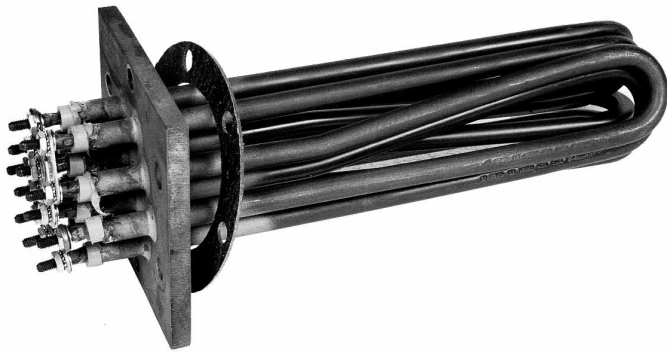


Replacement Boiler Flange Heaters - CX Rectangular Flanges

Application

Type CX flange heaters are registered Caloritech™ quality replacements for boilers manufactured by CCI Thermal and other boiler manufacturers. CCI Thermal manufactured replacements are of the highest commercial quality available anywhere.



Since most boiler heaters are classified as ASME fittings requiring design registration, a Caloritech™ replacement heater is your best choice.

CAUTION - MOST BOILER HEATERS FAIL DUE TO LOW WATER LEVELS IN THE BOILER OR EXCESSIVE SCALE BUILD-UP ON THE HEATING ELEMENTS. SUSPECT THIS CAUSE IF TWO OR MORE HEATERS FAIL SIMULTANEOUSLY. MAKE CERTAIN THAT DEFECTS IN THE SYSTEM OR POOR MAINTENANCE PROCEDURES ARE CORRECTED PRIOR TO INSTALLING THE REPLACEMENT HEATERS.

Selection

In the following four pages, replacement boiler flange heaters with rectangular flanges are listed in ascending flange sizes followed by heaters with circular flanges in a similar sequence. If the catalog number of your unit matches the listed catalog number, the only additional information we require is the voltage and phase and whether it is a steam or water boiler replacement. If not, check for a flange match and describe the heater in terms of the closest match, with exceptions.



CX

Selection

On this page and the following one, replacement boiler flange heaters with rectangular flanges are listed in ascending flange sizes.

If the catalog number or part number of your unit matches a listed one, the only additional information we require is the voltage and phase and whether it is a steam or water boiler replacement.

If not, check for a flange match and describe the heater in terms of the closest match, with exceptions.

2 1/2" Square Flange - Caloritech™ VWB Water Catalogue Number - CXI10063-XX*

kW	208V	240V	416V	480V	600V
6	-31	-32	-33	-34	-35
12	-26	-27	-28	-29	-30
15	-46	-47	-48	-49	-50
18	-01	-02	-03	-04	-05
18	-36	-37	-38	-39	-40
22.5	-21	-22	-23	-24	-25
22.5	-41	-42	-43	-44	-45
24	-66	-67	-68	-69	-70
24	-81	-82	-83	-84	-85
27.5	-86	-87	-88	-89	-90
27.5	-91	-92	-93	-94	-95

2 1/2" Square Flange Caloritech™ VSB Steam Catalogue Number - CXI10063-XX*

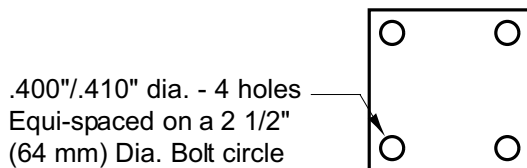
kW	208V	240V	416V	480V	600V
9	-76	-77	-78	-79	-80
12	-61	-62	-63	-64	-65
12	-71	-72	-73	-74	-75
15	-06	-07	-08	-09	-10
15	-51	-52	-53	-54	-55
18	-56	-57	-58	-59	-60

Note:

* Replace XX with appropriate two digit suffix from table.

