



HelicoWatt: Helicoidal cartridges

Coilwatt®

Coilwatt cartridges are the most suitable for heating cylinders and joints. These cartridges, though of small diameter, have great heating power, distributing uniform heat at 360°C. The heater wire is of the highest quality with a thin outer layer of magnesium oxide and enclosed in a stainless steel cover. Everything goes through a process of compression, thereby giving longer life as well as reaching a temperature of 950°C. The whole cartridge is hermetically sealed to prevent the entry of extraneous materials, moisture, fluids, etc. Thermocopy is recommended for the best functioning of Coilwatt resistances.



- Economical
- Uniform temperature
- Variety of terminations

Technical Data

Heat intensity	Not exceeding 10wcm ² (advisable)
Power	Depends on the diameter
Escape of current (when cold)	<=0.1mA a 242 v.
Insulation (when cold)	<=5mA. a 500v.
Dielectric strength	1500v. 1/seg
Working temperature	750°G max.
Tolerance of length	+/-2.5%
Tolerance of diameter	+/-0.1
Tolerance of cut of connexion	+/-15 mlm
Power tolerance (w)	+/- 10 %
Cold areas	Depends on length and diameter 5-15mlm

Use

When a temperature of 360°C of a cylinder has to be exact.

Applications

- Point extrusion
- Tempering of leads

Call us now to discuss your thermocouple needs.

