

FLANGED IMMERSION HEATERS SEVERE CORROSIVE SOLUTION HEATING

- Incoloy 800 Elements
- 304 Stainless Steel Flange
- 15 watts/square inch

For use in solutions up to 50% concentration. Lower watt density and element & flange construction provide corrosion resistance

- See Watt Density and Operating Temperature Guideline (23T)
- See Corrosion Resistance of Sheath Materials (24T)

3" 150 LB ASA STAINLESS STEEL FLANGE					CATALOG NUMBERS	
KILOWATTS	VOLTS	PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 1	FIG. 2
2	240	1	1	18 $\frac{1}{8}$	K3A-3-0438-M1	K3A-3-0438-M7
2	240	3	1		K3A-3-0439-M1	K3A-3-0439-M7
2	480	1	1		K3A-3-0440-M1	K3A-3-0440-M7
2	480	3	1	23 $\frac{1}{8}$	K3A-3-0441-M1	K3A-3-0441-M7
3	240	1	1		K3A-3-0442-M1	K3A-3-0442-M7
3	240	3	1		K3A-3-0443-M1	K3A-3-0443-M7
3	480	1	1	33 $\frac{1}{8}$	K3A-3-0444-M1	K3A-3-0444-M7
3	480	3	1		K3A-3-0445-M1	K3A-3-0445-M7
4	240	1	1		K3A-3-0446-M1	K3A-3-0446-M7
4	240	3	1	48 $\frac{1}{8}$	K3A-3-0447-M1	K3A-3-0447-M7
4	480	1	1		K3A-3-0448-M1	K3A-3-0448-M7
4	480	3	1		K3A-3-0449-M1	K3A-3-0449-M7
6	480	1	1	48 $\frac{1}{8}$	K3A-3-0450-M1	K3A-3-0450-M7
6	480	3	1		K3A-3-0451-M1	K3A-3-0451-M7

4" 150 LB ASA STAINLESS STEEL FLANGE					CATALOG NUMBERS	
KILOWATTS	VOLTS	PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 3	FIG. 4
3	240	1	1	18	K4A-6-0168-M1	K4A-6-0168-M7
3	240	3	1		K4A-6-0169-M1	K4A-6-0169-M7
3	480	1	1		K4A-6-0170-M1	K4A-6-0170-M7
3	480	3	1		K4A-6-0171-M1	K4A-6-0171-M7
6	240	1	1	25 $\frac{1}{2}$	K4A-6-0172-M1	K4A-6-0172-M7
6	240	3	1		K4A-6-0173-M1	K4A-6-0173-M7
6	480	1	1		K4A-6-0174-M1	K4A-6-0174-M7
6	480	3	1		K4A-6-0175-M1	K4A-6-0175-M7
8	240	3	1	33	K4A-6-0176-M1	K4A-6-0176-M7
8	480	3	1		K4A-6-0177-M1	K4A-6-0177-M7
10	240	3	1	40 $\frac{1}{2}$	K4A-6-0178-M1	K4A-6-0178-M7
10	480	3	1		K4A-6-0179-M1	K4A-6-0179-M7
12	240	3	1	48	K4A-6-0180-M1	K4A-6-0180-M7
12	480	3	1		K4A-6-0181-M1	K4A-6-0181-M7

5" 150 LB ASA STAINLESS STEEL FLANGE				CATALOG NUMBERS	
KILOWATTS	VOLTS 3 PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 5	FIG. 6
6	240	1	25 $\frac{1}{8}$	K5A-6-0387-M1	K5A-6-0387-M7
6	480	1		K5A-6-0388-M1	K5A-6-0388-M7
8	240	1	33 $\frac{1}{8}$	K5A-6-0389-M1	K5A-6-0389-M7
8	480	1		K5A-6-0390-M1	K5A-6-0390-M7
10	240	1	40 $\frac{1}{8}$	K5A-6-0391-M1	K5A-6-0391-M7
10	480	1		K5A-6-0392-M1	K5A-6-0392-M7
13.5	240	1	52 $\frac{1}{8}$	K5A-6-0393-M1	K5A-6-0393-M7
13.5	480	1		K5A-6-0394-M1	K5A-6-0394-M7
17	240	1	65 $\frac{1}{8}$	K5A-6-0395-M1	K5A-6-0395-M7
17	480	1		K5A-6-0396-M1	K5A-6-0396-M7
20	240	1	78 $\frac{1}{8}$	K5A-6-0397-M1	K5A-6-0397-M7
20	480	1		K5A-6-0398-M1	K5A-6-0398-M7

6" 150 LB ASA STAINLESS STEEL FLANGE				CATALOG NUMBERS		
KILOWATTS	VOLTS 3 PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 7	FIG. 8	FIG. 9
12	240	1	25 $\frac{1}{2}$	K6A-12-0275-M1	K6A-12-0275-M5	K6A-12-0275-M6
12	480	1		K6A-12-0276-M1	K6A-12-0276-M5	K6A-12-0276-M6
16	240	1	33	K6A-12-0277-M1	K6A-12-0277-M5	K6A-12-0277-M6
16	480	1		K6A-12-0278-M1	K6A-12-0278-M5	K6A-12-0278-M6
20	240	1	40 $\frac{1}{2}$	K6A-12-0279-M1	K6A-12-0279-M5	K6A-12-0279-M6
20	480	1		K6A-12-0280-M1	K6A-12-0280-M5	K6A-12-0280-M6
24	240	2	48	K6A-12-0281-M1	K6A-12-0281-M5	K6A-12-0281-M6
24	480	1		K6A-12-0282-M1	K6A-12-0282-M5	K6A-12-0282-M6

