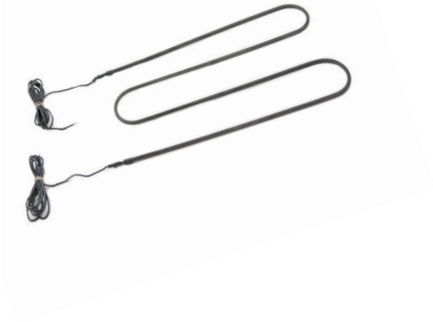


BACKER SPRINGFIELD



NMH Heater

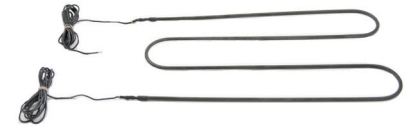
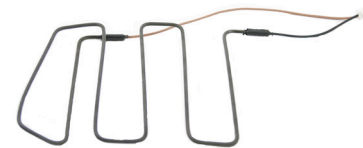
Backer Springfield's NMH heater is expertly designed as a lightweight, durable solution for defrost applications. All heaters are UL listed and can withstand higher voltages and are suitable for low flashpoint refrigerants.

BENEFITS

- Greater dielectric strength
- Rapid heat
- Suitable for low flashpoint refrigerants
- Lightweight
- Cost effective

APPLICATIONS

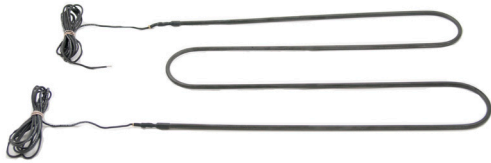
- Commercial Refrigeration
- Defrost
- Transportation



The NMH heater's unique construction results in an element with faster response time and lower thermal mass. The heater is surrounded by a metal sheath which contributes to overall protection and increased mechanical strength. Its lightweight design allows for easy installation for operators. Customization is available to suit your application with variations in materials and technical specifications.



NMH HEATER



CONSTRUCTION

The NMH heater is specially constructed to ensure that all materials are appropriate for your application. Our unique design provides optimal heat through conduction with greater dielectric strength. Backer sales and engineering support will ensure suitability for your application.

AVAILABLE MATERIALS

Backer has the ability to customize different materials & configurations in order to best meet your heating needs.

Heater Wire Insulation (based on W/ft)

PVC
Silicone
Fiberglass Braided

Metal Sheath

Incoloy 800, 840
SS 300
Aluminum

AVAILABLE CONSTRUCTION

Rated Voltage up to 600 V

Rated Power up to 50 W/ft.

Diameter 0.250in, .0260in. (round)
0.25/0.75 in. (oval)

AVAILABLE OPTIONS

Temperature Sensor (thermistor)
Temperature Control (bi-metal/electromechanical)
Thermal Cut-Off (TCO)
Standard Safety F

END SEAL VARIATIONS

Heat shrink end seal - reduced overall thickness

Molded end seal - more robustness and flexibility

WIRE TERMINATIONS

Many customer selectable options available



BACKER
SPRINGFIELD



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