

Watt-Flex® Split-Sheath Cartridge Heaters

T E C H N I C A L B R I E F

REDUCE YOUR COST OF HEATING!

What is more important to your company's production: up front cost of the heater or total cost of heating? Making purchasing decisions based on the total cost of heating rather than the price of the heater is the mark of an effective professional.

The purchase price of a Watt-Flex cartridge heater may be slightly higher than a conventional cartridge heater. But that is only one component of the educated decision-making process.

Because Watt-Flex heaters transfer heat more effectively through maximized contact with the wall of the bore, less power is consumed to maintain the set point temperature. This results in reduced operating costs.

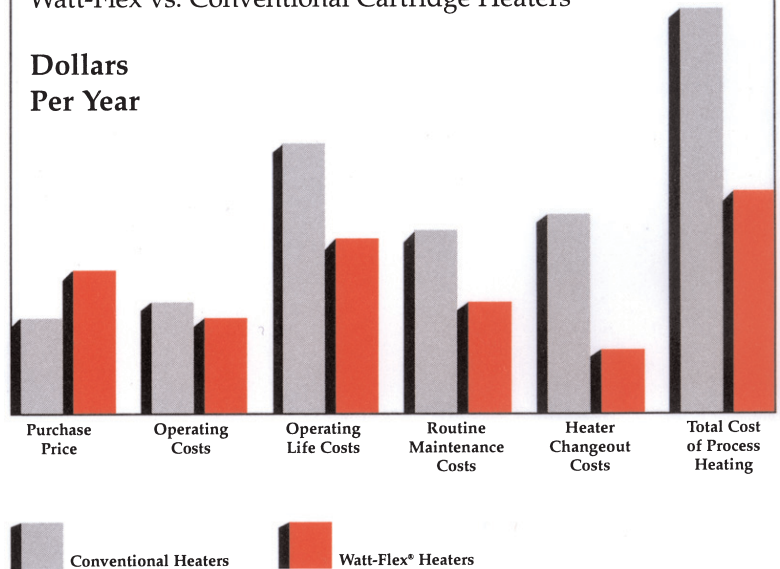
Watt-Flex heater construction eliminates the ceramic core typically found in the conventional heater. This allows increased dielectric compaction and better insulation which, combined with better heat transfer, results in significantly longer heater life.



The Cost of Process Heating

Watt-Flex vs. Conventional Cartridge Heaters

Dollars
Per Year



Watt-Flex cartridge heaters generally last 50% longer than conventional heaters. Heating cost is reduced since far fewer heaters are used in the course of a year. Additionally, routine maintenance costs are cut and down time for heater replacement is controlled.

Because Watt-Flex cartridge heaters contract when de-energized and eliminate bore seizure, expensive drillout and maintenance costs are sharply reduced. And ease of heater changeout saves the bore from damage that can hinder future performance.

When all cost reductions are factored into the Cost of Heating calculation, the Watt-Flex cartridge heater provides a 40% cost reduction on average. This makes the Watt-Flex cartridge heater the heater of choice for process heating. ●



**ELECTRIC
HEATING CO., INC.**

28 Hayward Street, Ipswich, MA 01938
Tel. (978) 356-9844 • Fax: (978) 356-9846