

## HEATER SUBMITTAL SHEET

## ELX SERIES ELECTRIC HEATERS-24"

## SHORT WAVE AND MEDIUM WAVE ELECTRIC INFRARED HEATERS

Submitted By: _____	Date: _____
Local Representative: _____	Name: _____
Phone: _____	Email: _____
Notes: _____	
Engineer: _____	Contractor: _____
Project Title: _____	Phone: _____
Address: _____	Address: _____
City: _____	City: _____
State: _____ Zip: _____	State: _____ Zip: _____

## CHOOSING AN ELX MODEL

The ELX Series offers a variety of configurable options including housing color, length, voltage, wattage, element quantity, and element type to fit a wide range of applications.

## VOLTAGE OPTIONS

The ELX Series is available in several voltages including 120, 208, 240, 277, and 480 V. The voltage available to the space is an important consideration when determining which chassis and element type to select as voltage is directly related to wattage.

## CHASSIS OPTIONS

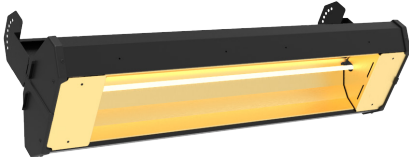
Each application is different, which is why the ELX Series can be customized in a variety of ways, beginning with the chassis. Available in stainless steel or black powder-coated finishes; 24", 33", or 46"; and one, two, or three heating elements.



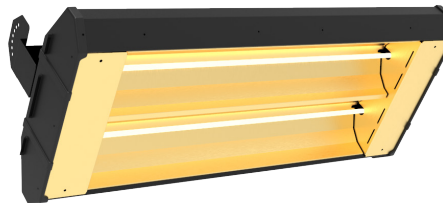
Stainless Steel



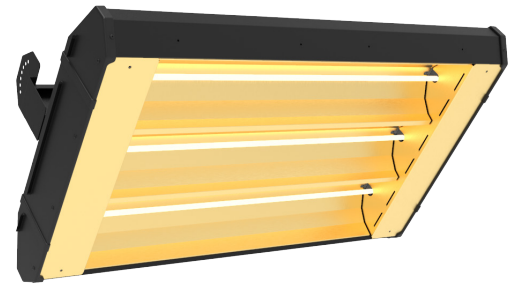
Black Powder-Coat



Single Element



Double Element



Triple Element



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LSELX24-10/22 (BRH)

