

FLANGED IMMERSION HEATERS

MILD CORROSIVE SOLUTION HEATING

- 321 Stainless Steel Elements
- 22 watts/square inch

For use in corrosive solutions of less than 25% concentration

- Also can be used in heating air and certain gasses where sheath temperature will not exceed 1100° F
- See Watt Density and Operating Temperature Guideline (23T)
- See Corrosion Resistance of Sheath Materials (24T)

3" 150 LB ASA STEEL FLANGE					CATALOG NUMBERS	
KILOWATTS	VOLTS	PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 1	FIG. 2
3	240	1	1	18 $\frac{1}{16}$	K3A-3-0340-M1	K3A-3-0340-M7
3	240	3	1		K3A-3-0341-M1	K3A-3-0341-M7
3	480	1	1		K3A-3-0342-M1	K3A-3-0342-M7
3	480	3	1		K3A-3-0343-M1	K3A-3-0343-M7
4.5	240	1	1	25 $\frac{1}{16}$	K3A-3-0344-M1	K3A-3-0344-M7
4.5	240	3	1		K3A-3-0345-M1	K3A-3-0345-M7
4.5	480	1	1		K3A-3-0346-M1	K3A-3-0346-M7
4.5	480	3	1		K3A-3-0347-M1	K3A-3-0347-M7
6	240	1	1	33 $\frac{1}{16}$	K3A-3-0348-M1	K3A-3-0348-M7
6	240	3	1		K3A-3-0349-M1	K3A-3-0349-M7
6	480	1	1		K3A-3-0350-M1	K3A-3-0350-M7
6	480	3	1		K3A-3-0351-M1	K3A-3-0351-M7
9	480	1	1	48 $\frac{1}{16}$	K3A-3-0352-M1	K3A-3-0352-M7
9	480	3	1		K3A-3-0353-M1	K3A-3-0353-M7

4" 150 LB ASA STEEL FLANGE					CATALOG NUMBERS	
KILOWATTS	VOLTS	PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 3	FIG. 4
6	240	1	1	18	K4A-6-0132-M1	K4A-6-0132-M7
6	240	3	1		K4A-6-0133-M1	K4A-6-0133-M7
6	480	1	1		K4A-6-0134-M1	K4A-6-0134-M7
6	480	3	1		K4A-6-0135-M1	K4A-6-0135-M7
9	240	1	1	25 $\frac{1}{2}$	K4A-6-0136-M1	K4A-6-0136-M7
9	240	3	1		K4A-6-0137-M1	K4A-6-0137-M7
9	480	1	1		K4A-6-0138-M1	K4A-6-0138-M7
9	480	3	1		K4A-6-0139-M1	K4A-6-0139-M7
12	240	3	1	33	K4A-6-0140-M1	K4A-6-0140-M7
12	480	3	1		K4A-6-0141-M1	K4A-6-0141-M7
15	240	3	1	40 $\frac{1}{2}$	K4A-6-0142-M1	K4A-6-0142-M7
15	480	3	1		K4A-6-0143-M1	K4A-6-0143-M7
18	240	3	1	48	K4A-6-0144-M1	K4A-6-0144-M7
18	480	3	1		K4A-6-0145-M1	K4A-6-0145-M7
25	240	3	2	64 $\frac{1}{2}$	K4A-6-0146-M1	K4A-6-0146-M7
25	480	3	1		K4A-6-0147-M1	K4A-6-0147-M7
30	240	3	2	77	K4A-6-0148-M1	K4A-6-0148-M7
30	480	3	1		K4A-6-0149-M1	K4A-6-0149-M7

5" 150 LB ASA STEEL FLANGE				CATALOG NUMBERS	
KILOWATTS	VOLTS 3 PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 5	FIG. 6
9	240	1	25 $\frac{1}{16}$	K5A-6-0294-M1	K5A-6-0294-M7
9	480	1		K5A-6-0295-M1	K5A-6-0295-M7
12	240	1	33 $\frac{1}{16}$	K5A-6-0296-M1	K5A-6-0296-M7
12	480	1		K5A-6-0297-M1	K5A-6-0297-M7
15	240	1	40 $\frac{1}{16}$	K5A-6-0298-M1	K5A-6-0298-M7
15	480	1		K5A-6-0299-M1	K5A-6-0299-M7
20	240	2	52 $\frac{1}{16}$	K5A-6-0300-M1	K5A-6-0300-M7
20	480	1		K5A-6-0301-M1	K5A-6-0301-M7
25	240	2	65 $\frac{1}{16}$	K5A-6-0302-M1	K5A-6-0302-M7
25	480	1		K5A-6-0303-M1	K5A-6-0303-M7
30	240	2	78 $\frac{1}{16}$	K5A-6-0304-M1	K5A-6-0304-M7
30	480	1		K5A-6-0305-M1	K5A-6-0305-M7

