

## Submittal Data

# eSchwank Ghost Series

## Electric Medium Wave Infrared Indoor/Outdoor Heater

Project

Schwank models #

Voltage

Date submitted

### Features

#### Approvals / Certificates

cETLus Certification.

#### Heating Elements

Fast response medium wave carbon fiber bulbs.

#### Heater Materials

Casing: marine grade aluminum alloy, with black powder coating.

Front grille: Stainless Steel 304

Standard color: Powder-coated black.

#### Warranty

2-year warranty on components and parts.

#### Power Supply

240V/ 1PH or 208V / 1PH

Wiring Components UL/CUL/CE listed for outdoor use with IP65 minimum rating.

#### Mounting

Standard wall/ceiling mounting bracket included.

Indoor/Outdoor.

#### Electrical connections

Conduit fitting included.

Copper wire suitable for 90°C (194°F) must be used.

#### Controls

- Standard Remote Control included.
- Schwank.ONE
- Relay Panel with zone analog intensity controller and digital timer.
- On/off control with optional weatherproof box.
- Electro-mechanical Relay Package with 24V thermostatic control.



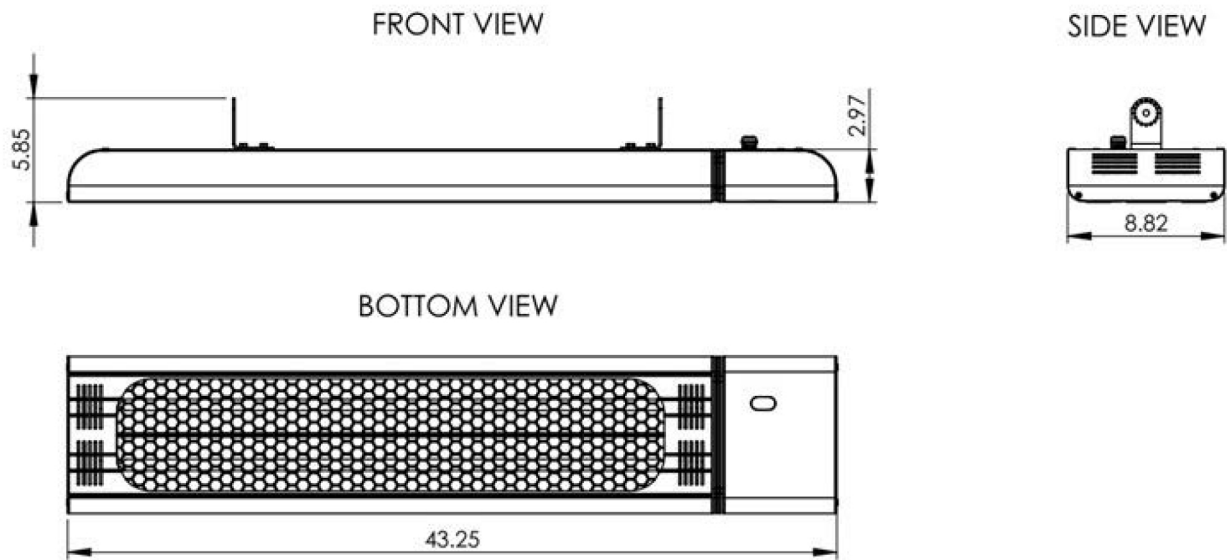
Read the  
I&O Manual

# Performance

Tag	Qty	Model Number	Length (in)	Length (cm)	Watts (BTU/h)	Mounting height	Volts (Phase)	Amps	Ship. Wt. (lbs)
		ESM-4043-24	43.25	110	4000 (13648)	8' to 12'	240 (1PH)	16.7	19.4
		ESM-4043-24	43.25	110	3000 (10236)	8' to 12'	208 (1PH)	14.4	19.4
		ESM-6043-24	43.25	110	6000 (20473)	9' to 14'	240 (1PH)	25.0	19.4
		ESM-6043-24	43.25	110	4500 (15354)	9' to 14'	208 (1PH)	21.6	19.4

**Note:** Heaters are rated for 2 voltages. When connected with 208V circuits, heater output will be reduced by 25%, compared with the output connected with 240V.

