



3. Technical specifications

3.1 Technical data

Product Name	FBM 25 ECO 3KW	FBM 45 ECO 3KW	FBM 70 ECO 3KW	FBM 120 ECO 3KW
Product Code	95040300	95040301	95040302	95040303
Electrical Rating	2.8kW at 230V 3.0kW at 240V	2.8kW at 230V 3.0kW at 240V	2.8kW at 230V 3.0kW at 240V	2.8kW at 230V 3.0kW at 240V
Maximum inlet pressure	1MPa (10bar) (145psi)	1MPa (10bar) (145psi)	1MPa (10bar) (145psi)	1MPa (10bar) (145psi)
Weight Empty kg	15	20	35	40
Weight Full kg	40	65	105	160
Capacity (Litres)	25	45	70	120
Heat up time (minutes)	30	50	80	135
Fill time (minutes)	3.5 at 7L/min	4 at 7L/min	6 at 12L/min	10 at 12L/min

Table 1: Technical data

Direct	FBM ECO			
Suppliers name or trade mark				
Supplier's model identifier	25L (3kW)	45L (3kW)	70L (3kW)	120L (3kW)
Storage volume V in litres	25.0	45.0	70.0	120.0
Mixed water at 40 °C V40 in litres	35	60	95.7	165.6
The declared load profile	S	M	M	M
The water heating energy efficiency class of the model	D	D	D	C
The water heating energy efficiency in %	31.2	35	34	37
The annual electricity consumption in kWh	594	1471	1521	1401
Daily fuel consumption Q _{lec} in kWh	2.88	6.95	7.25	6.54
Heat Loss	0.56	0.84	1.12	1.27
The thermostat temperature settings of the water heater, as placed on the market by the supplier	60°C			
Specific precautions that shall be taken when the water heater is assembled, installed or maintained	See pages 7 to 29			

Table 2: Technical fiche

Technical parameters in accordance with European Commission regulations 814/2013 and 812/2013