STAINLESS STEEL ELEMENTS—22 watts/square inch

6" 150 LB ASA STEEL FLANGE				CATALOG NUMBERS		
KILOWATTS	VOLTS 3 PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 7	FIG. 8	FIG. 9
18	240	1	25%	K6A-12-0176-M1	K6A-12-0176-M5	K6A-12-0176-M6
18	480	1		K6A-12-0177-M1	K6A-12-0177-M5	K6A-12-0177-M6
24	240	2	33	K6A-12-0178-M1	K6A-12-0178-M5	K6A-12-0178-M6
24	480	1		K6A-12-0179-M1	K6A-12-0179-M5	K6A-12-0179-M6
30	240	2	40½	K6A-12-0180-M1	K6A-12-0180-M5	K6A-12-0180-M6
30	480	1		K6A-12-0181-M1	K6A-12-0181-M5	K6A-12-0181-M6
36	240	2	48	K6A-12-0182-M1	K6A-12-0182-M5	K6A-12-0182-M6
36	480	1		K6A-12-0183-M1	K6A-12-0183-M5	K6A-12-0183-M6

8" 150 LB ASA STEEL FLANGE				CATALOG NUMBERS		
KILOWATTS	VOLTS 3 PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 10	FIG. 11	FIG. 12
30	240	2	32%	K8A-18-0166-M1	K8A-18-0166-M5	K8A-18-0166-M6
30	480	1		K8A-18-0167-M1	K8A-18-0167-M5	K8A-18-0167-M6
40	240	2	43⅓%	K8A-18-0168-M1	K8A-18-0168-M5	K8A-18-0168-M6
40	480	1		K8A-18-0169-M1	K8A-18-0169-M5	K8A-18-0169-M6
50	240	3	51%	K8A-18-0170-M1	K8A-18-0170-M5	K8A-18-0170-M6
50	480	2		K8A-18-0171-M1	K8A-18-0171-M5	K8A-18-0171-M6

10" 150 LB ASA STEEL FLANGE				CATALOG NUMBERS		
KILOWATTS	VOLTS 3 PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 13	FIG. 14	FIG. 15
50	240	3	32	K10A-27-0110-M1	K10A-27-0110-M5	K10A-27-0110-M6
50	480	3		K10A-27-0111-M1	K10A-27-0111-M5	K10A-27-0111-M6
70	240	3	43⅓%	K10A-27-0112-M1	K10A-27-0112-M5	K10A-27-0112-M6
70	480	3		K10A-27-0113-M1	K10A-27-0113-M5	K10A-27-0113-M6
85	240	9	51%	K10A-27-0114-M1	K10A-27-0114-M5	K10A-27-0114-M6
85	480	3		K10A-27-0115-M1	K10A-27-0115-M5	K10A-27-0115-M6
105	480	3	61%	K10A-27-0117-M1	K10A-27-0117-M5	K10A-27-0117-M6
120	480	3	69%	K10A-27-0119-M1	K10A-27-0119-M5	K10A-27-0119-M6
135	480	9	78%	K10A-27-0121-M1	K10A-27-0121-M5	K10A-27-0121-M6

12" 150 LB ASA STEEL FLANGE				CATALOG NUMBERS		
KILOWATTS	VOLTS 3 PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 16	FIG. 17	FIG. 18
65	240	3	32	K12A-36-0094-M1	K12A-36-0094-M5	K12A-36-0094-M6
65	480	3		K12A-36-0095-M1	K12A-36-0095-M5	K12A-36-0095-M6
95	480	3	43⅓%	K12A-36-0097-M1	K12A-36-0097-M5	K12A-36-0097-M6
115	480	3	51%	K12A-36-0099-M1	K12A-36-0099-M5	K12A-36-0099-M6
140	480	4	61%	K12A-36-0101-M1	K12A-36-0101-M5	K12A-36-0101-M6
160	480	4	69%	K12A-36-0103-M1	K12A-36-0103-M5	K12A-36-0103-M6
180	480	6	78%	K12A-36-0105-M1	K12A-36-0105-M5	K12A-36-0105-M6

14" 150 LB ASA STEEL FLANGE				CATALOG NUMBERS		
KILOWATTS	VOLTS 3 PHASE	NUMBER OF CIRCUITS	B IMMERSION LENGTH	FIG. 19	FIG. 20	FIG. 21
80	240	5	32	K14A-45-0096-M1	K14A-45-0096-M5	K14A-45-0096-M6
80	480	3		K14A-45-0097-M1	K14A-45-0097-M5	K14A-45-0097-M6
120	480	5	43⅓%	K14A-45-0099-M1	K14A-45-0099-M5	K14A-45-0099-M6
145	480	5	51%	K14A-45-0101-M1	K14A-45-0101-M5	K14A-45-0101-M6
175	480	5	61%	K14A-45-0103-M1	K14A-45-0103-M5	K14A-45-0103-M6
200	480	5	69%	K14A-45-0105-M1	K14A-45-0105-M5	K14A-45-0105-M6
225	480	5	78%	K14A-45-0107-M1	K14A-45-0107-M5	K14A-45-0107-M6