

Series CRB Curved Face Ceramic E-Mitter Specifications

Series CRB – Size: 60 mm × 245 mm (2.36" × 9.65") Watts/Square Inch vs. Temperature Data

Watts	Surface W/in ² *	Heater Body °F Rise	Heater Body Temp @ 72°F**	Primary Emitted Wavelength*** (μm)
100	4.32	357	429	5.87
125	5.40	426	498	5.45
150	6.48	488	560	5.11
163	7.04	518	590	4.97
200	8.64	596	668	4.63
250	10.80	684	756	4.29
300	12.95	756	828	4.05
325	14.03	788	860	3.95
350	15.11	817	889	3.87
400	17.27	870	942	3.72
500	21.59	960	1032	3.50
600	25.91	1043	1115	3.31
650	28.07	1084	1156	3.23
700	30.23	1126	1198	3.15
750	32.39	1169	1241	3.07
800	34.55	1211	1283	2.99
875	37.78	1271	1343	2.89
900	38.86	1290	1362	2.86
1000	43.18	1348	1420	2.78

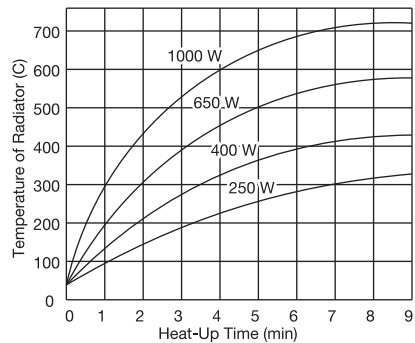
* **Watt density** calculated using heater face surface area.

** **E-Mitter heater body temperature** as measured with internal thermocouple when mounted facedown in stock CRK reflector and operating in 72°F (22°C) room ambient.

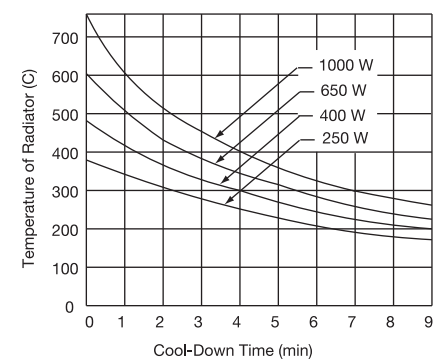
*** **Peak infrared radiation wavelength** as calculated from Wien's Law, for operating temperature shown. Expressed in microns (μm).

Typical Heating and Cooling Behavior of CRB Ceramic E-Mitters

Warm-Up Time Graph



Cool-Down Time Graph

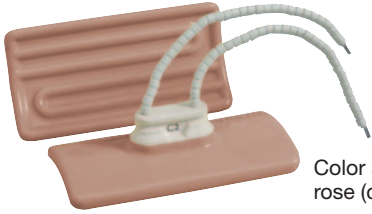


Radiant Process Heaters



Series CRM E-Mitters

Series CRM Curved Face Ceramic E-Mitters – Size: 60 mm × 163 mm (2.36" × 6.42")



Color shown is
rose (cold) to grey (hot)

Optional Features

- * *Additional Power or Thermocouple Lead Lengths (page 7-23)*
- * *Two-Piece Wave Mounting Clip (page 7-14)*
- * *Reflectors and Other Accessories (pages 7-20 through 7-23)*
- * *Arrays and Power/Temperature Control Panels (start on page 7-15)*

Standard (Non-Stock) CRM E-Mitters

E-Mitters listed have 3.50" ceramic bead insulated leads,
#8-10 spade terminals, and a one-piece spring clip for mounting.

Wattage	Voltage	Color	Watt Density*		Heater Body Temp.**		Part Number	
			(W/in ²)	(W/cm ²)	°F	°C	Without Thermocouple	With Type K Thermocouple
425	120	Rose to Grey	27.44	4.25	1144	618	CRM10008	CRM10011
425	120	White	27.44	4.25	1144	618	CRM00008	CRM00011
500	120	Rose to Grey	32.28	5.00	1239	671	CRM10009	CRM10012
500	120	White	32.28	5.00	1239	671	CRM00009	CRM00012
600	220/240	Rose to Grey	38.74	6.00	1360	738	CRM10010	CRM10013
600	220/240	White	38.74	6.00	1360	738	CRM00010	CRM00013

Series CRM Curved Face Ceramic E-Mitter Specifications

Series CRM – Size: 60 mm × 163 mm (2.36" × 6.42")

Watts/Square Inch vs. Temperature Data

Watts	Surface W/in ² *	Heater Body °F Rise	Heater Body Temp @ 72°F**	Primary Emitted Wavelength*** (μm)
100	6.46	487	559	5.12
150	9.68	641	713	4.45
200	12.91	755	827	4.05
250	16.14	843	915	3.79
300	19.37	915	987	3.60
350	22.60	979	1051	3.45
400	25.82	1041	1113	3.32
450	29.05	1103	1175	3.19
500	32.28	1167	1239	3.07
550	35.51	1230	1302	2.96
600	38.74	1288	1360	2.87
650	41.96	1335	1407	2.79

* **Watt density** calculated using heater face surface area.

** **E-Mitter heater body temperature** as measured with internal thermocouple when mounted facedown in stock CRK reflector and operating in 72°F (22°C) room ambient.

*** **Peak infrared radiation wavelength** as calculated from Wien's Law, for operating temperature shown. Expressed in microns (μm).

CRM Ordering Information (See page 7-2)

Series CRC Curved Face Ceramic E-Mitter Specifications

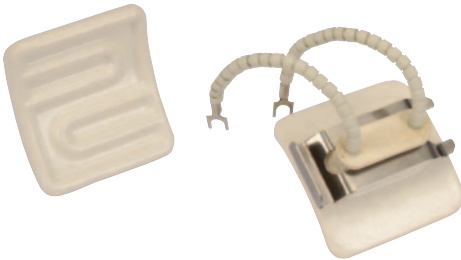
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Series CRC Curved Face Ceramic E-Mitters – Size: 60 mm × 122 mm (2.36" × 4.80")