## 24" LONG MODELS

750 to 4,800 Watts

**NOTE:** The models on this page are housings only. See page 3 for available elements.

### STEP 1: Select Housing Model

	MODEL NUMBER				VOLTS	HEATER TOTAL WATTS	HEATER TOTAL BTUs	HEATER TOTAL AMPS
	BLACK HOUSING	QUANTITY	S.S. HOUSING	QUANTITY				
SINGLE ELEMENT HOUSING	ELX-24B1-120		ELX-24S1-120		120 (A)	EL-SC/R: <b>1,500</b> EL-HO: <b>1,360</b> EL-MW: <b>750</b>	EL-SC/R: <b>5,118</b> EL-HO: <b>4,641</b> EL-MW: <b>2,559</b>	EL-SC/R: <b>12.50</b> EL-HO: <b>11.30</b> EL-MW: <b>6.25</b>
	ELX-24B1-208		ELX-24S1-208		208 (B)	EL-SC/R: <b>1,600</b> EL-HO: <b>1,360</b> EL-MW: <b>750</b>	EL-SC/R: <b>5,459</b> EL-HO: <b>4,641</b> EL-MW: <b>2,559</b>	EL-SC/R: <b>7.69</b> EL-HO: <b>6.53</b> EL-MW: <b>3.60</b>
	ELX-24B1-240		ELX-24S1-240		240 (C)	EL-SC/R: <b>1,600</b> EL-HO: <b>1,360</b> EL-MW: <b>750</b>	EL-SC/R: <b>5,459</b> EL-HO: <b>4,641</b> EL-MW: <b>2,559</b>	EL-SC/R: <b>6.66</b> EL-HO: <b>5.66</b> EL-MW: <b>3.12</b>
	ELX-24B1-277		ELX-24S1-277		277 (D)	EL-SC/R: <b>1,600</b> EL-HO: <b>1,360</b> EL-MW: <b>750</b>	EL-SC/R: <b>5,459</b> EL-HO: <b>4,641</b> EL-MW: <b>2,559</b>	EL-SC/R: <b>5.77</b> EL-HO: <b>4.90</b> EL-MW: <b>2.70</b>
	ELX-24B1-480		ELX-24S1-480		480 (G)	EL-SC/R: <b>1,600</b> EL-HO: <b>1,360</b>	EL-SC/R: <b>5,459</b> EL-HO: <b>4,641</b>	EL-SC/R: <b>3.33</b> EL-HO: <b>2.83</b>
DOUBLE ELEMENT HOUSING	ELX-24B2-120		ELX-24S2-120		120 (A)	EL-SC/R: <b>3,000</b> EL-HO: <b>2,720</b> EL-MW: <b>1,500</b>	EL-SC/R: <b>10,236</b> EL-HO: <b>9,281</b> EL-MW: <b>5,118</b>	EL-SC/R: <b>25.00</b> EL-HO: <b>22.60</b> EL-MW: <b>12.50</b>
	ELX-24B2-208		ELX-24S2-208		208 (B)	EL-SC/R: <b>3,200</b> EL-HO: <b>2,720</b> EL-MW: <b>1,500</b>	EL-SC/R: <b>10,918</b> EL-HO: <b>9,281</b> EL-MW: <b>5,118</b>	EL-SC/R: <b>15.38</b> EL-HO: <b>13.06</b> EL-MW: <b>7.20</b>
	ELX-24B2-240		ELX-24S2-240		240 (C)	EL-SC/R: <b>3,200</b> EL-HO: <b>2,720</b> EL-MW: <b>1,500</b>	EL-SC/R: <b>10,918</b> EL-HO: <b>9,281</b> EL-MW: <b>5,118</b>	EL-SC/R: <b>13.32</b> EL-HO: <b>11.32</b> EL-MW: <b>6.24</b>
	ELX-24B2-277		ELX-24S2-277		277 (D)	EL-SC/R: <b>3,200</b> EL-HO: <b>2,720</b> EL-MW: <b>1,500</b>	EL-SC/R: <b>10,918</b> EL-HO: <b>9,281</b> EL-MW: <b>5,118</b>	EL-SC/R: <b>11.54</b> EL-HO: <b>9.80</b> EL-MW: <b>5.40</b>
	ELX-24B2-480		ELX-24S2-480		480 (G)	EL-SC/R: <b>3,200</b> EL-HO: <b>2,720</b>	EL-SC/R: <b>10,918</b> EL-HO: <b>9,281</b>	EL-SC/R: <b>6.66</b> EL-HO: <b>5.66</b>
TRIPLE ELEMENT HOUSING	ELX-24B3-120		ELX-24S3-120		120 (A)	EL-MW: <b>2,250</b>	EL-MW: <b>7,677</b>	EL-MW: <b>18.75</b>
	ELX-24B3-208		ELX-24S3-208		208 (B)	EL-SC/R: <b>4,800</b> EL-HO: <b>4,080</b> EL-MW: <b>2,250</b>	EL-SC/R: <b>16,378</b> EL-HO: <b>13,922</b> EL-MW: <b>7,677</b>	EL-SC/R: <b>23.07</b> EL-HO: <b>19.59</b> EL-MW: <b>10.80</b>
	ELX-24B3-240		ELX-24S3-240		240 (C)	EL-SC/R: <b>4,800</b> EL-HO: <b>4,080</b> EL-MW: <b>2,250</b>	EL-SC/R: <b>16,378</b> EL-HO: <b>13,922</b> EL-MW: <b>7,677</b>	EL-SC/R: <b>19.98</b> EL-HO: <b>16.98</b> EL-MW: <b>9.36</b>
	ELX-24B3-277		ELX-24S3-277		277 (D)	EL-SC/R: <b>4,800</b> EL-HO: <b>4,080</b> EL-MW: <b>2,250</b>	EL-SC/R: <b>16,378</b> EL-HO: <b>13,922</b> EL-MW: <b>7,677</b>	EL-SC/R: <b>17.21</b> EL-HO: <b>14.70</b> EL-MW: <b>8.10</b>
	ELX-24B3-480		ELX-24S3-480		480 (G)	EL-SC/R: <b>4,800</b> EL-HO: <b>4,080</b>	EL-SC/R: <b>16,378</b> EL-HO: <b>13,922</b>	EL-SC/R: <b>9.99</b> EL-HO: <b>8.49</b>

**NOTE:** Heaters are configured at the factory for single phase wiring. If three phase service is desired, it must be wired as such in the field by a trained installer/electrical contractor.



