

## HEATER SUBMITTAL SHEET

## ELX SERIES ELECTRIC HEATERS-46"

## 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 208, 240, 277, 480, and 575 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

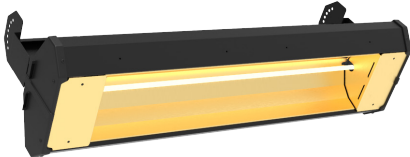
Each application is different, which is why the ELX Series can be customized in a variety of ways, beginning with the chassis. Available in stainless steel or black powder-coated finishes; 24", 33", or 46"; and one, two, or three heating elements.



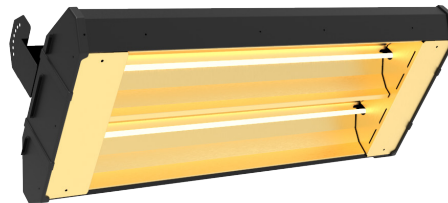
Stainless Steel



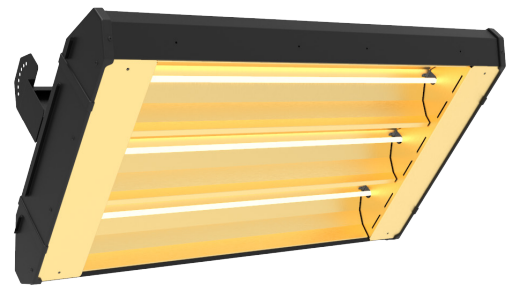
Black Powder-Coat



Single Element



Double Element



Triple Element


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LSELX46-10/21 (DRPC)

## 46" LONG MODELS

2,000 to 11,400 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-46B1-208 <sup>1</sup>		ELX-46S1-208 <sup>1</sup>		208 (B)	EL-MW: 2,000	EL-MW: 6,824	EL-MW: 9.61
	ELX-46B1-240 <sup>1</sup>		ELX-46S1-240 <sup>1</sup>		240 (C)	EL-MW: 2,000	EL-MW: 6,824	EL-MW: 8.33
	ELX-46B1-277 <sup>1</sup>		ELX-46S1-277 <sup>1</sup>		277 (D)	EL-SC/R: 3,200 EL-HO: 3,200 EL-MW: 2,000	EL-SC/R: 10,919 EL-HO: 10,919 EL-MW: 6,824	EL-SC/R: 11.55 EL-HO: 11.55 EL-MW: 7.22
	ELX-46B1-480 <sup>1</sup>		ELX-46S1-480 <sup>1</sup>		480 (G)	EL-SC/R: 3,650 EL-HO: 3,200 EL-MW: 2,000	EL-SC/R: 12,454 EL-HO: 10,919 EL-MW: 6,824	EL-SC/R: 7.60 EL-HO: 6.66 EL-MW: 4.16
	ELX-46B1-575 <sup>1</sup>		ELX-46S1-575 <sup>1</sup>		575 (H)	EL-SC/R: 3,800 EL-HO: 3,200 EL-MW: 3,000	EL-SC/R: 12,966 EL-HO: 10,919 EL-MW: 10,236	EL-SC/R: 6.60 EL-HO: 5.56 EL-MW: 5.21
DOUBLE ELEMENT HOUSING	ELX-46B2-208 <sup>1</sup>		ELX-46S2-208 <sup>1</sup>		208 (B)	EL-MW: 4,000	EL-MW: 13,649	EL-MW: 19.22
	ELX-46B2-240 <sup>1</sup>		ELX-46S2-240 <sup>1</sup>		240 (C)	EL-MW: 4,000	EL-MW: 13,649	EL-MW: 16.66
	ELX-46B2-277 <sup>1</sup>		ELX-46S2-277 <sup>1</sup>		277 (D)	EL-SC/R: 6,400 EL-HO: 6,400 EL-MW: 4,000	EL-SC/R: 21,838 EL-HO: 21,838 EL-MW: 13,649	EL-SC/R: 23.10 EL-HO: 23.10 EL-MW: 14.44
	ELX-46B2-480 <sup>1</sup>		ELX-46S2-480 <sup>1</sup>		480 (G)	EL-SC/R: 7,300 EL-HO: 6,400 EL-MW: 4,000	EL-SC/R: 24,909 EL-HO: 21,838 EL-MW: 13,649	EL-SC/R: 15.20 EL-HO: 13.32 EL-MW: 8.32
	ELX-46B2-575 <sup>1</sup>		ELX-46S2-575 <sup>1</sup>		575 (H)	EL-SC/R: 7,600 EL-HO: 6,400 EL-MW: 6,000	EL-SC/R: 25,932 EL-HO: 21,838 EL-MW: 20,473	EL-SC/R: 13.20 EL-HO: 11.12 EL-MW: 10.42
TRIPLE ELEMENT HOUSING	ELX-46B3-208 <sup>1</sup>		ELX-46S3-208 <sup>1</sup>		208 (B)	EL-MW: 6,000	EL-MW: 20,473	EL-MW: 28.83
	ELX-46B3-240 <sup>1</sup>		ELX-46S3-240 <sup>1</sup>		240 (C)	EL-MW: 6,000	EL-MW: 20,473	EL-MW: 24.99
	ELX-46B3-277 <sup>1</sup>		ELX-46S3-277 <sup>1</sup>		277 (D)	EL-MW: 6,000	EL-MW: 20,473	EL-MW: 21.66
	ELX-46B3-480 <sup>1</sup>		ELX-46S3-480 <sup>1</sup>		480 (G)	EL-SC/R: 10,950 EL-HO: 9,600 EL-MW: 6,000	EL-SC/R: 37,363 EL-HO: 32,757 EL-MW: 20,473	EL-SC/R: 22.80 EL-HO: 19.98 EL-MW: 12.48
	ELX-46B3-575 <sup>1</sup>		ELX-46S3-575 <sup>1</sup>		575 (H)	EL-SC/R: 11,400 EL-HO: 9,600 EL-MW: 9,000	EL-SC/R: 38,898 EL-HO: 32,757 EL-MW: 30,709	EL-SC/R: 19.80 EL-HO: 16.68 EL-MW: 15.63