Watts/Square Inch vs. Temperature Data

Watts	Surface W/in ² *	Heater Body °F Rise	Heater Body Temp @ 72°F**	Primary Emitted Wavelength*** (μm)
100	8.64	596	668	4.63
125	10.80	684	756	4.29
150	12.95	756	828	4.05
163	14.08	789	861	3.95
200	17.27	870	942	3.72
250	21.59	960	1032	3.50
300	25.91	1043	1115	3.31
325	28.07	1084	1156	3.23
350	30.23	1126	1198	3.15
375	32.39	1169	1241	3.07
400	34.55	1211	1283	2.99
500	43.18	1348	1420	2.78

Series CRS Curved Face Ceramic E-Mitters – Size: 60 mm × 60 mm (2.36" × 2.36")



Optional Features

- * Additional Power or Thermocouple Lead Lengths (page 7-23)
- * Two-Piece Wave Mounting Clip (page 7-14)
- * Reflectors and Other Accessories (pages 7-20 through 7-23)
- * Arrays and Power/Temperature Control Panels (start on page 7-15)

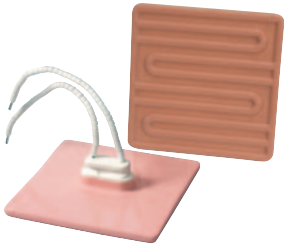
Standard (Non-Stock) CRS E-Mitters

E-Mitters listed have 3.50" ceramic bead insulated leads, #8-10 spade terminals, and a one-piece spring clip for mounting.

Wattage	Voltage	Color	Watt Density*		Part Number	
			(W/in ²)	(W/cm ²)	Without Thermocouple	With Type K Thermocouple
162	120	White	28.07	4.35	CRS00002	CRS00009
162	220/240	White	28.07	4.35	CRS00005	CRS00012
250	120	White	43.18	6.69	CRS00003	CRS00010
250	220/240	White	43.18	6.69	CRS00006	CRS00013

CRS Ordering Information (See page 7-2)

Series CRG Flat Face Ceramic E-Mitters – Size: 122 mm (4.80") square



Color shown is rose (cold) to grey (hot)

Optional Features

- * Additional Power or Thermocouple Lead Lengths (page 7-23)
- * Two-Piece Wave Mounting Clip (page 7-14)
- * Reflectors and Other Accessories (pages 7-20 through 7-23)
- * Arrays and Power/Temperature Control Panels (start on page 7-15)

Standard (Non-Stock) CRG E-Mitters

E-Mitters listed have 3-1/2" ceramic bead insulated leads, #8-10 spade terminals, and a one-piece spring clip for mounting in 20 or 22 gauge sheet metal.

Wattage	Voltage	Color	Watt Density*		Heater Body Temp.**		Part Number	
			(W/in ²)	(W/cm ²)	(Typical Operating) °F	°C	Without Thermocouple	With Type K Thermocouple
250	220/240	Rose to Grey	10.9	1.7	758	403	CRG10026	CRG10027
250	220/240	White	10.9	1.7	758	403	CRG00026	CRG00027
325	220/240	Rose to Grey	14.1	2.2	862	461	CRG10028	CRG10029
325	220/240	White	14.1	2.2	862	461	CRG00028	CRG00029
400	220/240	Rose to Grey	17.4	2.7	944	507	CRG10030	CRG10031
400	220/240	White	17.4	2.7	944	507	CRG00030	CRG00031
650	220/240	Rose to Grey	28.2	4.4	1159	626	CRG10032	CRG10033
650	220/240	White	28.2	4.4	1159	626	CRG00032	CRG00033
800	220/240	Rose to Grey	34.7	5.4	1287	697	CRG10034	CRG10035
800	220/240	White	34.7	5.4	1287	697	CRG00034	CRG00035
1000	220/240	Rose to Grey	43.4	6.7	1422	772	CRG10036	CRG10037
1000	220/240	White	43.4	6.7	1422	772	CRG00036	CRG00037

Series CRG Flat Face Ceramic E-Mitter Specifications

Watts/Square Inch vs. Temperature Data

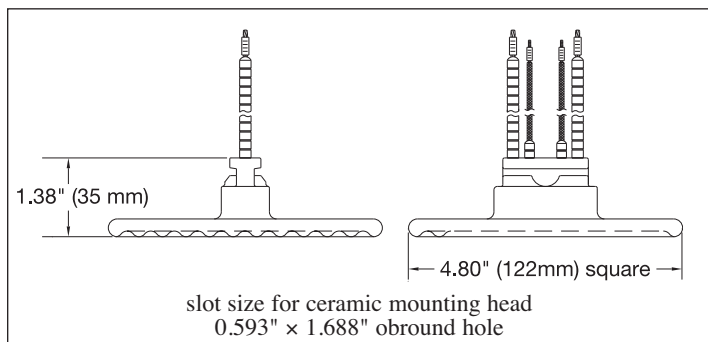
Watts	Surface W/in ² *	Heater Body °F Rise	Heater Body Temp @ 72°F**	Primary Emitted Wavelength*** (μ)
250	10.9	686	758	4.28
325	14.1	790	862	3.95
400	17.4	872	944	3.72
650	28.2	1087	1159	3.22
800	34.7	1215	1287	2.99
1000	43.4	1350	1422	2.77

* **Watt density** calculated using heater face surface area.

** **E-Mitter heater body temperature** as measured with internal thermocouple when mounted facedown in stock CRK reflector and operating in 72°F (22°C) room ambient.

*** **Peak infrared radiation wavelength** as calculated from Wien's Law, for operating temperature shown. Expressed in microns (μm).

Series CRG Dimensions



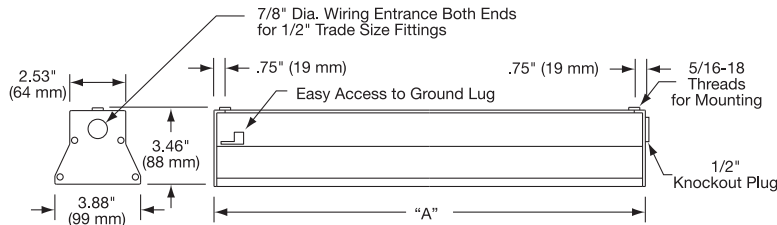
CRG Ordering Information

See page 7-2

Standard CRK Linear Housings

CRK housings include the following components: housing body, end plates, 5/16-18 mounting bolts, cover and ground lug.

NOTE: These housings do not include the reflectors needed for mounting the heaters (see page 7-20) or the terminal block (Part Number EHD-108-101) required for wiring each heater (see page 7-21).



