



Power Variations

Cartridge Heater Options — Internal Power Variations



Type DW Distributed Wattage



Type 3PH Three Phase



Type DV 🗌 🛛 Dual Voltage



Type DWV Dual Circuits



Type MHZ Multiple Heat Zones (3-Zones Maximum)



Type GJ Grounded Element Winding



Type GL Ground Lead/Sheath

Available on HDC and HDM cartridge heaters Cartridge heaters can be designed to vary the wattage along the length of the heater. Specify number of zones and the required watts and length per zone starting from the disk end. Leads can be connected externally or internally. Picture shows a heater with Type N externally connected leads. Heaters with other terminations may require a longer cold section at the lead end.

Available on HDC, HDM, and LDC cartridge heaters 1/2" diameter and larger (See page 2-4)

In order to minimize the gauge of the wiring on high wattage cartridge heaters, 3-phase elements can be designed.

Available on HDC, HDM, and LDC cartridge heaters 3/8" diameter and larger (See page 2-4)

3/8" and 1/2" diameter heaters may require a larger diameter transition area at lead end.

Cartridge heaters can be designed using 3-wire series/parallel circuits for dual voltage applications. Whether the heater is run on the high or low voltage, the wattage will be the same.

DV1 120/240 volts **DV2** 240/480 volts

Available on HDC, HDM, and LDC cartridge heaters 1/2" diameter and larger (See page 2-4)

Independent resistance elements can be designed in a single cartridge heater for added versatility.

Available on HDC and HDM cartridge heaters 3/8" diameter and larger (See page 2-4)

3/8" and 1/2" diameter heaters may require a larger diameter transition area at lead end.

Multiple independently operated sections of the heater with a common wiring connection can be designed for increased flexibility.

Available on HDC, HDM, and LDC cartridge heaters

For DC applications where the electrical circuit is negative grounded, the cartridge heater can be designed with one side of the element winding grounded to the sheath and a single lead wire exiting the cartridge heater.

Available on HDC, HDM, and LDC cartridge heaters

For those applications requiring a separate ground lead attached to the cartridge heater sheath.

Standard ground lead wire is a 10" long insulated stranded conductor. Optional insulated and color coded leads are available.



Available through the Hi-Density Cartridge Heater Terminator Program for 2nd Day Delivery