

Model specifications MDC0012-02

Cylinder model	120		150		180		210		250	300	1000
Nominal dia. (mm)	475	545	475	545	475	545	475	545	545	545	920
Nominal capacity (L)	120		150		170		200		250	300	1000
ErP rating DIR	B		B		B		B		B	B	--
ErP rating IND	C	B	C	A	C	A	C	A	B	B	--
Standing loss* (kWh/24h)	0.68 1.39	0.68 1.20	0.68 1.56	0.68 1.63	0.68 1.75	0.68 1.66	0.68 2.09	0.68 - 1.75	0.68 - 2.18	0.68 2.09	1.02 - 5.69
Coil rating (IND ONLY)(kW)	12		15		19		21		21	21	--
Cylinder height (mm)	1225	900	1490	1085	1665	1198	1935	1394	1707	1930	2190
Full weights (kg)**											
Direct	148	162	185	187	208	207	240	252	300	359	1197
Indirect / Lite	152	165	190	195	214	215	247	255	304	360	--

*For SAP calculations, the larger (full charge) standing loss figure should be used.

**For cylinders with external heat exchangers fitted, add 5 kg to the full cylinder weight.

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Nominal dia. (mm)	475	545	475	545	475	545	475	545	545	545	920
Minimum reheat time (15 to 65 °C) - Direct	30 min	44 min	30 min	44 min	30 min	44 min	30 min	44 min	44 min	44 min	70 min
Minimum reheat time (15 to 65 °C) - Indirect	11 min								14 min	16 min	--
70% charge re-heat time (15 to 65 °C) - Direct	98 min		123 min		138 min		164 min		205 min	245 min	271 min
70% charge re-heat time (15 to 65 °C) - Ind / Lite	27 min		27 min		24 min		25 min		32 min	38 min	--
100% charge re-heat time (15 to 65 °C) - Direct	140 min		176 min		198 min		234 min		293 min	350 min	387 min
100% charge re-heat time (15 to 65 °C) - Ind / Lite	38 min		38 min		34 min		36 min		46 min	55 min	--



Lite variants do not stratify on charge and thus only produce useful hot water when charging to a minimum of 70%