Standard (Non-Stock) Housing Lengths Table

Nominal Housing Length in	"A" Dim. in	"A" Dim. mm	Housing Part Number	Examples of Possible E-Mitter Configurations	Maximum Power
5	5.19	131.8	CRK00024	1 CRC or 1 CRZ	.5KW
10	10.13	257.2	CRK00001	1 CRB or 1 CRN, 2 CRCs or 2 CRZs	1KW
15	15.06	382.6	CRK00023	3 CRCs or 3 CRZs (1 CRB and 1 CRC) or (1 CRN and 1 CRZ)	1.5KW
20	20.00	508.0	CRK00002	2 CRBs or 2 CRNs, 4 CRCs or 4 CRZs (1 CRB and 2 CRCs) or (1 CRN and 2 CRZs)	2KW
25	24.94	633.4	CRK00022	5 CRCs or 5 CRZs a combination of (CRBs and CRCs) or (CRNs and CRZs)	2.5KW
30	29.88	758.8	CRK00003	3 CRBs or 3 CRNs, 6 CRCs or 6 CRZs a combination of (CRBs and CRCs) or (CRNs and CRZs)	3KW
35	34.81	884.2	CRK00019	7 CRCs or 7 CRZs a combination of (CRBs and CRCs) or (CRNs and CRZs)	3.5KW
40	39.75	1009.7	CRK00004	4 CRBs or 4 CRNs, 8 CRCs or 8 CRZs a combination of (CRBs and CRCs) or (CRNs and CRZs)	4KW
50	49.63	1260.5	CRK00021	5 CRBs or 5 CRNs, 10 CRCs or 10 CRZs a combination of (CRBs and CRCs) or (CRNs and CRZs)	5KW
60	59.50	1511.3	CRK00027	6 CRBs or 6 CRNs, 12 CRCs or 12 CRZs a combination of (CRBs and CRCs) or (CRNs and CRZs)	6KW
70	69.38	1762.1	CRK00029	7 CRBs or 7 CRNs, 14 CRCs or 14 CRZs a combination of (CRBs and CRCs) or (CRNs and CRZs)	7KW

Standard housings are available from as-assembled stock in 10", 20", 30", 40" and 50" lengths. Other housing lengths can be made to your requirements.

Ordering Information

Custom Engineered/Manufactured CRA Heater Assembly

Standard Assemblies

Order by Part Number on page 7-16. Delivery is Stock to 3 days.

Understanding that a CRA linear structural housing can be very application specific, **TEMPCO** will design and manufacture a CRA heater assembly to meet your requirements. **Standard lead time is 3 weeks.**

Please Specify the following:

- Housing Length
- E-Mitter Color
- E-Mitter Size, Electrical Ratings or Part Number
- E-Mitter with Built-In Type K T/C, Size, Electrical Ratings or Part Number



If you should encounter any problems or need technical support in the design of the CRA system consult Tempco. Our team of professionals will provide you with the right solution for your application.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

(800) 323-6859 • Email: sales@tempco.com

Series CRB and CRN E-Mitter Panel Arrays Standard Style ARA Structural Housing Dimensions

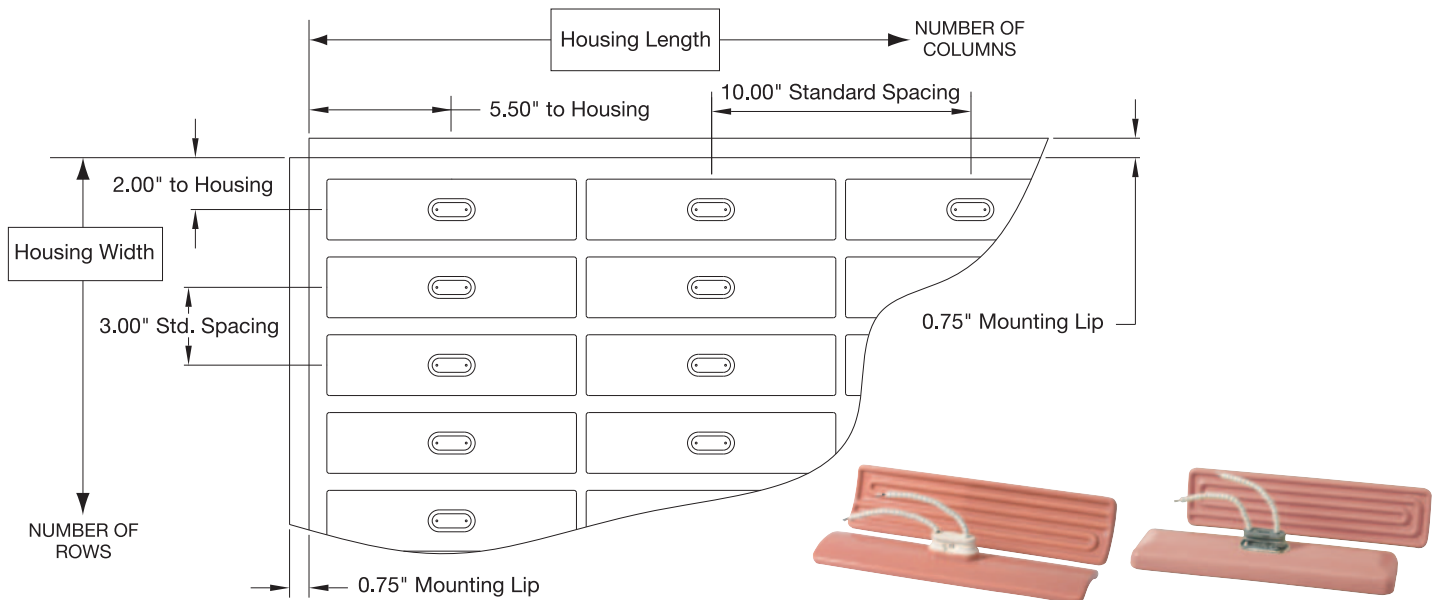
- A) The Number of Rows will determine the Housing Width. For overall width add 1.50" (for the mounting lips).
 B) The Number of Columns will determine the Housing Length. For overall length add 1.50" (for the mounting lips).