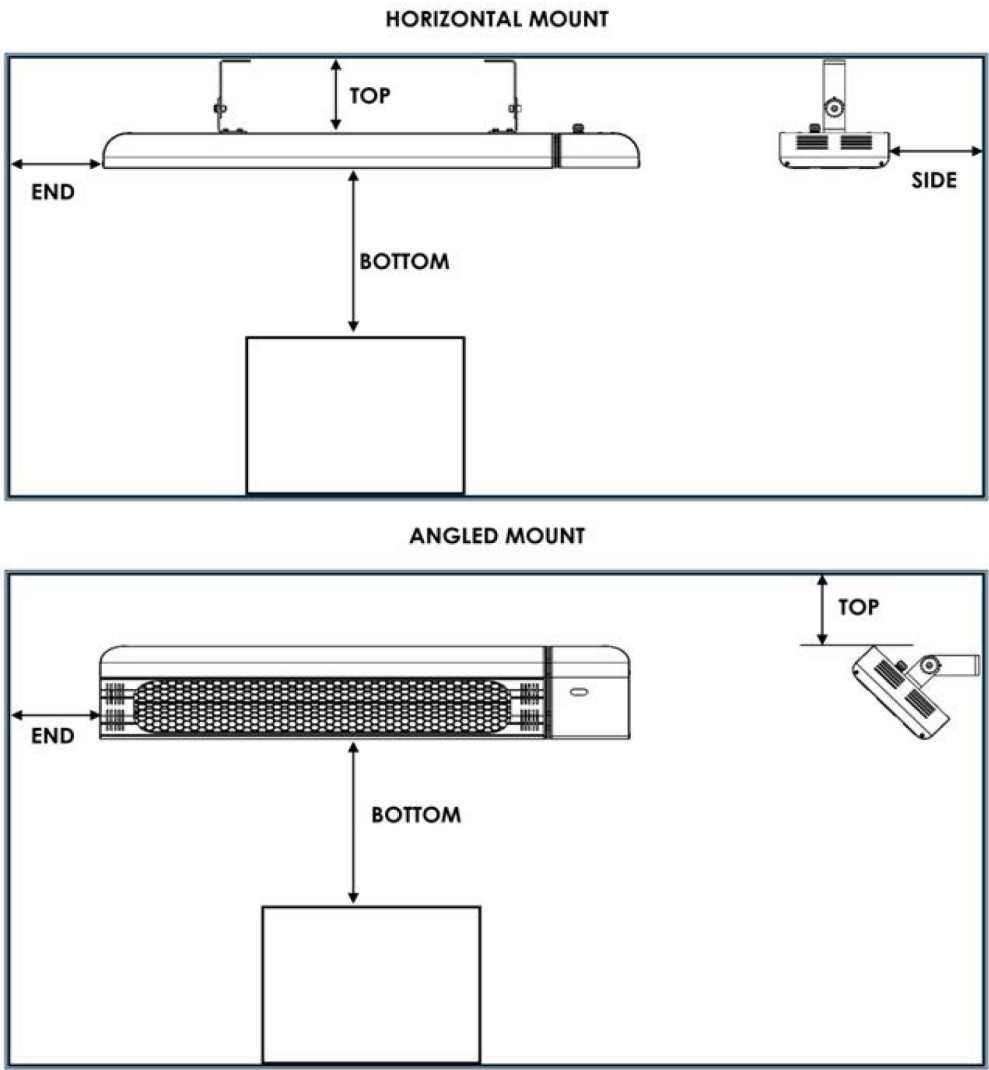
Dimensions



Tag	Qty	Model	Length	Width	Height
		ESM-4043-24	43.25"	8.82"	2.97"
		ESM-6043-24			

Clearance to Combustibles:

The clearance to combustible material represents the minimum distance that must be maintained between the heater and a nearby combustible surface. The stated clearance to combustibles represents a surface temperature of 117°F (65°C) above room temperature. Some materials, such as awnings or plastic, may require higher clearances. It is the installer's responsibility to ensure that building materials with a low heat tolerance, which may degrade at lower temperatures, are protected to prevent degradation.