<sup>1</sup> Not available to ship via UPS. Truckline only.

**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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## 46" LONG ELEMENTS

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

### STEP 2: Select Element(s)

208 V (B)				
	ELEMENT PART #	WATTS PER LAMP	TYPE	QUANTITY
46"	EL-MW-B46	2,000	Medium Wave	

240 V (C)				
	ELEMENT PART #	WATTS PER LAMP	TYPE	QUANTITY
46"	EL-MW-C46	2,000	Short Wave–Clear	

277 V (D)				
	ELEMENT PART #	WATTS PER LAMP	TYPE	QUANTITY
46"	EL-SC-D46	3,200	Short Wave–Clear	
	EL-SR-D46	3,200	Short Wave–Ruby	
	EL-HO-D46	3,200	H.O. Medium Wave	
	EL-MW-D46	2,000	Medium Wave	

480 V (G)				
	ELEMENT PART #	WATTS PER LAMP	TYPE	QUANTITY
46"	EL-SC-G46	3,650	Short Wave–Clear	
	EL-SR-G46	3,650	Short Wave–Ruby	
	EL-HO-G46	3,200	H.O. Medium Wave	
	EL-MW-G46	2,000	Medium Wave	

575 V (H)				
	ELEMENT PART #	WATTS PER LAMP	TYPE	QUANTITY
46"	EL-SC-H46	3,800	Short Wave–Clear	
	EL-SR-H46	3,800	Short Wave–Ruby	
	EL-HO-H46	3,200	H.O. Medium Wave	
	EL-MW-H46	3,000	Medium Wave	

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

**EXAMPLE:**

(1) ELX-43B3-277 + (3) EL-HO-D46 = Complete Heater

SHIPPING WEIGHTS		HOUSING	PER HEATER ELEMENT
46"	Single Element Models	24 lbs. (10.8 kg)	4 lbs. (1.8 kg)
	Double Element Models	32 lbs. (11.8 kg)	8 lbs. (3.6 kg)
	Triple Element Models	40 lbs. (18.1 kg)	12 lbs. (5.4 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 208 to 575 VAC
- Single-phase (can be wired in field as three-phase)
- 2,000 to 3,800 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"/> <b>EL-1FR46</b>    | Black finish recessed mount—fits 46" single element  |
| <input type="checkbox"/> <b>EL-2FR46</b>    | Black finish recessed mount—fits 46" double element  |
| <input type="checkbox"/> <b>EL-1FR46-SS</b> | Stainless steel recessed mount—fits 46" single element   |
| <input type="checkbox"/> <b>EL-2FR46-SS</b> | Stainless steel recessed mount—fits 46" double element   |
| <input type="checkbox"/> <b>EL-WMB</b>      | Stainless steel wall mounting brackets. Designed to support heater in a sidewall mounting application. One set per heater. |
| <input type="checkbox"/> <b>EL-1WG46</b>    | Stainless steel wire guard—fits 46" single element   |
| <input type="checkbox"/> <b>EL-2WG46</b>    | Stainless steel wire guard—fits 46" double element   |
| <input type="checkbox"/> <b>EL-3WG46</b>    | Stainless steel wire guard—fits 46" triple element   |



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