Number of Rows	Number of Columns					
	1 W x L	2 W x L	3 W x L	4 W x L	5 W x L	6 W x L
1	4 x 11	4 x 21	4 x 31	4 x 41	4 x 51	4 x 61
2	7 x 11	7 x 21	7 x 31	7 x 41	7 x 51	7 x 61
3	10 x 11	10 x 21	10 x 31	10 x 41	10 x 51	10 x 61
4	13 x 11	13 x 21	13 x 31	13 x 41	13 x 51	13 x 61
5	16 x 11	16 x 21	16 x 31	16 x 41	16 x 51	16 x 61
6	19 x 11	19 x 21	19 x 31	19 x 41	19 x 51	19 x 61
7	22 x 11	22 x 21	22 x 31	22 x 41	22 x 51	22 x 61
8	25 x 11	25 x 21	25 x 31	25 x 41	25 x 51	25 x 61
9	28 x 11	28 x 21	28 x 31	28 x 41	28 x 51	—
10	31 x 11	31 x 21	31 x 31	31 x 41	—	—
11	34 x 11	34 x 21	34 x 31	34 x 41	—	—
12	37 x 11	37 x 21	37 x 31	37 x 41	—	—
13	40 x 11	40 x 21	40 x 31	—	—	—
14	43 x 11	43 x 21	43 x 31	—	—	—
15	46 x 11	46 x 21	46 x 31	—	—	—
16	49 x 11	49 x 21	—	—	—	—
17	52 x 11	52 x 21	—	—	—	—
18	55 x 11	55 x 21	—	—	—	—



Note: Structural Housing Dimensions (width x length) are in inches. For overall dimensions add 0.75" per side for the mounting lip.

Dimensions are in inches



CRB & CRN E-Mitters (60 x 245 mm)

Custom Engineered/Manufactured Panels

- Multiple panels are used for larger arrays.
- Consult factory for larger panels not shown in table or custom panels with other spacings. Minimum spacing for CRB and CRN heaters is 2.50" x 10.00".
- Special narrow panels having a maximum 40 rows x 1 or 2 columns, & up to 8 rows x 12 columns can be made on special order (max. housing size 121" x 25").

We welcome your inquiries.
 Take advantage of Tempco's economical approach to manufacturing panels.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

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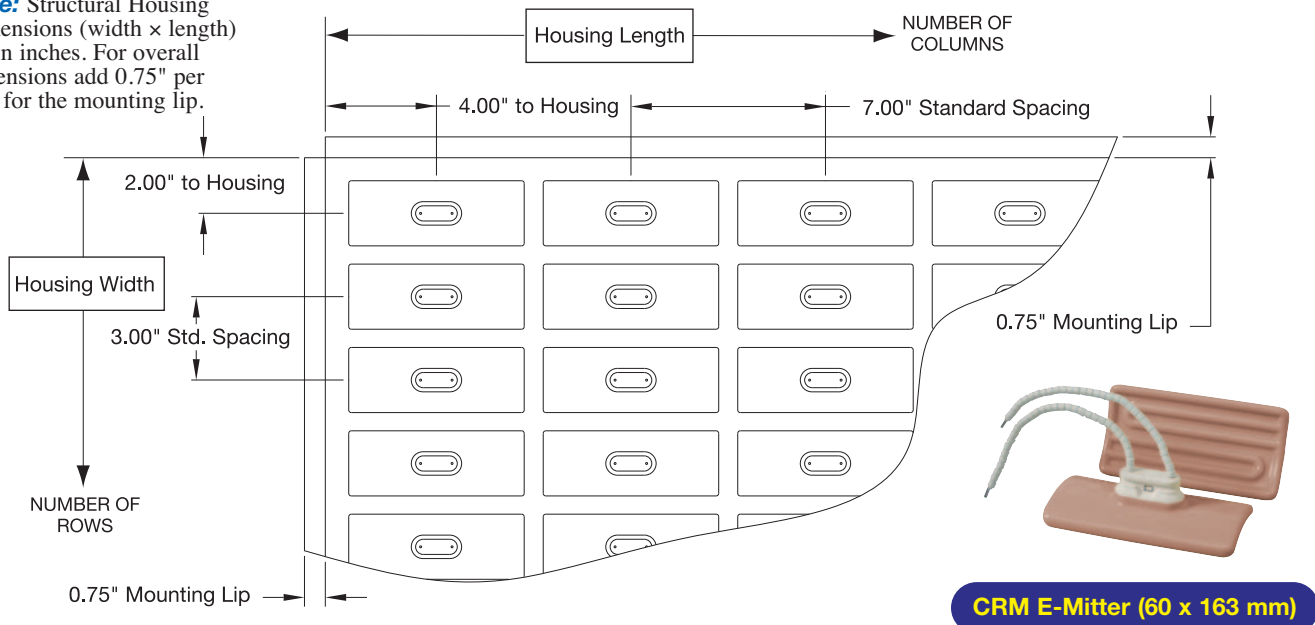
Series CRM E-Mitter Panel Arrays Standard Style ARA Structural Housing Dimensions

- A) The Number of Rows will determine the Housing Width. For overall width add 1.50" (for the mounting lips).
B) The Number of Columns will determine the Housing Length. For overall length add 1.50" (for the mounting lips).

Number of Rows	Number of Columns								
	1 W x L	2 W x L	3 W x L	4 W x L	5 W x L	6 W x L	7 W x L	8 W x L	9 W x L
1	4 x 8	4 x 15	4 x 22	4 x 29	4 x 36	4 x 43	4 x 50	4 x 57	4 x 64
2	7 x 8	7 x 15	7 x 22	7 x 29	7 x 36	7 x 43	7 x 50	7 x 57	7 x 64
3	10 x 8	10 x 15	10 x 22	10 x 29	10 x 36	10 x 43	10 x 50	10 x 57	10 x 64
4	13 x 8	13 x 15	13 x 22	13 x 29	13 x 36	13 x 43	13 x 50	13 x 57	13 x 64
5	16 x 8	16 x 15	16 x 22	16 x 29	16 x 36	16 x 43	16 x 50	16 x 57	16 x 64
6	19 x 8	19 x 15	19 x 22	19 x 29	19 x 36	19 x 43	19 x 50	19 x 57	19 x 64
7	22 x 8	22 x 15	22 x 22	22 x 29	22 x 36	22 x 43	22 x 50	22 x 57	22 x 64
8	25 x 8	25 x 15	25 x 22	25 x 29	25 x 36	25 x 43	25 x 50	25 x 57	25 x 64
9	28 x 8	28 x 15	28 x 22	28 x 29	28 x 36	28 x 43	28 x 50	—	—
10	31 x 8	31 x 15	31 x 22	31 x 29	31 x 36	31 x 43	31 x 50	—	—
11	34 x 8	34 x 15	34 x 22	34 x 29	34 x 36	34 x 43	—	—	—
12	37 x 8	37 x 15	37 x 22	37 x 29	37 x 36	37 x 43	—	—	—
13	40 x 8	40 x 15	40 x 22	40 x 29	40 x 36	—	Dimensions are in inches		
14	43 x 8	43 x 15	43 x 22	43 x 29	—	—			
15	46 x 8	46 x 15	46 x 22	46 x 29	—	—	—	—	—
16	49 x 8	49 x 15	49 x 22	—	—	—	—	—	—
17	52 x 8	52 x 15	52 x 22	—	—	—	—	—	—
18	55 x 8	55 x 15	55 x 22	—	—	—	—	—	—



Note: Structural Housing Dimensions (width x length) are in inches. For overall dimensions add 0.75" per side for the mounting lip.



