



ΔT Represents the difference between the mean interior temperature and the mean exterior temperature.

U Value Calculator

Sample One

T_1 Mean	100°C	U	2.1 W/m ² ·K
T_2 Mean	44.5°C	ΔT	55.6°C
Heat Loss	11.3 W		

Sample Two

T_1 Mean	200°C	U	3.1 W/m ² ·K
T_2 Mean	80.0°C	ΔT	120.0°C
Heat Loss	36.3 W		

Sample Three

T_1 Mean	300°C	U	4.8 W/m ² ·K
T_2 Mean	134.0°C	ΔT	166.0°C
Heat Loss	77.3 W		

Sample Four

T_1 Mean	400°C	U	7.0 W/m ² ·K
T_2 Mean	197.0°C	ΔT	203.0°C
Heat Loss	137.3 W		

Sample Five

T_1 Mean	500°C	U	10.4 W/m ² ·K
T_2 Mean	284.6°C	ΔT	215.4°C
Heat Loss	217.9 W		