

Technical Specification of **BoilerMate SP** A-CLASS

Model	BMA SP 120	BMA SP 140	BMA SP 180	BMA SP 200	BMA SP 220
Height (mm)	960	1000	1042	1142	1300
Width (mm)	530	530	530	530	530
Depth (mm)	595	595	595	595	595
Min cupboard height (mm)	1710	1750	1792	1892	2050
Min cupboard width (mm)	630	630	630	630	630
Min cupboard depth (mm)	600	600	600	600	600
Pipe connections (mm)	22	22	22	28	28
Drain connections (R)	1/2"	1/2"	1/2"	1/2"	1/2"
Hot water flow rate (l/m) max	35	35	35	35	35
Typical boiler size (kw)	15	20	25	30	35
Max towel rail load (kw)	0.5	0.75	1.0	1.25	1.5
Bedrooms	1-3	2-3	2-4	3-5	4-6
Bathrooms	1	1	2	1 2	1 3 4
En-suite shower	1	2	1	4 2	4 2 0
Weight (empty) (kg)	49.4	51.8	54.2	56.5	60.8
Weight (full) (kg)	179.4	191.8	201.2	220.5	245.8

Notes:

1. The BoilerMate SP 225 appliance is suitable for use in larger properties because it produces the same 'peak hour output' as a typical 350-400 litre unvented cylinder.
2. For properties requiring the BMA 225 the incoming main should be 35mm MDPE and minimum 2 bar dynamic pressure.
3. Plastic F and E cistern will be supplied separately. Ball valve and float available as an option if required.
4. Unit is supplied on a 100mm high installation base (not included in appliance height dimensions, but included in cupboard heights).
5. Fully compatible with all UK domestic boilers capable of 82°C flow and 71°C return.
6. The flow rates are for a 35°C average temperature rise and assume recommended pressure and adequate flow to the appliance.
7. Bathroom towel rail connection in the appliance. The towel rail heating circuit connected to this connection and the boiler flow pipework will heat whenever the boiler is firing.
8. Maximum design output of towel rails/radiators as described in the manual.