Custom Engineered/Manufactured Panels

- Multiple panels are used for larger arrays.
- Consult factory for larger panels not shown in table or custom panels with other spacings. Minimum spacing for CRM heaters is 2.50" x 7.00".
- Special narrow panels having a maximum 40 rows x 1, 2, or 3 columns, & up to 8 rows x 18 columns can be made on special order (max. housing size 127" x 25").

**Consult us with your requirements.
There is no substitute for our experience.**

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

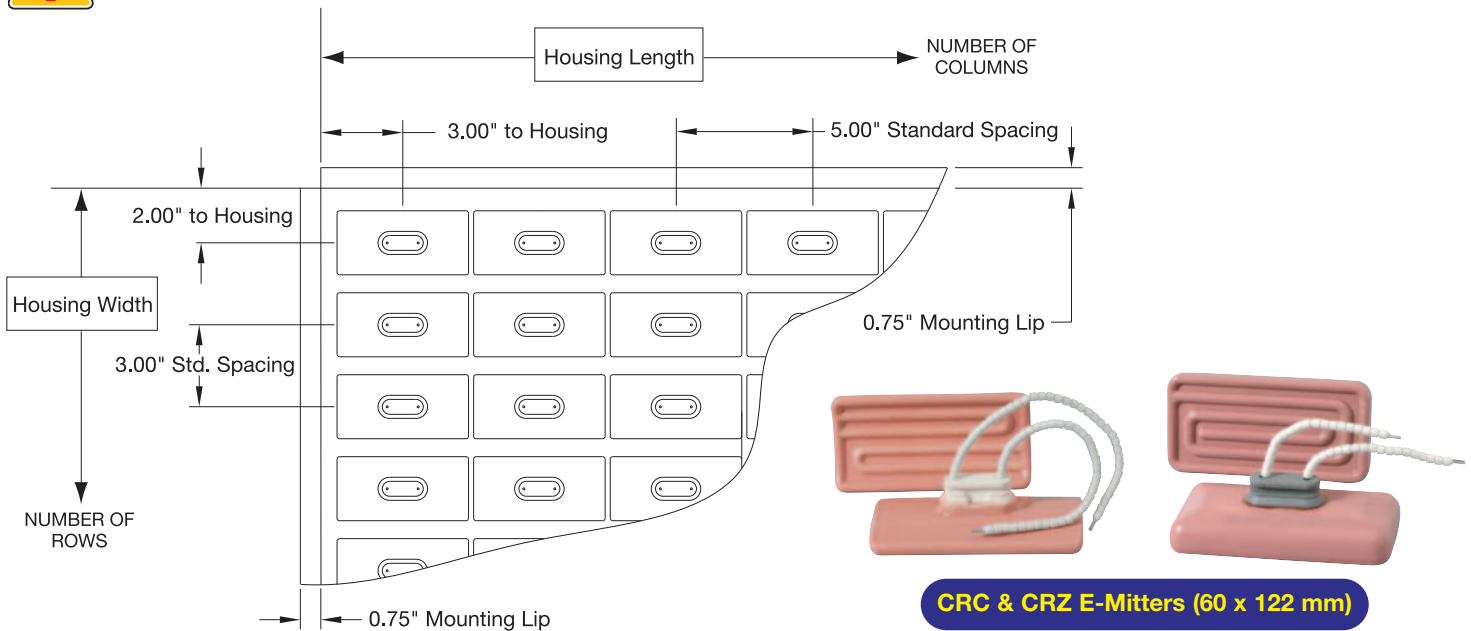
Series CRC and CRZ E-Mitter Panel Arrays Standard Style ARA Structural Housing Dimensions

- A) The Number of Rows will determine the Housing Width. For overall width add 1.50" (for the mounting lips).
B) The Number of Columns will determine the Housing Length. For overall length add 1.50" (for the mounting lips).

Number of Rows	Number of Columns											
	1 W x L	2 W x L	3 W x L	4 W x L	5 W x L	6 W x L	7 W x L	8 W x L	9 W x L	10 W x L	11 W x L	12 W x L
1	4 x 6	4 x 11	4 x 16	4 x 21	4 x 26	4 x 31	4 x 36	4 x 41	4 x 46	4 x 51	4 x 56	4 x 61
2	7 x 6	7 x 11	7 x 16	7 x 21	7 x 26	7 x 31	7 x 36	7 x 41	7 x 46	7 x 51	7 x 56	7 x 61
3	10 x 6	10 x 11	10 x 16	10 x 21	10 x 26	10 x 31	10 x 36	10 x 41	10 x 46	10 x 51	10 x 56	10 x 61
4	13 x 6	13 x 11	13 x 16	13 x 21	13 x 26	13 x 31	13 x 36	13 x 41	13 x 46	13 x 51	13 x 56	13 x 61
5	16 x 6	16 x 11	16 x 16	16 x 21	16 x 26	16 x 31	16 x 36	16 x 41	16 x 46	16 x 51	16 x 56	16 x 61
6	19 x 6	19 x 11	19 x 16	19 x 21	19 x 26	19 x 31	19 x 36	19 x 41	19 x 46	19 x 51	19 x 56	19 x 61
7	22 x 6	22 x 11	22 x 16	22 x 21	22 x 26	22 x 31	22 x 36	22 x 41	22 x 46	22 x 51	22 x 56	22 x 61
8	25 x 6	25 x 11	25 x 16	25 x 21	25 x 26	25 x 31	25 x 36	25 x 41	25 x 46	25 x 51	25 x 56	25 x 61
9	28 x 6	28 x 11	28 x 16	28 x 21	28 x 26	28 x 31	28 x 36	28 x 41	28 x 46	28 x 51	—	—
10	31 x 6	31 x 11	31 x 16	31 x 21	31 x 26	31 x 31	31 x 36	31 x 41	—	—	—	—
11	34 x 6	34 x 11	34 x 16	34 x 21	34 x 26	34 x 31	34 x 36	34 x 41	—	—	—	—
12	37 x 6	37 x 11	37 x 16	37 x 21	37 x 26	37 x 31	37 x 36	37 x 41	—	—	—	—
13	40 x 6	40 x 11	40 x 16	40 x 21	40 x 26	40 x 31	—	—	Dimensions are in inches			—
14	43 x 6	43 x 11	43 x 16	43 x 21	43 x 26	43 x 31	—	—	—	—	—	—
15	46 x 6	46 x 11	46 x 16	46 x 21	46 x 26	46 x 31	—	—	—	—	—	—
16	49 x 6	49 x 11	49 x 16	49 x 21	—	—	—	—	—	—	—	—
17	52 x 6	52 x 11	52 x 16	52 x 21	—	—	—	—	—	—	—	—
18	55 x 6	55 x 11	55 x 16	55 x 21	—	—	—	—	—	—	—	—



