



ENGLISH

Datasheet

Quartz Heating Element, 247 x 62.5mm, 400 W, 7mm

RS Stock number 7054736



Features

These heaters provide short to medium wavelength radiation and can be the most preferred source of heat when rapid heater response is needed. They are normally used for fast response applications, where the product can't be moved away from the heaters quickly or where long periods of off cycles provide cost saving advantages using these heaters capable of reaching operating temperatures in a matter of seconds. The heaters are comprised of a series of tubes running parallel to each other within highly reflective stainless steel housing. Each tube contains a coiled resistance wire available in a variety of wattages and voltages. Watt densities up to 30 w/ sq. inch (4.65 w/ sq. cm) are available. The large variety of sizes, shapes, and watt densities allows emitters to be highly useful in zoning arrangements such as plastic thermoforming sheet-fed applications where complex heating patterns are needed, high-speed roll-fed processes, and machines requiring precise zone control because they are small in size, and can easily be put in larger panels. Some of these emitters are approximately the same size as our ceramic infrared heaters.

• Dimensions available: 247 x 62.5mm

• Fast Response

• Rapid heat-up

• Rapid cool down

• Ideal for fast cycling machines

• Highly reflective stainless steel casing

• High radiant efficiency

• Low convection losses

• Volts: Heater can be manufactured to suit most supply voltages.