



## Configuring ELX 46" Electric Infrared Heaters

### ELX SERIES ELECTRIC HEATERS-46"

SHORT WAVE AND MEDIUM WAVE ELECTRIC INFRARED HEATERS

### 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

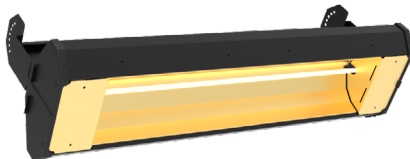
Each application is different, which is why the ELX Series can be customized in a variety of ways, beginning with the chassis. Available in stainless steel or black powder-coated finishes; 24", 33", or 46"; and one, two, or three heating elements.



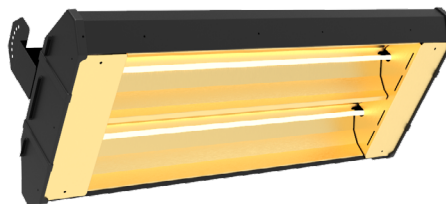
Stainless Steel



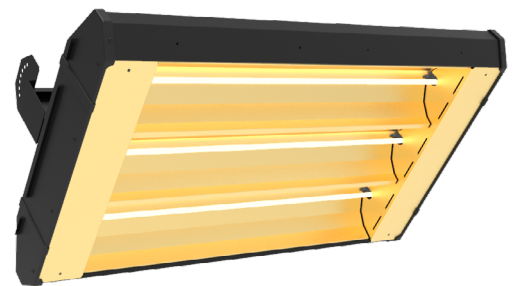
Black Powder-Coat



Single Element



Double Element



Triple Element

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



## 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
46"	DT-EL-MW-B46	2,000	Medium Wave

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

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

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

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

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

**EXAMPLE:**

(1) ELX-46B3-277 + (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.



## 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

<b>DT-EL-1FR46</b>	Black finish recessed mount—fits 46" single element
<b>DT-EL-2FR46</b>	Black finish recessed mount—fits 46" double element
<b>DT-EL-1FR46-SS</b>	Stainless steel recessed mount—fits 46" single element
<b>DT-EL-2FR46-SS</b>	Stainless steel recessed mount—fits 46" double element
<b>DT-EL-WMB</b>	Stainless steel wall mounting brackets. Designed to support heater in a sidewall mounting application. One set per heater.
<b>DT-EL-1WG46</b>	Stainless steel wire guard—fits 46" single element
<b>DT-EL-2WG46</b>	Stainless steel wire guard—fits 46" double element
<b>DT-EL-3WG46</b>	Stainless steel wire guard—fits 46" triple element