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## 24" LONG ELEMENTS

**NOTE:** Ensure the element quantity ordered matches the housing model.

### STEP 2: Select Element(s)

120 V (A)				
	ELEMENT PART #	WATTS PER LAMP	TYPE	QUANTITY
24"	EL-SC-A24	1,500	Short Wave–Clear	
	EL-SR-A24	1,500	Short Wave–Ruby	
	EL-HO-A24	1,360	H.O. Medium Wave	
	EL-MW-A24	750	Medium Wave	

277 V (D)				
	ELEMENT PART #	WATTS PER LAMP	TYPE	QUANTITY
24"	EL-SC-D24	1,600	Short Wave–Clear	
	EL-SR-D24	1,600	Short Wave–Ruby	
	EL-HO-D24	1,360	H.O. Medium Wave	
	EL-MW-D24	750	Medium Wave	

208 V (B)				
	ELEMENT PART #	WATTS PER LAMP	TYPE	QUANTITY
24"	EL-SC-B24	1,600	Short Wave–Clear	
	EL-SR-B24	1,600	Short Wave–Ruby	
	EL-HO-B24	1,360	H.O. Medium Wave	
	EL-MW-B24	750	Medium Wave	

480 V (G)				
	ELEMENT PART #	WATTS PER LAMP	TYPE	QUANTITY
24"	EL-SC-G24	1,600	Short Wave–Clear	
	EL-SR-G24	1,600	Short Wave–Ruby	
	EL-HO-G24	1,360	H.O. Medium Wave	

240 V (C)				
	ELEMENT PART #	WATTS PER LAMP	TYPE	QUANTITY
24"	EL-SC-C24	1,600	Short Wave–Clear	
	EL-SR-C24	1,600	Short Wave–Ruby	
	EL-HO-C24	1,360	H.O. Medium Wave	
	EL-MW-C24	750	Medium Wave	

### STEP 3: Verify Element Total Matches Heater Quantity

**EXAMPLE:**

(1) ELX-24B3-277 + (3) EL-HO-D24 = Complete Heater

SHIPPING WEIGHTS		HOUSING	PER HEATER ELEMENT
24"	Single Element Models	15 lbs. (6.8 kg)	2 lbs. (0.9 kg)
	Double Element Models	20 lbs. (9.1 kg)	4 lbs. (1.8 kg)
	Triple Element Models	25 lbs. (11.4 kg)	6 lbs. (2.7 kg)

**NOTE:** Consult factory for bulk packaging of elements.



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## FEATURED SPECIFICATIONS

### APPROVALS

- UL Listed
- Indoor & Outdoor Commercial/Industrial Approval
- Outdoor Residential Approval

### HEATER CONSTRUCTION (Choose)

- Black powder-coat aluminized steel housing
- 304 brushed stainless steel housing for added durability and corrosion resistance
- High temperature louvered nylon end caps

### LAMP ELEMENTS

- Interchangeable standard medium wave, high-output medium wave, & clear or ruby short wave element options
- Coiled tungsten filament housed within a sealed quartz tubing
- Stainless steel end caps
- Instantaneous heat-up and cool-down

### ELECTRICAL SUPPLY

- Voltages from 120 to 480 VAC
- Single-phase (can be wired in field as three-phase)
- 750 to 1,600 W per element

### CONTROLS

- Field supplied

### MOUNTING

- 0° to 45° adjustable brackets

### REFLECTORS

- Gold-colored, anodized aluminum reflectors reduce visible light glare
- Wide, symmetric design

### LIMITED WARRANTY

- 1 year—All components
- Please contact the factory for further information on the terms and conditions.*

## OPTIONAL ACCESSORIES

- |                                      |  |
|--------------------------------------|--|
| <input type="checkbox"/> EL-1FR24    | Black finish recessed mount—fits 24" single element  |
| <input type="checkbox"/> EL-2FR24    | Black finish recessed mount—fits 24" double element  |
| <input type="checkbox"/> EL-1FR24-SS | Stainless steel recessed mount—fits 24" single element   |
| <input type="checkbox"/> EL-2FR24-SS | Stainless steel recessed mount—fits 24" double element   |
| <input type="checkbox"/> EL-WMB      | Stainless steel wall mounting brackets. Designed to support heater in a sidewall mounting application. One set per heater. |
| <input type="checkbox"/> EL-1WG24    | Stainless steel wire guard—fits 24" single element   |
| <input type="checkbox"/> EL-2WG24    | Stainless steel wire guard—fits 24" double element   |
| <input type="checkbox"/> EL-3WG24    | Stainless steel wire guard—fits 24" triple element   |



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