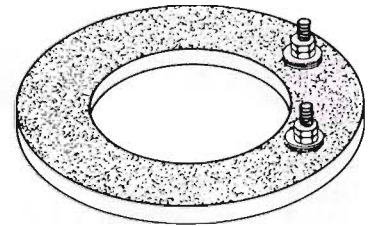


HELIOS RING HEATERS

RING HEATERS

Ring elements provide a versatile, robust and dependable conductive heat source which is ideally suited for clamp – on applications where an even spread of heat on a flat surface is required.



CONSTRUCTION

A high quality nickel-chrome resistance wire is uniformly spaced and embedded in a refractory material which both insulates the wire, provides fast heat transfer and maximum efficiency. The refractory is compressed in a chrome steel sheath ensuring high levels of reliability and robustness.

INSTALLATION

Heaters may be held in position by means of standard pressed clamp plates listed below.

AVAILABILITY

Standard Ring Elements – All are available ex stock.

Voltages - 240

Wattages - as listed.

Terminals - A00, A15, No 6.32 thread, others 10.32 thread

Terminal Protection - 12 mm (1/2")

Thickness - A00, A15, 6 mm (1/4")

Others - 8 mm (5/16")

CATALOGUE No.	DIMENSIONS				WATTAGE		USE CLAMP DIA
	Outside Dia		Inside Dia		30 kW/m2 (20w/in2)	40 kW/m2 25 w/in2)	
	mm	ins	mm	ins			
A00	63	2 ¹⁵ / ₃₂	22	7/ ₈		200	–
A15	89	3 ¹ / ₂	22	7/ ₈	350		61
A20	101	3 ³¹ / ₃₂	43	1 ¹¹ / ₁₆	400		83
A30	117	4 ⁵ / ₈	57	2 ¹ / ₄	500		83
A40	138	5 ⁷ / ₁₆	76	3		800	115
A60	167	6 ¹⁹ / ₃₂	114	4 ¹ / ₂		900	138
A65	156	6 ¹ / ₈	92	3 ⁵ / ₈		1100	128
A80	213	8 ³ / ₈	157	6 ³ / ₁₆		1250	191

NESTING –

Nesting heaters one inside the other is possible in the following combinations.

- A00 goes inside A40, A60, A65 and A80
- A15 goes inside A60 and A80
- A20 goes inside A60 and A80
- A30 goes inside A80
- A40 goes inside A80
- A65 goes inside A80