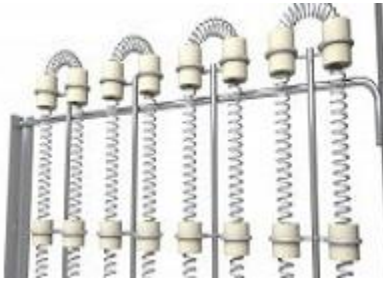


Open Coil Elements



Open Coil Elements

Open coil elements are the most efficient type of electric heating while at the same time, being the most economically feasible for most heating applications. Used predominantly in the duct heating industry, open coil elements have open circuits that heat air directly from the suspended resistive coils. Fast heat up times also improve efficiency while being designed for low maintenance and easily, inexpensive replacement parts.

Open coil heating elements from Wattco are typically made for duct heating, forced air & ovens and for pipe heating applications. Open coil heater elements are made to fit inside standard 2'' or 3'' schedule 40 NPS pipe. Open coil heaters are used in tank and pipe heating and/or metal tubing. A minimum clearance of 1/8'' is required between the ceramic and the inside wall of the tube. Installing an open coil element will provide excellent and uniform heat distribution over a large surface area.

Open coil heater elements are an indirect heating solution to decrease watt density requirements or the heat fluxes on the surface area of the pipe connected to the heated section and prevent heat sensitive materials from coking or breaking down.