2 1/2" Square Steel Flange (Custom)

These various types of heater configurations are available on special order.



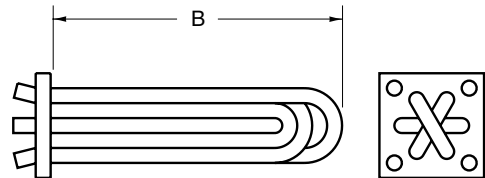
Specify type 1, 2, or 3 and provide 'B' dimension, voltage, phase and wattage.

CAUTION - MOST BOILER HEATERS FAIL DUE TO LOW WATER LEVELS IN THE BOILER OR EXCESSIVE SCALE BUILD-UP ON THE HEATING ELEMENTS. SUSPECT THIS CAUSE IF TWO OR MORE HEATERS FAIL SIMULTANEOUSLY.

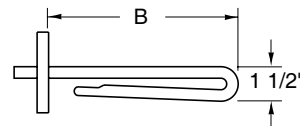
MAKE CERTAIN THAT DEFECTS IN THE SYSTEM OR POOR MAINTENANCE PROCEDURES ARE CORRECTED PRIOR TO INSTALLING THE REPLACEMENT HEATERS.

To Order Specify

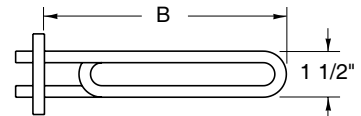
Quantity, catalog number, voltage, phase and whether used as a water or steam boiler replacement heater.



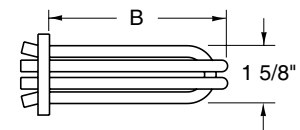
Type 1



Type 2



Type 3



CX

3 5/8" x 9 5/8" Flange - CW Replacements Catalog Number - 04349-XXX*

kw	208V	240V	277V	416V	480V	600V
6	-010	-020	-030	-050	-050	-060
9	-070	-080	-090	-110	-110	-120
12	-130	-140	-150	-170	-170	-180
15	-190	-200	-210	-230	-230	-240
18	-250	-260	-270	-290	-290	-300
21	-310	-320	-330	-350	-350	-360
24	-370	-380	-390	-410	-410	-420
27	-430	-440	-450	-470	-470	-480
30	-490	-500	-510	-530	-530	-540

Note:

* Replace XXX with appropriate three digit suffix from table.

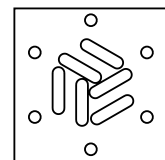
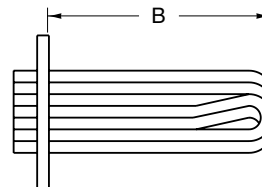


4 1/2" Square Flange - CMB/CES Replacements Catalog Number - 30555-XXX*

kw	1Ø			3Ø			
	208V	208V	240V	280V	240V	416V	480V 600V
3	-011	-021	-031	-	-	-	-
6	-	-81	-091	-060	-070	-080	-90 -100
9	-	-141	-151	-110	-120	-130	-140 -150
12	-	-201	-211	-160	-170	-180	-190 -200
18	-	-261	-271	-210	-220	-230	-240 -250

Note:

* Replace XXX with appropriate three digit suffix from table.



5 1/2" Square Flange - CCES Replacements Catalog Number - 30555-XXX*

KW	1Ø		3Ø			
	208V	240V	208V	240V	416V	480V 600V
9	-143	-153	-112	-122	-132	-142 -152
10	-323	-333	-262	-272	-	-302
12	-203	-213	-162	-172	-182	-192 -202
18	-263	-273	-212	-222	-232	-242 -252

Note:

* Replace XXX with appropriate three digit suffix from table.



