

## Finned Air Heater Elements - AMS Type

### Sheath Watts Density

124kW/m<sup>2</sup> (80W/in<sup>2</sup>)

Fin and sheath total 11kW/m<sup>2</sup> (7W/in<sup>2</sup>)

### Operating Temperatures

Maximum permissible temperature of element when operating is 400°C.

Minimum air velocity of 3 metres/sec through face area of duct is recommended if operated in accordance with AS/NZS 1668 Part 1.

### Construction

Continuous spiral Stainless Steel fin fitted to 8mm diameter Stainless Steel sheathed tubular element.

Diameter of fin 27mm.

Finning pitch 6.4mm.

### Finish

Stainless Steel

### Mounting

Bushes M16 thread at 13mm long.

Clearance hole of 18mm required.

Nuts and washers included.

ELEMENT MOUNTING DETAILS



STRAIGHT LENGTH			'U' FORM			'W' FORM			WEIGHTS
Part #	Watts	Max Reach	Part #	Watts	Max Reach	Part #	Watts	Max Reach	kg
AMS075S	750	334	AMS075U	750	164	AMS125W	1250	133	0.25
AMS100S	1000	415	AMS100U	1000	204	AMS150W	1500	155	0.3
AMS125S	1250	486	AMS125U	1250	240	AMS175W	1750	175	0.36
AMS150S	1500	574	AMS150U	1500	284	AMS200W	2000	188	0.4
AMS175S	1750	655	AMS175U	1750	324	AMS250W	2500	233	0.47
AMS200S	2000	722	AMS200U	2000	358	AMS300W	3000	275	0.5
AMS250S	2500	886	AMS250U	2500	440	AMS350W	3500	315	0.6
AMS300S	3000	1055	AMS300U	3000	524	AMS400W	4000	355	0.75
AMS350S	3500	1213	AMS350U	3500	603	AMS450W	4500	388	0.9
AMS400S	4000	1373	AMS400U	4000	683	AMS500W	5000	433	1.0
AMS450S	4500	1522	AMS450U	4500	758				1.1
AMS500S	5000	1686	AMS500U	5000	840				1.2

All dimensions are given in millimetres and elements are rated at 240V.  
Special sizes, voltages and wattages manufactured to suit your requirements.

