



ARTI GRAFICHE CONEGLIANO



THE RIGHT HEAT IN THE RIGHT PLACE

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INDUSTRIAL HEATING PROGRAM

**HT AFS LINE
HT ON DEMAND**

HT *the heatmaster*



HT the heatmaster: Industrial heating program

CARTRIDGE HEATERS, STRIP HEATERS, PTC HEATERS, THERMOCOUPLES, NOZZLE BAND HEATERS, MINITUBULAR HEATERS, RESISTANCE THERMOMETERS

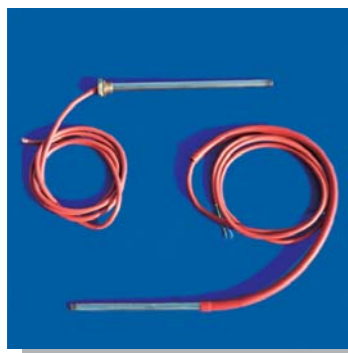
Established in 1978, HT manufactures a complete range of heaters and controls for industrial applications. Whatever your requirements, HT has the right solution. In our AFS LINE (ALWAYS FROM STOCK) you'll find a wide range of off-the-shelf standard items, but if you need special products, tailored according to your requirements, even in small quantities, then we can develop them within our ON DEMAND PROGRAM.

AFS LINE (ALWAYS FROM STOCK) IS OUR RANGE OF OFF-THE-SHELF STANDARD PRODUCTS



AFS LINE HT95000 SERIES – HIGH TEMPERATURE CARTRIDGE HEATERS

The HT95000 SERIES of AFS LINE consists of high density cartridge heaters in metric and imperial sizes, available in a wide selection of loadings from 100W up to 2000W. All work at 230V and are fitted with 1000 mm long leads. The heaters of the HT95000 SERIES are also available with a J-type built-in thermocouple. Earth lead, tinned copper braid or galvanized mild-steel flexible sleeve can be added upon request. The HT95000 SERIES also includes a range of special items, interchangeable with all the most widespread hot melt applications.



AFS LINE PT EV SERIES – PTC HEATERS

The PTC heaters that make up our PTEV SERIES are designed especially for the evaporation of residual water in most Commercial and Industrial air conditioning and refrigeration sectors. Owing to the PTC (Positive Thermal Coefficient) technology the PTEV heaters self-regulate their power output and so guarantee several advantages in terms of Safety, Energy Saving and Reduction of assembling costs. The heaters of the PTEV SERIES (strictly watertight) are available with or without threaded end, according to the assembling requirements of the units. All heaters work at 230V and are fitted with a 3000 mm long PVC cable.



AFS LINE CMMR SERIES – MINITUBULAR HEATERS

HT's CMMR SERIES offers a line of minitubular heaters. Whenever you need to combine high working temperatures with very small sections, then minitubular heaters will surely come up to your expectations. The heaters of the CMMR SERIES can be supplied in a variety of standard sections: round, rectangular and square, as well as with built-in thermocouple. The CMMR SERIE minitubular heaters - able to withstand a max. 750°C working temperature on the tube - are available from 150W/230V up to 2800W/230V and can be fitted with 1000 mm long leads upon request



AFS LINE CMFA SERIES – NOZZLE BAND HEATERS

CMFA SERIES consists of a line of nozzle band heaters generally used in plastic processing applications. The items of the CMFA SERIES can be supplied either in brass or steel executions offering the best choice for any kind of applications, so to guarantee high standards of the heater, high protection from corrosion and appropriate mechanical resistance. The CMFA SERIES nozzle band heaters are available from 100W/230V up to 1200W/230 V – with a 300°C-400°C max. working temperature. A J-type thermocouple can be fitted upon request.



AFS LINE CMTC SERIES – THERMOCOUPLES

AFS LINE CMPT SERIES – RESISTANCE THERMOMETERS

These two series represents HT's offer in the field of temperature control in industrial processes. The CMTC SERIES is a line of type J (iron – constantane) and type K (chrome – aluminum) thermocouples suitable respectively for use up to 750°C and to 1200°C. The resistance thermometers of the CMPT SERIES are metallic (platinum) elements whose resistance varies with the temperature allowing accurate measurements within a temperature range of -200°C up to 850°C.

