

Standing Heat Loss Chart for Standard Vessels

Stainless Steel and Copper Cylinders, Vessels & Calorifiers

Size (Litres)	Diameter* (mm)	Shell Length* (mm)	Directives			
			EcoDesign (814/2013)		Energy Labelling (812/2013)	
			Standing Heat Loss (Watts)	Max Heat Loss Allowable in 2017 (Watts)	Energy Efficiency Class	Max Energy Efficiency Class Allowable in 2017
230	500	1270	49.5	90.6	B	C
270	500	1470	56.2	95.4	B	C
360	600	1370	63.0	104.7	B	C
450	600	1740	77.5	114.0	B	C
500	675	1470	75.2	116.0	B	C
550	675	1720	86.0	122.9		
600	750	1450	82.7	123.7		
700	750	1680	93.6	130.7		
800	750	1930	105.6	137.7		
900	750	2150	116.1	143.3	N/A	N/A
1000	900	1750	116.7	150.3		
1200	900	2050	133.7	159.7		
1500	1050	1950	150.1	174.2		
1750	1050	2175	164.8	181.8		
2000	1050	2400	179.4	189.0		

Carbon Steel & Copper-Lined Carbon Steel Cylinders, Vessels & Calorifiers

Size (Litres)	Diameter** (mm)	Shell Length** (mm)	Directives			
			EcoDesign (814/2013)		Energy Labelling (812/2013)	
			Standing Heat Loss (Watts)	Max Heat Loss Allowable in 2017 (Watts)	Energy Efficiency Class	Max Energy Efficiency Class Allowable in 2017
230	500	1270	49.5	90.6	B	C
270	600	1100	52.5	96.7	B	C
300	600	1200	56.4	99.8	B	C
360	600	1370	63.0	104.7	B	C
400	600	1540	69.7	109.1	B	C
450	600	1740	77.5	114.0	B	C
500	700	1470	78.0	118.8	B	C
550	700	1580	82.9	122.0		
600	700	1700	88.3	125.4		
700	700	2000	101.8	133.1		
800	800	1750	103.5	138.7		
900	800	1950	113.6	144.4	N/A	N/A
1000	900	1750	116.7	150.3		
1200	900	2050	133.7	159.7		
1500	1000	2060	149.5	172.1		
1750	1000	2380	169.4	182.0		
2000	1100	2280	180.1	191.4		

Please note the standing heat losses as shown above are based on each of the vessels supplied in complete form, IE supplied complete with with GMS factory fitted insulation, consisting of 75mm thick fibreglass mattresses secured to shell and enclosed in stucco aluminium sheet.

GMS Thermal Products Ltd are ISO 9001 approved

