Quartz Single and Triple-Tube Style Heaters

Design Features
• 26 watts/in² (4.0 watts/cm²) for long service life
• Heavy duty, long lasting construction
• T1 thermal fuse protection standard; T2 bi-metal switch optional
• Replaceable element and quartz tube
• Grounded for safety
• UL listed up to 4 KW/assembly for US and Canada
• Vapor-tight polypropylene terminal enclosure with universal mounting bracket
• Standard 3-ft. flexible PVC liquid-tight conduit
• Standard guards are made of polypropylene. Fluoropolymer (PTFE) guards are available for chromic acid and temperatures above 180°F (82°C).
• KMH1 Single-Phase standard; three-phase available as an option
• KMH3 consists of three individual single-phase heaters, which can be wired delta in the field to achieve a three-phase balanced operating system; individual elements are field replaceable
• 120, 240, 480 volts standard as listed—other voltages available
• Longer lengths available; consult Tempco

Vertical Length

Hot Zone

Typical Applications
For plating tanks, pickling and other acidic aqueous solutions. Check compatibility guide on pages 11-88 and 11-89 and with chemical supplier for proper sheath material selection.

Not for use in hydrofluoric acid or alkaline solutions.

Ordering Code: K M H

Type: KMH1 or KMH3

Length (in.)

Watts + 100

Voltage
1 – 120
2 – 240
4 – 480

Hot Zone (in.)

Phase: 1 or 3

Thermal Over-Temperature Protection

Thermal Fuse
1L – Solutions up to 180°F
1M – Solutions from 180°F to 220°F

Bi-Metal Switch
2L – Solutions up to 180°F
2M – Solutions from 180°F to 220°F

Conduit Length (in.)
36" standard

Standard Watts vs. Length and Hot Zone

Ordering Information
KMH1 and KMH3 heaters are offered with the options listed in this worksheet. Create an ordering code by filling in the blanks with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.

CAUTION NOT FOR USE IN HYDROFLUORIC ACID OR ALKALINE SOLUTIONS.

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

(800) 323-6659 • Email: sales@tempco.com

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