Note: Structural Housing Dimensions (width x length) are in inches. For overall dimensions add 0.75" per side for the mounting lip.



CRC & CRZ E-Mitters (60 x 122 mm)

Custom Engineered/Manufactured Panels

- Multiple panels are used for larger arrays.
- Consult factory for larger panels not shown in table or custom panels with other spacings. Minimum spacing for CRC and CRZ heaters is 2.50" x 5.00".
- Special narrow panels having a maximum 40 rows x 1, 2, 3 or 4 columns, & up to 8 rows x 12 columns can be made on special order (max. housing size 121" x 25").

We welcome your inquiries.

Take advantage of Tempco's economical approach to manufacturing panels.

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

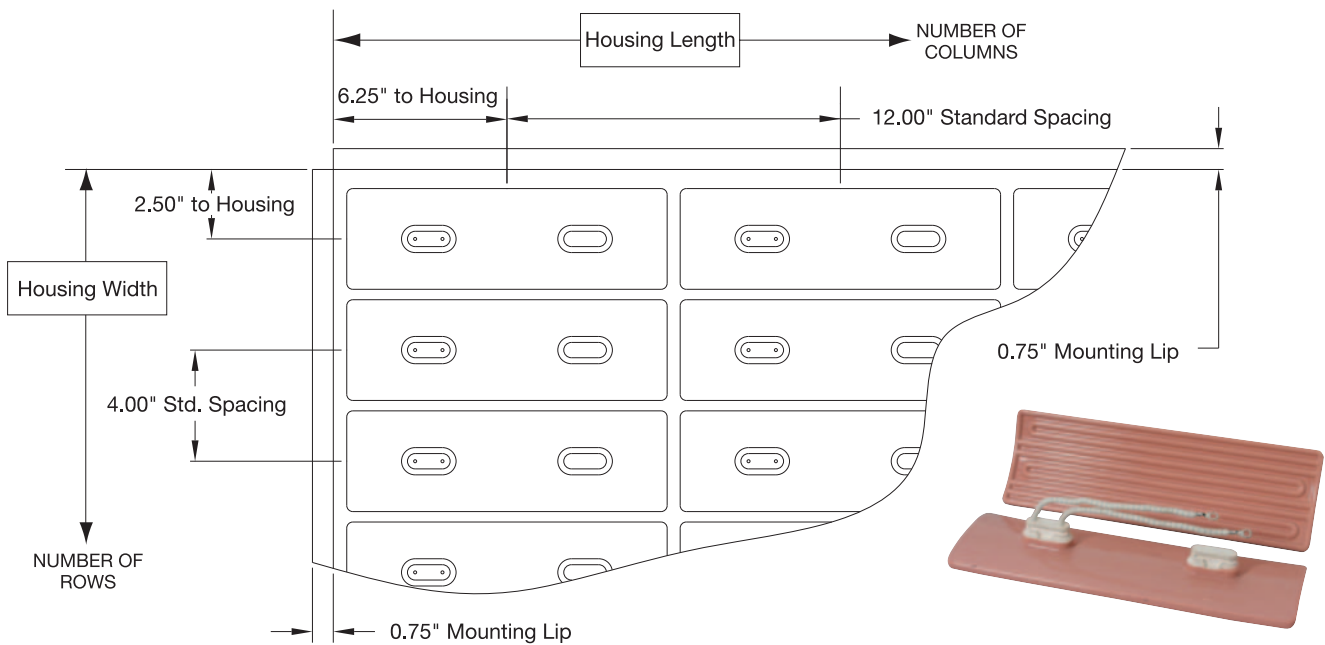
Series CRL E-Mitter Panel Arrays Standard Style ARA Structural Housing Dimensions

A) The Number of Rows will determine the Housing Width. For overall width add 1.50" (for the mounting lips).
B) The Number of Columns will determine the Housing Length. For overall length add 1.50" (for the mounting lips).

Number of Rows	Number of Columns				
	1 W x L	2 W x L	3 W x L	4 W x L	5 W x L
1	5 x 12.5	5 x 24.5	5 x 36.5	5 x 48.5	5 x 60.5
2	9 x 12.5	9 x 24.5	9 x 36.5	9 x 48.5	9 x 60.5
3	13 x 12.5	13 x 24.5	13 x 36.5	13 x 48.5	13 x 60.5
4	17 x 12.5	17 x 24.5	17 x 36.5	17 x 48.5	17 x 60.5
5	21 x 12.5	21 x 24.5	21 x 36.5	21 x 48.5	21 x 60.5
6	25 x 12.5	25 x 24.5	25 x 36.5	25 x 48.5	25 x 60.5
7	29 x 12.5	29 x 24.5	29 x 36.5	29 x 48.5	—
8	33 x 12.5	33 x 24.5	33 x 36.5	—	—
9	37 x 12.5	37 x 24.5	37 x 36.5	—	—
10	41 x 12.5	41 x 24.5	41 x 36.5	—	—
11	45 x 12.5	45 x 24.5	45 x 36.5	—	—
12	49 x 12.5	49 x 24.5	—	—	—
13	53 x 12.5	53 x 24.5	Dimensions are in inches		
14	57 x 12.5	57 x 24.5			
15	61 x 12.5	61 x 24.5	—	—	—



Note: Structural Housing Dimensions (width x length) are in inches. For overall dimensions add 0.75" per side for the mounting lip.



