



Figure 217

Incoloy Elements

Steel Mounting Flange
 Steel Element Keeper
 Up to 750°F outlet air temperature
 2" insulation inside terminal box
 Keeper for element support
 Can be mounted in any position
 Up to 600 volts

Typically to heat:
 forced air
 ducted system

(specify voltage and 1 or 3 phase when ordering)

kw	A dim.	C dim.	catalogue number	net weight (lb)
6	6	4 1/2	PFI-3006	15
12	9	7 1/2	PFI-3012	32
18	12	10 1/2	PFI-3018	45
24	15	13 1/2	PFI-3024	65
30	18	16 1/2	PFI-3030	80
36	21	19 1/2	PFI-3036	95
42	24	22 1/2	PFI-3042	115
48	27	25 1/2	PFI-3048	130
54	30	28 1/2	PFI-3054	145
60	33	31 1/2	PFI-3060	160

Incoloy Elements

Stainless Steel Mounting Flange
 Stainless Steel Element Keeper
 Up to 1050°F outlet air temperature
 4" insulation inside terminal box
 Keeper for element support
 Can be mounted in any position
 All components in contact with hot air are stainless steel
 Up to 600 volts

Typically to heat:
 forced air
 ducted system

(specify voltage and 1 or 3 phase when ordering)

kw	A dim.	C dim.	catalogue number	net weight (lb)
4.5	6	4 1/2	PFIL-3004	15
9	9	7 1/2	PFIL-3009	32
12	12	10 1/2	PFIL-3012	45
18	15	13 1/2	PFIL-3018	65
22	18	16 1/2	PFIL-3022	80
26	21	19 1/2	PFIL-3026	95
32	24	22 1/2	PFIL-3032	115
36	27	25 1/2	PFIL-3036	130
40	30	28 1/2	PFIL-3040	145
45	33	31 1/2	PFIL-3045	160

$$kw = \frac{\text{scfm} \times \text{temperature rise } (^\circ\text{F})}{3000} \times 1.2$$

1.2 = 20% safety factor

kw = kilowatts

scfm = standard cubic feet per minute