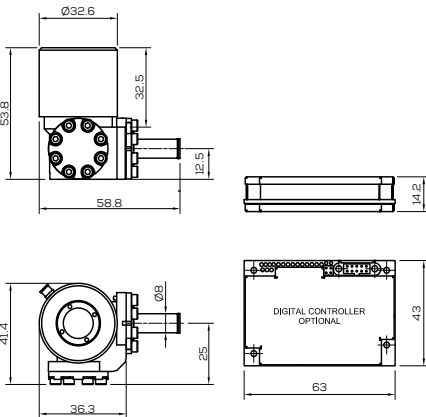


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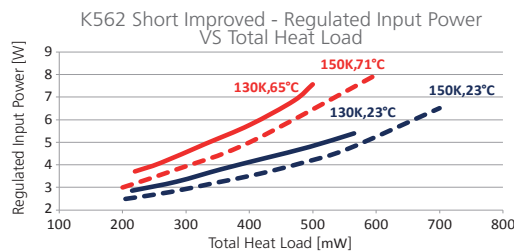
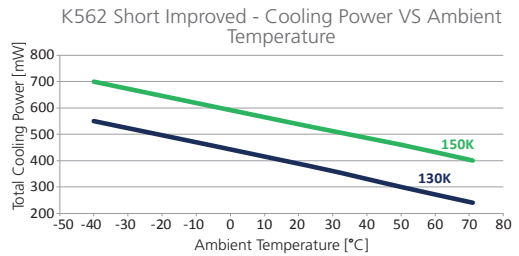
SHORT IMPROVED



- Compact, Lightweight and Low Power Microcooler
- Cooler Weight <185 grams , <2.8Wdc at 150K
- For HOT Detectors at 130-180K
- Uses 8mm Short Cold Finger for High Efficiency
- Specially Designed to Fit Handheld Thermal Imagers



Dimensions in mm



SPECIFICATIONS

• Total cooling power: 400mW@150K@71°C 240mW@130K@71°C	• Cold tip temperature range: 130K-180K	• Meets environmental conditions per MIL-STD-810
• MTTF: >17,000hr @ Basic profile	• Product maturity: under production	• Acoustic noise: non detectable from 25m according to MIL-STD-1474E
• Steady state input power: (200mW@150K@23°C): 2.5Wdc typ.	• Cooler weight: 185gr	• Service life: 15 years
• Maximum input power: 11Wdc typ.	• Controller weight: 30gr	• Standard warranty*: 3,000hr/2 years
• Cool down time: (150J@150K@23°C): 3.5 min. typ.	• Input voltage: 12Vdc typ.	• Option to propose extended warranty
	• Ambient temperature range: - Operational: -40°C...+71°C - Non-Operational: -55°C...+85°C	
	• Temperature stability: ±0.2K	