5 1/2" Square Flange - FP Replacements Catalog Number - CX110264-XX*

KW	208V	240V	416V	480V	600V
12	-13	-10	-07	-04	-01
18	-14	-11	-08	-05	-02
24	-28	-27	-26	-25	-24
36	-23	-22	-21	-20	-19
50	-	-	-18	-17	-16

Note:

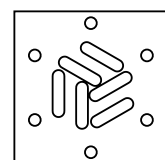
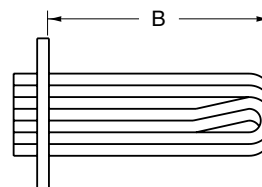
* Replace XX with appropriate three digit suffix from table.

6 3/4" Square Flange - Caloritech™ MC, MN, MX Catalog Number - CX110264-XX*

KW	208V	240V	416V	480V	600V
15	-33	-32	-31	-30	-29
30	-15	-12	-09	-06	-03
60	-38	-37	-36	-35	-34

Note:

* Replace XX with appropriate three digit suffix from table.



CX



Replacement Boiler Flange Heaters

Replacement Boiler Flange Heaters - CX - Round Flanges

Selection

On this page and the following one, replacement Caloritech™ boiler flange heaters with round flanges are listed in ascending flange sizes.

If the catalog number or part number of your unit matches a listed one, the only additional information we require is the voltage and phase and whether it is a steam or water boiler replacement.

If not, check for a flange match and describe the heater in terms of the closest match, with exceptions (see pg. E10).

CAUTION - MOST BOILER HEATERS FAIL DUE TO LOW WATER LEVELS IN THE BOILER OR EXCESSIVE SCALE BUILD-UP ON THE HEATING ELEMENTS. SUSPECT THIS CAUSE IF TWO OR MORE HEATERS FAIL SIMULTANEOUSLY.

MAKE CERTAIN THAT DEFECTS IN THE SYSTEM OR POOR MAINTENANCE PROCEDURES ARE CORRECTED PRIOR TO INSTALLING THE REPLACEMENT HEATERS.

To Order Specify

Quantity, catalog number, voltage, phase and whether used as a water or steam boiler replacement heater.



6" Special Flange - Caloritech™ Boilers

kW	Std. Voltages	Catalog No.	WT. - lbs(kg)
15		CXI10220-12	31 (14)
15	208, 240, 416,	CXI10773-06	31 (14)
30	480,600	CXI10168-29	40 (18)
30		CXI10220-11	40(18)
30		CXI10773-05	40 (18)
36	208, 240, 416,	CXI10168-21	40 (18)
37.5	480,600	CXI10773-12	40 (18)
45		CXI10168-04/16	44 (20)
45		CXI10220-10	44 (20)
45	208, 240, 416,	CXI10773-04	44 (20)
60	480,600	CXI10168-28	48 (22)
60		CXI10220-09	48 (22)
60		CXI10773-03	48 (22)
72	208, 240, 416,	CXI10168-20	53 (24)
75	480,600	CXI10220-08	53 (24)
75		CXI10773-02	53 (24)
75		CXI10773-11	53 (24)
90	208, 240, 416,	CXI10168-27	59 (27)
90	480,600	CXI10220-07	59 (27)
90		CXI10773-01	59(27)
108		CXI10168-19	66 (30)
112.5	208, 240, 416,	CXI10773-10	66 (30)
125	480,600	CXI10168-09	70 (32)
135		CXI10168-02/18	70 (32)
145		CXI10168-07	70 (32)
150	208, 240, 416,	CXI10773-09	70 (32)
187.5	480,600	CXI10773-08	79 (36)
225		CXI10773-07	79 (36)

6" Caloritech™ Boilers - 150 lb. Flange

kW	Std. Voltages	Catalog No.	WT. - lbs(kg)
15		CXI10220-13	35 (16)
30	208, 240, 416,	CXI10168-13	44 (20)
30	480,600	CXI10220-05	44 (20)
38		CXI10220-06	44 (20)
45		CXI10168-12/24	48 (22)
45	208, 240, 416,	CXI10220-04	48 (22)
60	480,600	CXI10220-03	53 (24)
75		CXI10168-15	57 (26)
75		CXI10220-02	57 (26)
90	208, 240, 416,	CXI10168-05/11/23	66 (30)
90	480,600	CXI10220-01	66 (30)
100		CXI10220-14	73 (33)
135		CXI10168-03/10/22	73 (33)

