



# RAPT°R Selection Sheet

**Part number format:**

Sample PN: BKTF-3700-6-48.0-L24-1

**BK TF - 3700 - 6 - 48.0 - L24 - 1**

**A**
**B**
**C**
**D**
**E**
**F**
**G**

**A**

**Heater type:**

- BK Kapton Heater
- BR Silicone Rubber Heater

**B**

**Tube and Conductor Type:**

- TF Teflon Tube, Etched Foil Heater
- TW Teflon Tube, Wire Heater
- RF Stainless Steel Tube, Etched Foil Heater
- RW Stainless Steel Tube, Wire Heater

**C**

**Birk Part Number:**

- 3700 0.063" OD
- 3701 0.125" OD
- 3702 0.250" OD
- 3703 0.500" OD
- 3704 0.750" OD

**D**

**Length of Tube**

- 6 6"
- 12 12"
- 24 24"

**E**

**Resistance**

Refer to configurator for Resistance Options

**F**

**Lead Length**

- L12 12" length
- L24 24" length

**G**

**Sensor**

- 0 No Sensor
- 1 Type "J" Thermocouple
- 2 100 ohm RTD

**Ohm's Law**

$$V = IR \quad W = \frac{V^2}{R}$$

$$R = \frac{V^2}{W} \quad V = \sqrt{RW}$$