

# FLANGED IMMERSION HEATERS

## CORROSIVE SOLUTION HEATING

- Incoloy 800 Elements
- 22 watts/square inch

For use in solutions of less than 25% concentration where higher corrosion resistance is required

- Also can be used in air and other gas heating where sheath temperature will not exceed 1500° 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	18½"	K3A-3-0053-M1	K3A-3-0053-M7
3	240	3	1		K3A-3-0054-M1	K3A-3-0054-M7
3	480	1	1		K3A-3-0055-M1	K3A-3-0055-M7
3	480	3	1		K3A-3-0056-M1	K3A-3-0056-M7
4.5	240	1	1	25½"	K3A-3-0057-M1	K3A-3-0057-M7
4.5	240	3	1		K3A-3-0058-M1	K3A-3-0058-M7
4.5	480	1	1		K3A-3-0059-M1	K3A-3-0059-M7
4.5	480	3	1		K3A-3-0060-M1	K3A-3-0060-M7
6	240	1	1	33½"	K3A-3-0061-M1	K3A-3-0061-M7
6	240	3	1		K3A-3-0062-M1	K3A-3-0062-M7
6	480	1	1		K3A-3-0063-M1	K3A-3-0063-M7
6	480	3	1		K3A-3-0064-M1	K3A-3-0064-M7
9	480	1	1	48½"	K3A-3-0065-M1	K3A-3-0065-M7
9	480	3	1		K3A-3-0066-M1	K3A-3-0066-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-6-0150-M1	K4A-6-0150-M7
6	240	3	1		K4A-6-0151-M1	K4A-6-0151-M7
6	480	1	1		K4A-6-0152-M1	K4A-6-0152-M7
6	480	3	1		K4A-6-0153-M1	K4A-6-0153-M7
9	240	1	1	25½"	K4A-6-0154-M1	K4A-6-0154-M7
9	240	3	1		K4A-6-0155-M1	K4A-6-0155-M7
9	480	1	1		K4A-6-0156-M1	K4A-6-0156-M7
9	480	3	1		K4A-6-0157-M1	K4A-6-0157-M7
12	240	3	1	33"	K4A-6-0158-M1	K4A-6-0158-M7
12	480	3	1		K4A-6-0159-M1	K4A-6-0159-M7
15	240	3	1	40½"	K4A-6-0160-M1	K4A-6-0160-M7
15	480	3	1		K4A-6-0161-M1	K4A-6-0161-M7
18	240	3	1	48"	K4A-6-0162-M1	K4A-6-0162-M7
18	480	3	1		K4A-6-0163-M1	K4A-6-0163-M7
25	240	3	2	64½"	K4A-6-0164-M1	K4A-6-0164-M7
25	480	3	1		K4A-6-0165-M1	K4A-6-0165-M7
30	240	3	2	77"	K4A-6-0166-M1	K4A-6-0166-M7
30	480	3	1		K4A-6-0167-M1	K4A-6-0167-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	25½"	K5A-6-0046-M1	K5A-6-0046-M7
9	480	1		K5A-6-0047-M1	K5A-6-0047-M7
12	240	1	33½"	K5A-6-0048-M1	K5A-6-0048-M7
12	480	1		K5A-6-0049-M1	K5A-6-0049-M7
15	240	1	40½"	K5A-6-0050-M1	K5A-6-0050-M7
15	480	1		K5A-6-0051-M1	K5A-6-0051-M7
20	240	2	52½"	K5A-6-0052-M1	K5A-6-0052-M7
20	480	1		K5A-6-0053-M1	K5A-6-0053-M7
25	240	2	65½"	K5A-6-0054-M1	K5A-6-0054-M7
25	480	1		K5A-6-0055-M1	K5A-6-0055-M7
30	240	2	78½"	K5A-6-0056-M1	K5A-6-0056-M7
30	480	1		K5A-6-0057-M1	K5A-6-0057-M7