Tag	Qty	Model	Mounting	Top	Bottom	End	Side
		ESM-4043-24	Horizontal	6"	48"	24"	24" (61 cm)
			Angle	(15 cm)	(122 cm)	(61 cm)	N/A
		ESM-6043-24	Horizontal	6"	48"	24"	24" (61 cm)
			Angle	(15 cm)	(122 cm)	(61 cm)	N/A

## Controls

Tag	Qty	Item Number	Description
		JE-0605-XX	Remote control, ESM-XX43 Heater (Replacement part)

## ON/OFF Controls

Tag	Qty	Item Number	Description
		JM-4400-XX	Single - Flush Mount c/w S/S Wall Plate and Deep Gang Box
		JM-4405-XX	Dual - Flush Mount c/w S/S Wall Plate and Deep Gang Box
		JM-4410-XX	Single - Flush Mount c/w Weatherproof Cover
		JM-4415-XX	Dual - Flush Mount c/w Weatherproof Cover
		JM-4420-XX	Single - Surface Mount c/w Weatherproof Gang Box and Cover
		JM-4425-XX	Dual - Surface Mount c/w Weatherproof Gang Box and Cover
		JM-4300-XX	Single Duplex - Flush Mount c/w S/S Wall Plate and Gang Box
		JM-4305-XX	Dual Duplex - Flush Mount c/w S/S Wall Plate and Deep Box
		JM-4310-XX	Single Duplex - Flush Mount c/w Weatherproof Cover
		JM-4315-XX	Dual Duplex - Flush Mount c/w Weatherproof Cover
		JM-4320-XX	Single Duplex - Surface Mount c/w Weatherproof Box and Cover
		JM-4325-XX	Dual Duplex - Surface Mount c/w Weatherproof Box and Cover

Notes: ON/OFF Controls work with ESM-4043-24 ONLY.

## Solid State Relay Panel

Tag	Qty	Item Number	Description
		JM-4051-XX	Single - Flush Mount c/w S/S Wall Plate and Deep Gang Box
		JM-4052-XX	Dual - Flush Mount c/w S/S Wall Plate and Deep Gang Box
		JM-4053-XX	Single - Flush Mount c/w Weatherproof Cover
		JM-4054-XX	Dual - Flush Mount c/w Weatherproof Cover
		JM-4055-XX	Single - Surface Mount c/w Weatherproof Gang Box and Cover
		JM-4056-XX	Dual - Surface Mount c/w Weatherproof Gang Box and Cover

## Zone Analog Controller

Tag	Qty	Item Number	Description	Exterior Dimensions	Face Plate Dimensions
		JM-4045-XX	1 Zone Analog Controller with Digital Timer	(4-1/2" x 6-3/4" x 2-1/2")	(5-1/2" x 7-3/4")
		JM-4046-XX	2 Zone Analog Controller with Digital Timer	(4-1/2" x 12-1/4" x 2-1/2")	(5-1/2" x 13-3/16")
		JM-4047-XX	3 Zone Analog Controller with Digital Timer	(4-1/2" x 14-3/16" x 2-1/2")	(5-1/2" x 15 ")
		JM-4048-XX	4 Zone Analog Controller with Digital Timer	(4-1/2" x 17-3/4" x 2-1/2")	(5-1/2" x 18-3/4")

# Home management Relay Panel

Tag	Qty	Item Number	Description	Dimensions
		JM-4061-XX	1 Relay Home Management Control Panel	20" X 17" X 7"
		JM-4062-XX	2 Relay Home Management Control Panel	20" X 17" X 7"
		JM-4063-XX	3 Relay Home Management Control Panel	20" X 17" X 7"
		JM-4064-XX	4 Relay Home Management Control Panel	20" X 17" X 7"
		JM-4065-XX	5 Relay Home Management Control Panel	24" X 21" X 7"
		JM-4066-XX	6 Relay Home Management Control Panel	24" X 21" X 7"

## Additional Items

Tag	Qty	Part #	Description