOx premix modulating gas or LPG
 - BMV pressure jet 28 sec oil (kerosene)
- Choice of 3 flue options
 - vertical or horizontal (all models)
 - twin-tube parallel (gas/LPG only)
- Easy to maintain, with no requirement for flue removal during servicing
- Anti-Legionellae: hot water stored at a consistently high temperature
- Fully insulated with rigid polyurethane foam
- Stove enamelled casing
- Can be used in battery formation for high output installations
- Vented or unvented use, with mains pressure SystemPaks available
- Primary heating sealed system kits also available



BMV1 and BMV2 Oil Burners

These burners set new standards in oil burner technology. Operating with a transparent flame and a NOx output less than 120 mg/kWh and with low noise levels, they allow easy commissioning and maintenance and offer exceptional efficiency.



BG 2000-MV Low NOx air/gas premix burners are outstanding not only for their eco-friendly design but also for their incredibly silent operation. They are fitted with automatic ignition and an ionisation flame detector.

Technical Data

		Delta FV35	Delta MV35
Fuel		Oil	Natural gas/LPG
Burner options	Type	BMV1	BG2000-M/35
Input	kW	34.9	10 - 34.9
Output	kW	32.62	9.5 - 32
Primary capacity	L	62	62
Total capacity	L	127	127
Heating surface area	m ²	1.99	1.99
Primary circuit pressure drop	mbar	30	30
DHW connection (male BSP)	Ø	¾"	¾"
Primary connection (female BSP)	Ø	1"	1"
Flue connection	Ø mm	80/125	80/125
Weight empty	kg	182	182
Weight full	kg	309	309
Gas flow rate	m ³ /h	n/a	1.06 - 3.7
LPG flow rate	m ³ /h	n/a	0.41 - 1.43
Oil flow rate	kg/h	2.95	n/a
Maximum operating temperature	°C	90	90

Maximum operating pressure Primary: 3 bar Secondary: 10 bar

Performance Data

		Delta FV35	Delta MV35
Litres in first 10 minutes	40°C	283	291
Litres in first 10 minutes	60°C	151	151
Litres in first hour	40°C	1024	1044
Litres in first hour	60°C	598	598
Continuous flow 40°C	Ltrs/hr	920	915
Continuous flow 60°C	Ltrs/hr	513	513
Reheat time to 60°C	Min	20	20

Note: The above performances are based on the hot water being blended at point of use, with a boiler temperature of 80°C and a domestic cold water inlet of 10°C.

Dimensions

