

## SINGLE ELEMENT TYPICAL AREA COVERAGE - feet [m]

PART NUMBER	WATTS	MOUNTING HEIGHT	AVERAGE	COLD	PROTECTED
ES/EL-1533-20	1,500	6' - 8' [1.8 m - 2.4 m]	5' x 5' [1.5 m x 1.5 m]	3' x 3' [.91 m x .91 m]	7' x 7' [2.1 m x 2.1 m]
ES/EL-2039-24	2,000	7' - 9' [2.1 m - 2.7 m]	6' x 6' [1.8 m x 1.8 m]	4' x 4' [1.2 m x 1.2 m]	8' x 8' [2.4 m x 2.4 m]
ES/EL-2539-24	2,500	7' - 9' [2.1 m - 2.7 m]	7' x 7' [2.1 m x 2.1 m]	5' x 5' [1.5 m x 1.5 m]	9' x 9' [2.7 m x 2.7 m]
ES/EL-3061-24	3,000	7' - 9' [2.1 m - 2.7 m]	8' x 8' [2.4 m x 2.4 m]	6' x 6' [1.8 m x 1.8 m]	10' x 10' [3.0 m x 3.0 m]
ES/EL-4061-24	4,000	8' - 11' [2.4 m - 3.4 m]	10' x 10' [3.0 m x 3.0 m]	8' x 8' [2.4 m x 2.4 m]	12' x 12' [3.7 m x 3.7 m]

## DUAL ELEMENT TYPICAL AREA COVERAGE - feet [m]

PART NUMBER	WATTS	MOUNTING HEIGHT	AVERAGE	COLD	PROTECTED
ESD/ELD-4039-24	4,000	8' - 12' [2.4 m - 3.7 m]	8' x 10' [2.4 m x 3.0 m]	6' x 8' [1.8 m x 2.4 m]	10' x 12' [3.0 m x 3.7 m]
ESD/ELD-5039-24	5,000	8' - 12' [2.4 m - 3.7 m]	9' x 10' [2.7 m x 3.0 m]	7' x 8' [2.1 m x 2.4 m]	11' x 12' [3.4 m x 3.7 m]
ESD/ELD-6061-24	6,000	10' - 14' [3.0 m - 4.3 m]	11' x 11' [3.4 m x 3.4 m]	10' x 10' [3.0 m x 3.0 m]	12' x 12' [3.7 m x 3.7 m]

## GENERAL NOTES

electricSchwank [ES/ESD] and EL/ELD Series heaters are furnished with wall/ceiling mount swivel brackets. These brackets may be discarded when the heater is suspended with chains, or other special bracketing.

See 'Specifications' page 2 for full listing of models, voltages, and amperages. At times, especially when the mounting height might be quite low, a greater quantity of smaller heaters can help prevent overheating.

Heaters up to 15 AMPS can be controlled with a simple INF controller. This low cost controller, which is actually an infinite switch, gently pulses the heat on and off at regular intervals when not on full power.

Dual Element Heaters can be wired with Duplex/Stack Switch, which enables the ability to operate each element independently, providing for two-stage [half power/full power] capability.

For best comfort heat, heat from two sides rather than from just one side. However, there are site conditions where this is not practical.

Coverage areas indicated above are typical approximate dimensions and will vary depending on outdoor temperature, wind velocity, and personal comfort levels.

Indoor and well-protected environments will generally exceed the average chart values. Heaters will provide less than average coverage in extremely cold/windy conditions.

## MAINTENANCE INSTRUCTIONS

Before performing any maintenance or cleaning, **power must be disconnected** and the heater cool to touch. Heater housing, reflectors, and heating element can be rinsed with a hose or wiped down with isopropyl alcohol, acetone, or glass cleaner. Use a clean, scratch-free rag or paper towel. Any oxidation, surface rust, or discoloration can be removed with a stainless steel cleaner or metal polish on the bare metal surface.

Make sure all water, solvents, or cleaners are removed and the heater is dry before reconnecting the power.