



Configuring ELX 33" Electric Infrared Heaters

ELX SERIES ELECTRIC HEATERS-33"

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

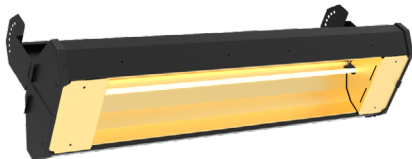
Each application is different, which is why the ELX Series can be customized in a variety of ways, beginning with the chassis. Available in stainless steel or black powder-coated finishes; 24", 33", or 46"; and one, two, or three heating elements.



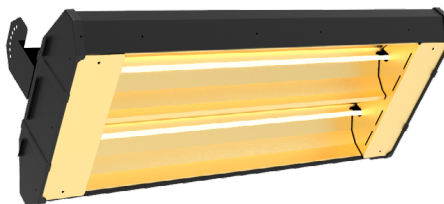
Stainless Steel



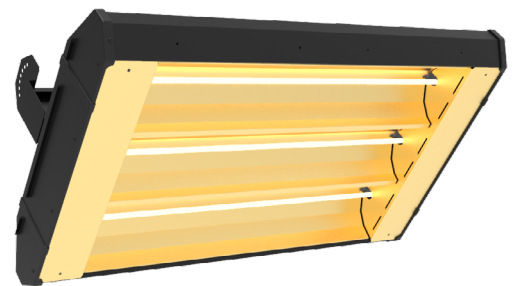
Black Powder-Coat



Single Element



Double Element



Triple Element

33" LONG MODELS

1,250 to 7,500 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-33B1-120	DT-ELX-33S1-120	120 (A)	EL-MW: 1,250	4,265	10.41
	DT-ELX-33B1-208	DT-ELX-33S1-208	208 (B)	EL-SC/R: 2,500 EL-HO: 2,125 EL-MW: 1,250	8,530 7,251 4,265	12.00 10.20 6.00
	DT-ELX-33B1-240	DT-ELX-33S1-240	240 (C)	EL-SC/R: 2,500 EL-HO: 2,125 EL-MW: 1,250	8,530 7,251 4,265	10.41 8.85 5.20
	DT-ELX-33B1-277	DT-ELX-33S1-277	277 (D)	EL-SC/R: 2,500 EL-HO: 2,125 EL-MW: 1,250	8,530 7,251 4,265	9.02 7.67 4.51
	DT-ELX-33B1-480	DT-ELX-33S1-480	480 (G)	EL-SC/R: 2,500 EL-HO: 2,125	8,530 7,251	5.20 4.42
DOUBLE ELEMENT HOUSING	DT-ELX-33B2-120	DT-ELX-33S2-120	120 (A)	EL-MW: 2,500	8,530	20.82
	DT-ELX-33B2-208	DT-ELX-33S2-208	208 (B)	EL-SC/R: 5,000 EL-HO: 4,250 EL-MW: 2,500	17,061 14,502 8,530	24.00 20.40 12.00
	DT-ELX-33B2-240	DT-ELX-33S2-240	240 (C)	EL-SC/R: 5,000 EL-HO: 4,250 EL-MW: 2,500	17,061 14,502 8,530	20.82 17.70 10.40
	DT-ELX-33B2-277	DT-ELX-33S2-277	277 (D)	EL-SC/R: 5,000 EL-HO: 4,250 EL-MW: 2,500	17,061 14,502 8,530	18.04 15.34 9.02
	DT-ELX-33B2-480	DT-ELX-33S2-480	480 (G)	EL-SC/R: 5,000 EL-HO: 4,250	17,061 14,502	10.40 8.84
TRIPLE ELEMENT HOUSING	DT-ELX-33B3-208 ¹	DT-ELX-33S3-208 ¹	208 (B)	EL-MW: 3,750	12,796	18.00
	DT-ELX-33B3-240 ¹	DT-ELX-33S3-240 ¹	240 (C)	EL-MW: 3,750	12,796	15.60
	DT-ELX-33B3-277 ¹	DT-ELX-33S3-277 ¹	277 (D)	EL-SC/R: 7,500 EL-HO: 6,375 EL-MW: 3,750	25,591 21,752 12,796	27.06 23.01 13.53
	DT-ELX-33B3-480 ¹	DT-ELX-33S3-480 ¹	480 (G)	EL-SC/R: 7,500 EL-HO: 6,375	25,591 21,752	15.60 13.26

¹ 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.



33" 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
33"	DT-EL-MW-A33	1,250	Medium Wave

208 V (B)			
	ELEMENT PART #	WATTS PER LAMP	TYPE
33"	DT-EL-SC-B33	2,500	Short Wave–Clear
	DT-EL-SR-B33	2,500	Short Wave–Ruby
	DT-EL-HO-B33	2,125	H.O. Medium Wave
	DT-EL-MW-B33	1,250	Medium Wave

240 V (C)			
	ELEMENT PART #	WATTS PER LAMP	TYPE
33"	DT-EL-SC-C33	2,500	Short Wave–Clear
	DT-EL-SR-C33	2,500	Short Wave–Ruby
	DT-EL-HO-C33	2,125	H.O. Medium Wave
	DT-EL-MW-C33	1,250	Medium Wave

277 V (D)			
	ELEMENT PART #	WATTS PER LAMP	TYPE
33"	DT-EL-SC-D33	2,500	Short Wave–Clear
	DT-EL-SR-D33	2,500	Short Wave–Ruby
	DT-EL-HO-D33	2,125	H.O. Medium Wave
	DT-EL-MW-D33	1,250	Medium Wave

480 V (G)			
	ELEMENT PART #	WATTS PER LAMP	TYPE
33"	DT-EL-SC-G33	2,500	Short Wave–Clear
	DT-EL-SR-G33	2,500	Short Wave–Ruby
	DT-EL-HO-G33	2,125	H.O. Medium Wave

STEP 3: Verify Element Total Matches Heater Quantity

EXAMPLE:

(1) ELX-33B3-277 + (3) EL-HO-D33 = Complete Heater

SHIPPING WEIGHTS		HOUSING	PER HEATER ELEMENT
33"	Single Element Models	19 lbs. (8.6 kg)	3 lbs. (1.4 kg)
	Double Element Models	26 lbs. (11.8 kg)	6 lbs. (2.7 kg)
	Triple Element Models	32 lbs. (14.5 kg)	9 lbs. (4.1 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)
- 1,250 to 2,500 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

DT-EL-1FR33	Black finish recessed mount—fits 33" single element
DT-EL-2FR33	Black finish recessed mount—fits 33" double element
DT-EL-1FR33-SS	Stainless steel recessed mount—fits 33" single element
DT-EL-2FR33-SS	Stainless steel recessed mount—fits 33" double element
DT-EL-WMB	Stainless steel wall mounting brackets. Designed to support heater in a sidewall mounting application. One set per heater.
DT-EL-1WG33	Stainless steel wire guard—fits 33" single element
DT-EL-2WG33	Stainless steel wire guard—fits 33" double element
DT-EL-3WG33	Stainless steel wire guard—fits 33" triple element

