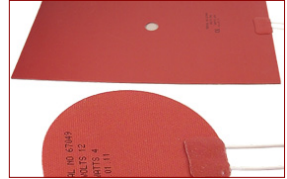


heaters



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Resistance and Power Calculations Ohm's Law / Watt's Law	
Ohm's Law: $V = IR$	
States the relationship between current, voltage and resistance	
Watt's Law: $P = VI$	
States the relationships of power to current, voltage and resistance	
(where: I = current P = power R = resistance V = voltage)	

Temperature Conversions	
Celsius to Fahrenheit	$^{\circ}\text{F} = 1.8 (^{\circ}\text{C}) + 32$
Celsius to Kelvin	$^{\circ}\text{C} + 273.15$
Fahrenheit to Celsius	$^{\circ}\text{C} = (^{\circ}\text{F} - 32) / 1.8$
Fahrenheit to Kelvin	$^{\circ}\text{K} = (^{\circ}\text{F} - 32) / 1.8 + 273.15$

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