



## Configuring ELX 24" Electric Infrared Heaters

### ELX SERIES ELECTRIC HEATERS-24"

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

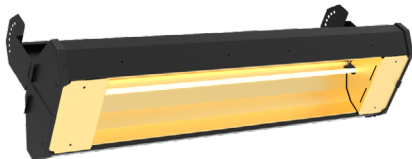
Each application is different, which is why the ELX Series can be customized in a variety of ways, beginning with the chassis. Available in stainless steel or black powder-coated finishes; 24", 33", or 46"; and one, two, or three heating elements.



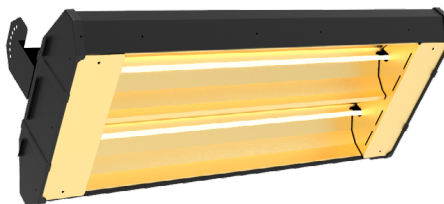
Stainless Steel



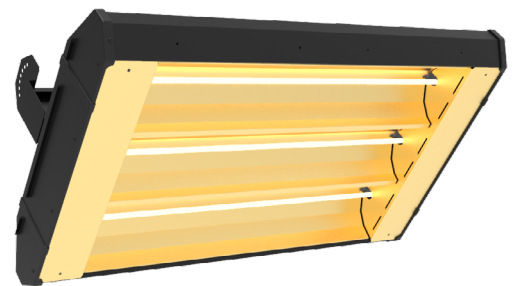
Black Powder-Coat



Single Element



Double Element



Triple Element

## 24" LONG MODELS

750 to 4,800 Watts

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

### HEATER TOTALS

### STEP 1: Select Housing Model

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

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.



## 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
24"	DT-EL-SC-A24	1,500	Short Wave–Clear
	DT-EL-SR-A24	1,500	Short Wave–Ruby
	DT-EL-HO-A24	1,360	H.O. Medium Wave
	DT-EL-MW-A24	750	Medium Wave

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

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

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

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

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

EXAMPLE:

(1) DT-ELX-24B3-277 + (3) DT-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.



## 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

<b>DT-EL-1FR24</b>	Black finish recessed mount—fits 24" single element
<b>DT-EL-2FR24</b>	Black finish recessed mount—fits 24" double element
<b>DT-EL-1FR24-SS</b>	Stainless steel recessed mount—fits 24" single element
<b>DT-EL-2FR24-SS</b>	Stainless steel recessed mount—fits 24" 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-1WG24</b>	Stainless steel wire guard—fits 24" single element
<b>DT-EL-2WG24</b>	Stainless steel wire guard—fits 24" double element
<b>DT-EL-3WG24</b>	Stainless steel wire guard—fits 24" triple element