**INCOLOY 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-12-0020-M1	K6A-12-0020-M5	K6A-12-0020-M6
18	480	1		K6A-12-0021-M1	K6A-12-0021-M5	K6A-12-0021-M6
24	240	2	33	K6A-12-0022-M1	K6A-12-0022-M5	K6A-12-0022-M6
24	480	1		K6A-12-0023-M1	K6A-12-0023-M5	K6A-12-0023-M6
30	240	2	40½	K6A-12-0024-M1	K6A-12-0024-M5	K6A-12-0024-M6
30	480	1		K6A-12-0025-M1	K6A-12-0025-M5	K6A-12-0025-M6
36	240	2	48	K6A-12-0026-M1	K6A-12-0026-M5	K6A-12-0026-M6
36	480	1		K6A-12-0027-M1	K6A-12-0027-M5	K6A-12-0027-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-18-0027-M1	K8A-18-0027-M5	K8A-18-0027-M6
30	480	1		K8A-18-0028-M1	K8A-18-0028-M5	K8A-18-0028-M6
40	240	2	43⅓	K8A-18-0029-M1	K8A-18-0029-M5	K8A-18-0029-M6
40	480	1		K8A-18-0030-M1	K8A-18-0030-M5	K8A-18-0030-M6
50	240	3	51%	K8A-18-0031-M1	K8A-18-0031-M5	K8A-18-0031-M6
50	480	2		K8A-18-0032-M1	K8A-18-0032-M5	K8A-18-0032-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-27-0041-M1	K10A-27-0041-M5	K10A-27-0041-M6
50	480	3		K10A-27-0042-M1	K10A-27-0042-M5	K10A-27-0042-M6
70	240	3	43⅓	K10A-27-0043-M1	K10A-27-0043-M5	K10A-27-0043-M6
70	480	3		K10A-27-0044-M1	K10A-27-0044-M5	K10A-27-0044-M6
85	240	9	51%	K10A-27-0045-M1	K10A-27-0045-M5	K10A-27-0045-M6
85	480	3		K10A-27-0046-M1	K10A-27-0046-M5	K10A-27-0046-M6
105	480	3	61%	K10A-27-0048-M1	K10A-27-0048-M5	K10A-27-0048-M6
120	480	3	69%	K10A-27-0050-M1	K10A-27-0050-M5	K10A-27-0050-M6
135	480	9	78%	K10A-27-0052-M1	K10A-27-0052-M5	K10A-27-0052-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-36-0041-M1	K12A-36-0041-M5	K12A-36-0041-M6
65	480	3		K12A-36-0042-M1	K12A-36-0042-M5	K12A-36-0042-M6
95	480	3	43⅓	K12A-36-0044-M1	K12A-36-0044-M5	K12A-36-0044-M6
115	480	3	51%	K12A-36-0046-M1	K12A-36-0046-M5	K12A-36-0046-M6
140	480	4	61%	K12A-36-0048-M1	K12A-36-0048-M5	K12A-36-0048-M6
160	480	4	69%	K12A-36-0050-M1	K12A-36-0050-M5	K12A-36-0050-M6
180	480	6	78%	K12A-36-0052-M1	K12A-36-0052-M5	K12A-36-0052-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-45-0038-M1	K14A-45-0038-M5	K14A-45-0038-M6
80	480	3		K14A-45-0039-M1	K14A-45-0039-M5	K14A-45-0039-M6
120	480	5	43⅓	K14A-45-0041-M1	K14A-45-0041-M5	K14A-45-0041-M6
145	480	5	51%	K14A-45-0043-M1	K14A-45-0043-M5	K14A-45-0043-M6
175	480	5	61%	K14A-45-0045-M1	K14A-45-0045-M5	K14A-45-0045-M6
200	480	5	69%	K14A-45-0047-M1	K14A-45-0047-M5	K14A-45-0047-M6
225	480	5	78%	K14A-45-0049-M1	K14A-45-0049-M5	K14A-45-0049-M6