

BTU ANALYSIS FOR L&L EQUAD-PRO KILNS FOR HVAC CALCULATIONS

These tables can be used to calculate maximum BTU output into a room when firing a kiln at various temperatures. It is meant for HVAC calculations.

The following table is for eQuad-Pro kilns with 3" thick brick:

MODEL NUMBER	INTERIOR DIMENSIONS		CUBIC FEET	K.W	Total Internal	Total Internal	Watts per internal	Total BTU loss/Hr	Total BTU loss/Hr	Total BTU loss/Hr
	DIAM	HIGH			Sq Feet	Sq Inches	Sq Inch	at 1800F	at 2000F	at 2350F
eQ2827-3	28	27	10.2	13.7	26.5	3813	3.59	13928	16285	20204
eQ2836-3	28	36	13.6	18.2	32.3	4650	3.91	16985	19859	24639

BTU'S HEAT LOSS PER SQ FT PER HOUR AT 1800 DEGF:	526	BTU's per Square Foot per hour with 3" brick
BTU'S HEAT LOSS PER SQ FT PER HOUR AT 2000 DEGF:	615	BTU's per Square Foot per hour with 3" brick
BTU'S HEAT LOSS PER SQ FT PER HOUR AT 22350 DEGF:	763	BTU's per Square Foot per hour with 3" brick