INCOLOY ELEMENTS—304 Stainless steel flange—15 watts/square inch

8" 150 LB ASA STAINLESS STEEL FLANGE				CATALOG NUMBERS		
KILOWATTS	VOLTS 3 PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 10	FIG. 11	FIG. 12
20	240	1	32%	K8A-18-0222-M1	K8A-18-0222-M5	K8A-18-0222-M6
20	480	1		K8A-18-0223-M1	K8A-18-0223-M5	K8A-18-0223-M6
27	240	2	43 ¹ / ₆ %	K8A-18-0224-M1	K8A-18-0224-M5	K8A-18-0224-M6
27	480	1		K8A-18-0225-M1	K8A-18-0225-M5	K8A-18-0225-M6
34	240	2	51%	K8A-18-0226-M1	K8A-18-0226-M5	K8A-18-0226-M6
34	480	1		K8A-18-0227-M1	K8A-18-0227-M5	K8A-18-0227-M6

10" 150 LB ASA STAINLESS STEEL FLANGE				CATALOG NUMBERS		
KILOWATTS	VOLTS 3 PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 13	FIG. 14	FIG. 15
34	240	3	32	K10A-27-0175-M1	K10A-27-0175-M5	K10A-27-0175-M6
34	480	1		K10A-27-0176-M1	K10A-27-0176-M5	K10A-27-0176-M6
48	240	3	43 ¹ / ₆ %	K10A-27-0177-M1	K10A-27-0177-M5	K10A-27-0177-M6
48	480	3		K10A-27-0178-M1	K10A-27-0178-M5	K10A-27-0178-M6
58	240	3	51%	K10A-27-0179-M1	K10A-27-0179-M5	K10A-27-0179-M6
58	480	3		K10A-27-0180-M1	K10A-27-0180-M5	K10A-27-0180-M6
72	240	9	61%	K10A-27-0181-M1	K10A-27-0181-M5	K10A-27-0181-M6
72	480	3		K10A-27-0182-M1	K10A-27-0182-M5	K10A-27-0182-M6
80	240	9	69%	K10A-27-0183-M1	K10A-27-0183-M5	K10A-27-0183-M6
80	480	3		K10A-27-0184-M1	K10A-27-0184-M5	K10A-27-0184-M6
92	480	3	78%	K10A-27-0186-M1	K10A-27-0186-M5	K10A-27-0186-M6

12" 150 LB ASA STAINLESS STEEL FLANGE				CATALOG NUMBERS		
KILOWATTS	VOLTS 3 PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 16	FIG. 17	FIG. 18
44	240	3	32	K12A-36-0146-M1	K12A-36-0146-M5	K12A-36-0146-M6
44	480	2		K12A-36-0147-M1	K12A-36-0147-M5	K12A-36-0147-M6
65	240	3	43 ¹ / ₆ %	K12A-36-0148-M1	K12A-36-0148-M5	K12A-36-0148-M6
65	480	3		K12A-36-0149-M1	K12A-36-0149-M5	K12A-36-0149-M6
78	240	4	51%	K12A-36-0150-M1	K12A-36-0150-M5	K12A-36-0150-M6
78	480	3		K12A-36-0151-M1	K12A-36-0151-M5	K12A-36-0151-M6
95	480	3	61%	K12A-36-0153-M1	K12A-36-0153-M5	K12A-36-0153-M6
109	480	3	69%	K12A-36-0155-M1	K12A-36-0155-M5	K12A-36-0155-M6
123	480	4	78%	K12A-36-0157-M1	K12A-36-0157-M5	K12A-36-0157-M6

14" 150 LB ASA STAINLESS STEEL FLANGE				CATALOG NUMBERS		
KILOWATTS	VOLTS 3 PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 19	FIG. 20	FIG. 21
54	240	3	32	K14A-45-0152-M1	K14A-45-0152-M5	K14A-45-0152-M6
54	480	3		K14A-45-0153-M1	K14A-45-0153-M5	K14A-45-0153-M6
80	240	5	43 ¹ / ₆ %	K14A-45-0154-M1	K14A-45-0154-M5	K14A-45-0154-M6
80	480	3		K14A-45-0155-M1	K14A-45-0155-M5	K14A-45-0155-M6
100	480	3	51%	K14A-45-0157-M1	K14A-45-0157-M5	K14A-45-0157-M6
120	480	5	61%	K14A-45-0159-M1	K14A-45-0159-M5	K14A-45-0159-M6
135	480	5	69%	K14A-45-0161-M1	K14A-45-0161-M5	K14A-45-0161-M6
153	480	5	78%	K14A-45-0163-M1	K14A-45-0163-M5	K14A-45-0163-M6