CRL E-Mitter (95 x 295 mm)

Custom Engineered/Manufactured Panels

- Multiple panels are used for larger arrays.
- Consult factory for larger panels not shown in table or custom panels with other spacings. Minimum spacing for CRL heaters is 4.00" x 12.00".
- Special narrow panels having a maximum 30 rows x 1 or 2 columns, & up to 6 rows x 9 columns can be made on special order (max. housing size 121" x 25").

**Consult us with your requirements
There is no substitute for our experience.**

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.



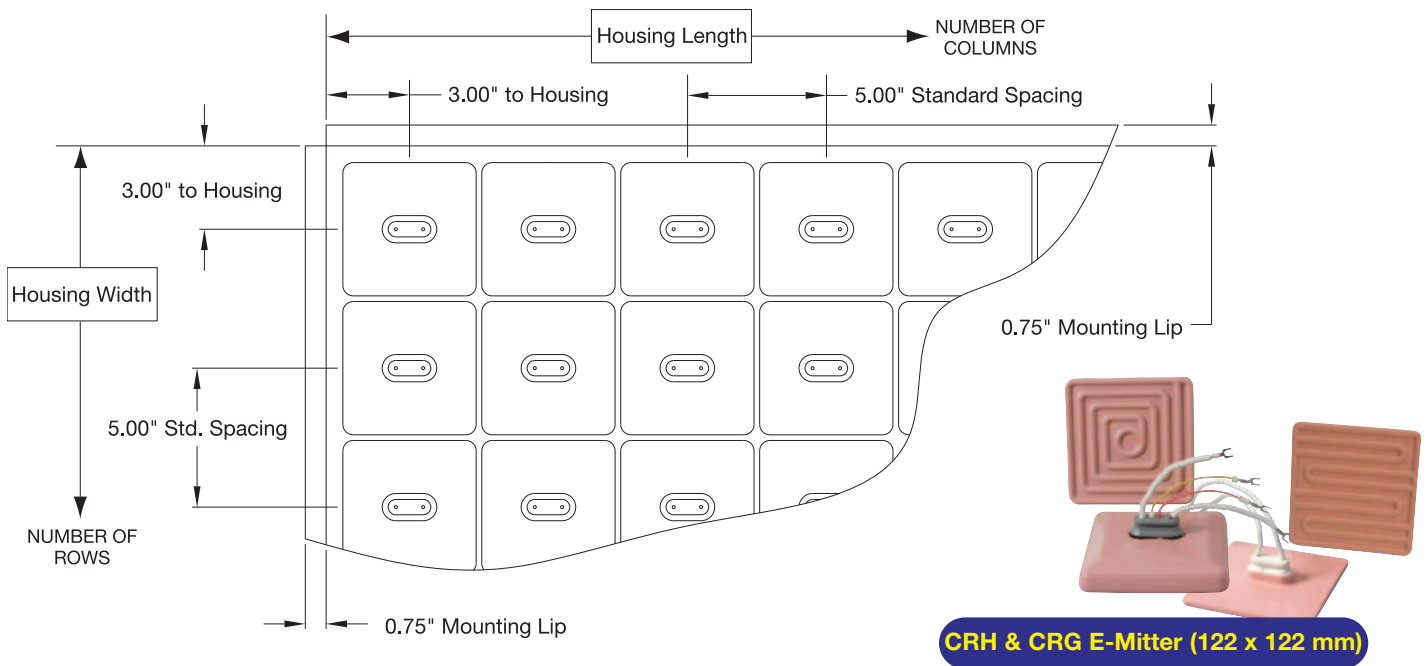
Series CRH and CRG E-Mitter Panel Arrays Standard Style ARA Structural Housing Dimensions

- A) The Number of Rows will determine the Housing Width. For overall width add 1.50" (for the mounting lips).
 B) The Number of Columns will determine the Housing Length. For overall length add 1.50" (for the mounting lips).

Number of Rows	Number of Columns											
	1 W x L	2 W x L	3 W x L	4 W x L	5 W x L	6 W x L	7 W x L	8 W x L	9 W x L	10 W x L	11 W x L	12 W x L
1	6 x 6	6 x 11	6 x 16	6 x 21	6 x 26	6 x 31	6 x 36	6 x 41	6 x 46	6 x 51	6 x 56	6 x 61
2	11 x 6	11 x 11	11 x 16	11 x 21	11 x 26	11 x 31	11 x 36	11 x 41	11 x 46	11 x 51	11 x 56	11 x 61
3	16 x 6	16 x 11	16 x 16	16 x 21	16 x 26	16 x 31	16 x 36	16 x 41	16 x 46	16 x 51	16 x 56	16 x 61
4	21 x 6	21 x 11	21 x 16	21 x 21	21 x 26	21 x 31	21 x 36	21 x 41	21 x 46	21 x 51	21 x 56	21 x 61
5	26 x 6	26 x 11	26 x 16	26 x 21	26 x 26	26 x 31	26 x 36	26 x 41	26 x 46	26 x 51	26 x 56	26 x 61
6	31 x 6	31 x 11	31 x 16	31 x 21	31 x 26	31 x 31	31 x 36	31 x 41	31 x 46	31 x 51	—	—
7	36 x 6	36 x 11	36 x 16	36 x 21	36 x 26	36 x 31	36 x 36	36 x 41	36 x 46	—	—	—
8	41 x 6	41 x 11	41 x 16	41 x 21	41 x 26	41 x 31	41 x 36	41 x 41	—	—	—	—
9	46 x 6	46 x 11	46 x 16	46 x 21	46 x 26	46 x 31	46 x 36	—	—	Dimensions are in inches		
10	51 x 6	51 x 11	51 x 16	51 x 21	51 x 26	51 x 31	—	—	—			
11	56 x 6	56 x 11	56 x 16	56 x 21	56 x 26	—	—	—	—	—	—	—
12	61 x 6	61 x 11	61 x 16	61 x 21	61 x 26	—	—	—	—	—	—	—



Note: Structural Housing Dimensions (width x length) are in inches. For overall dimensions add 0.75" per side for the mounting lip.



