

NATURAL CONVECTION AIR HEATING

HEATER TYPE	SHEATH MATERIAL	MAX. WATT DENSITY AT THE FOLLOWING TEMPERATURES					
		70° F (21° C)		200° F (93° C)		500° F (260° C)	
		w/sq. in.	w/sq. cm.	w/sq. in.	w/sq. cm.	w/sq. in.	w/sq. cm.
Tubular	Stainless Steel	35	5.4	34	5.3	31	4.8
Tubular	Incoloy®	35	5.4	34	5.3	31	4.8
Finned Tubular	Steel	38	5.9	29	4.5	13	2.0
Finned Tubular	Stainless Steel	58	9.0	52	8.1	13	2.0
Strip	Steel	10	1.6	9	1.4	6	0.9
Strip	Stainless Steel	14	2.2	13	2.0	9	1.4
Finned Strip	Steel	15	2.3	14	2.2	10	1.6
Finned Strip	Stainless Steel	20	3.1	18	2.8	12	1.9