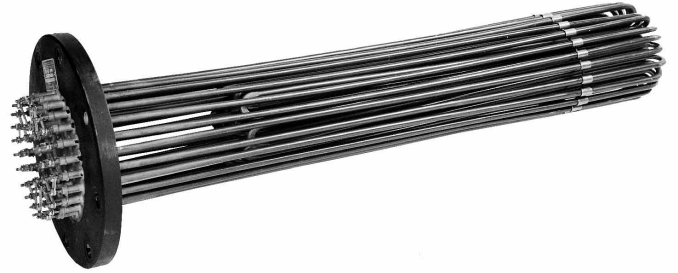
CX

6" Caloritech™ Boilers - 300 lb. Flange

kW	Std. Voltages	Catalog No.	WT. - lbs(kg)
116.7	208, 240, 416,	CXI10773-14	66 (30)
150		CXI10773-16	70 (32)
175.1	480, 600	CXI10773-13	75 (34)

8" Caloritech™ Boilers - 150 lb. Flange

kW	Std. Voltages	Catalog No.	WT. - lbs(kg)
36		CXI10221-25	79 (36)
45	208, 240, 416,	CXI10221-06/12/19	84 (36)
72	480, 600	CXI10221-24	88 (40)
90		CXI10221-05/11/18	92 (42)
108		CXI10221-23	92 (42)
135	208, 240, 416,	CXI10221-04/10/17	99 (45)
144	480, 600	CXI10221-22	99 (45)
180		CXI10221-03/09/16	106 (48)
180		CXI10221-21	106 (48)
216		CXI10221-20	112 (51)
225	208, 240, 416,	CXI10221-02/08/15	119 (54)
270	480, 600	CXI10221-01/07/14	139 (63)
270		CXI10221-13	139 (63)



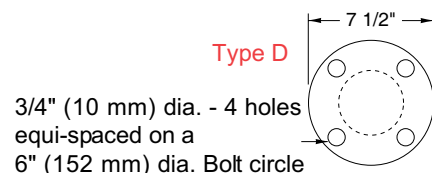
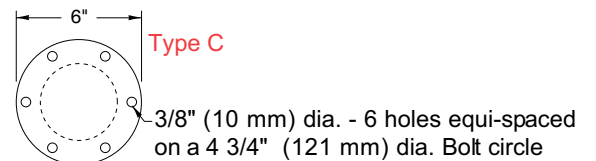
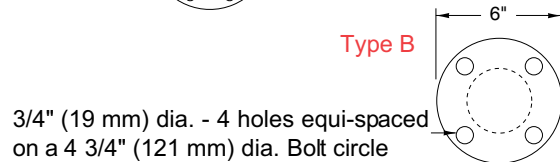
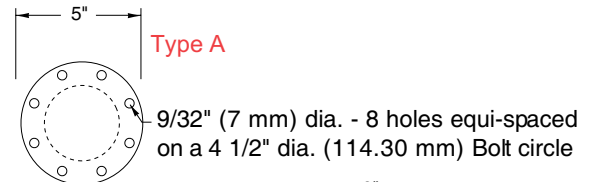
CUSTOM HEATERS WITH ROUND FLANGES

To order a custom round flange boiler replacement specify flange type from adjacent sketches, 'B' dimension, 'C' dimension, voltage, phase, kilowatts, number of elements, and number of circuits.

If your boiler flange does not match any of these types, send us a similar sketch or a description. Include the flange thickness

To Order Specify

Quantity, catalog number, voltage, phase and whether used as a water or steam boiler replacement heater.



CX



Replacement Boiler Flange Heaters