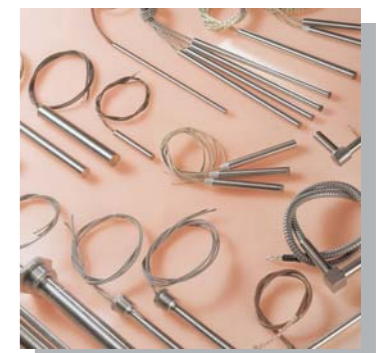
HT ON DEMAND

This is HT's program aimed to match customers' needs when AFS LINE is not enough. Since 1978 HT has been dealing with many OEM customers working side by side with them to the development of really innovative products for a variety of applications, such as: steam generators for coffee makers, double insulation heaters for domestic heating applications, a wide range of heaters for the plastic industry, hot melt applications, compressors, air conditioning, automotive, energy plants, packaging, food equipment, solar panels and many others. Over the years the daily challenge of developing special tailor-made designs, even in small batches, guaranteeing at the same time service (short delivery times), quality and aggressive prices, has helped us to put HT where it is today as market leader. We are proud to put these skills at your service.
TODAY HT ON DEMAND CAN OFFER YOU:



LOW (LT TYPE) AND MEDIUM (MA TYPE) DENSITY HEATERS

Suitable for quite a number of non-critical industrial applications, these heaters can be fitted with a built-in thermocouple, leads or cables suitable for any working temperature (also protected by means of a tinned copper braid or a galvanized mild/steel flexible sleeve) and welded fittings. Other features available upon request are: right-angled exits, special construction materials, earth lead, graded loading distribution.



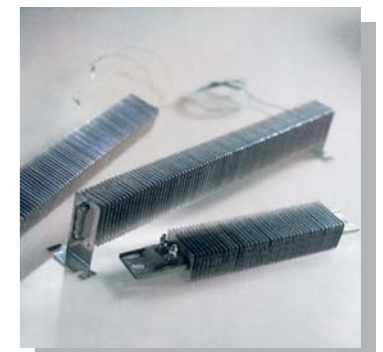
HIGH (HT TYPE) DENSITY HEATERS

Suitable for non-critical industrial applications where small dimensions must combine with high power density, they can be fitted with a built-in thermocouple, leads or cables suitable for any kind of working temperature (also protected by means of a tinned copper braid or a galvanized mild/steel sleeve) and welded fittings. Other features available upon request are: right-angled exits, special construction materials, earth lead, graded loading distribution.



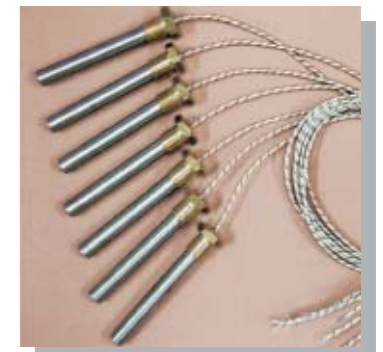
STRIP HEATERS (ST TYPE)

Finned or not, they represent the ideal solution for heat shrink applications, plan heating, indirect heating of glues and compounds or to work in free air such as in cabinets or shafts. Strips size is 40mmx10mm and they can have any length and be fitted with a built-in thermocouple. Many finishing options are also available such as: leads, slots or terminals. The 52mmx37mm fins are made of aluminated mild steel or aluminium.



PTC HEATERS (PT TYPE)

These are self-regulating heaters that utilize the PTC (Positive Thermal Coefficient) technology. Owing to this plus PTC heaters are the perfect choice when immersed in fluids, fitted in heating moulds or working in free air. This system also guarantees several advantages in terms of Safety, Energy Saving and Assembling costs reduction.



HT ON DEMAND IS HT'S PROGRAM THAT MATCHES CUSTOMERS' NEEDS WHEN AFS LINE IS NOT ENOUGH