CRH & CRG E-Mitter (122 x 122 mm)

Custom Engineered/Manufactured Panels

- Multiple panels are used for larger arrays.
- Consult factory for larger panels not shown in table or custom panels with other spacings. Minimum spacing for CRH and CRG heaters is 5.00" x 5.00".
- Special narrow panels having a maximum 25 rows x 1 or 2 columns, & up to 8 rows x 9 columns can be made on special order (max. housing size 121" x 26").

We welcome your inquiries.
Take advantage of Tempco's economical approach to manufacturing panels.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.



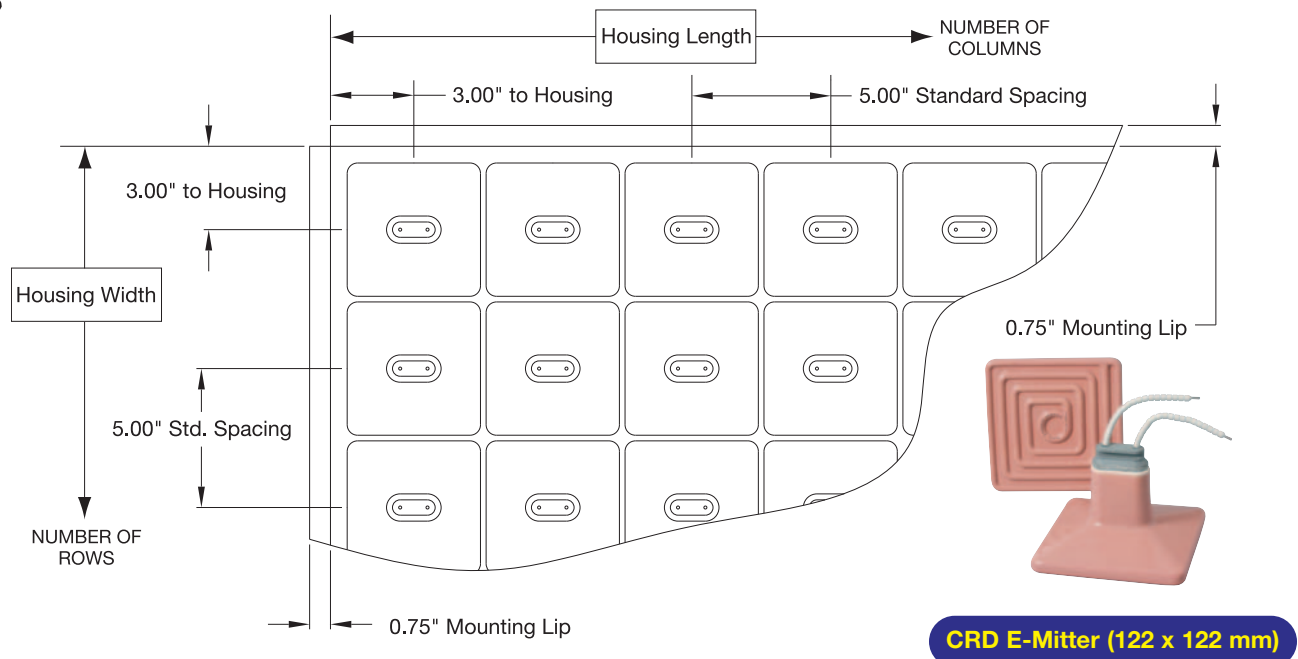
Series CRD E-Mitter Panel Arrays Standard Style ARA Structural Housing Dimensions

A) The Number of Rows will determine the Housing Width. For overall width add 1.50" (for the mounting lips).
 B) The Number of Columns will determine the Housing Length. For overall length add 1.50" (for the mounting lips).

Number of Rows	Number of Columns											
	1 W x L	2 W x L	3 W x L	4 W x L	5 W x L	6 W x L	7 W x L	8 W x L	9 W x L	10 W x L	11 W x L	12 W x L
1	6 x 6	6 x 11	6 x 16	6 x 21	6 x 26	6 x 31	6 x 36	6 x 41	6 x 46	6 x 51	6 x 56	6 x 61
2	11 x 6	11 x 11	11 x 16	11 x 21	11 x 26	11 x 31	11 x 36	11 x 41	11 x 46	11 x 51	11 x 56	11 x 61
3	16 x 6	16 x 11	16 x 16	16 x 21	16 x 26	16 x 31	16 x 36	16 x 41	16 x 46	16 x 51	16 x 56	16 x 61
4	21 x 6	21 x 11	21 x 16	21 x 21	21 x 26	21 x 31	21 x 36	21 x 41	21 x 46	21 x 51	21 x 56	21 x 61
5	26 x 6	26 x 11	26 x 16	26 x 21	26 x 26	26 x 31	26 x 36	26 x 41	26 x 46	26 x 51	26 x 56	26 x 61
6	31 x 6	31 x 11	31 x 16	31 x 21	31 x 26	31 x 31	31 x 36	31 x 41	31 x 46	31 x 51	—	—
7	36 x 6	36 x 11	36 x 16	36 x 21	36 x 26	36 x 31	36 x 36	36 x 41	36 x 46	—	—	—
8	41 x 6	41 x 11	41 x 16	41 x 21	41 x 26	41 x 31	41 x 36	41 x 41	—	—	—	—
9	46 x 6	46 x 11	46 x 16	46 x 21	46 x 26	46 x 31	46 x 36	—	—	Dimensions are in inches		
10	51 x 6	51 x 11	51 x 16	51 x 21	51 x 26	51 x 31	—	—				
11	56 x 6	56 x 11	56 x 16	56 x 21	56 x 26	—	—	—	—	—	—	—
12	61 x 6	61 x 11	61 x 16	61 x 21	61 x 26	—	—	—	—	—	—	—



Note: Structural Housing Dimensions (width x length) are in inches.
 For overall dimensions add 0.75" per side for the mounting lip.



Custom Engineered/Manufactured Panels

- Multiple panels are used for larger arrays.
- Consult factory for larger panels not shown in table or custom panels with other spacings. Minimum spacing for CRD heaters is 5.00" x 5.00".
- Special narrow panels having a maximum 25 rows x 1 or 2 columns, & up to 8 rows x 9 columns can be made on special order (max. housing size 121" x 26").

**We welcome your inquiries.
 Take advantage of Tempco's economical approach to manufacturing panels.**

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.