

SUNPOWER

CryoTel® GT

16 W Cryocooler

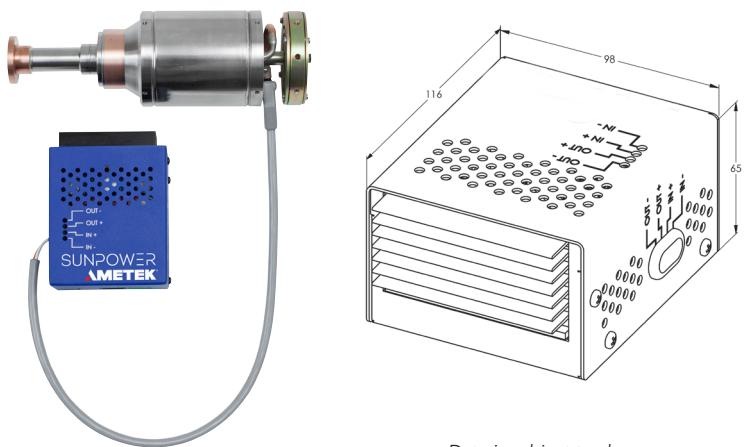
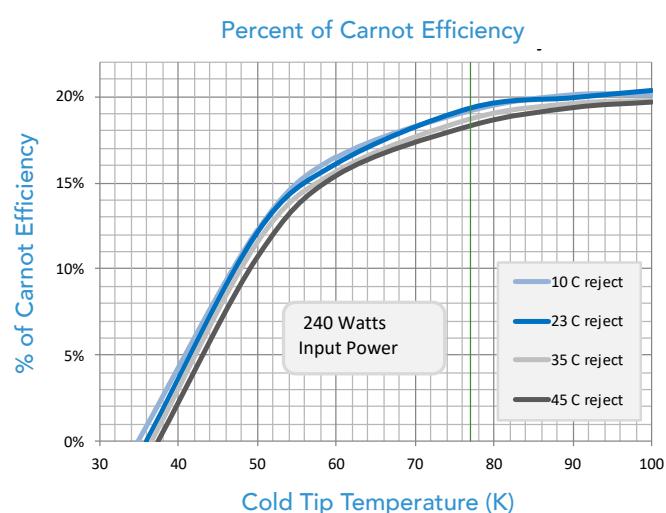
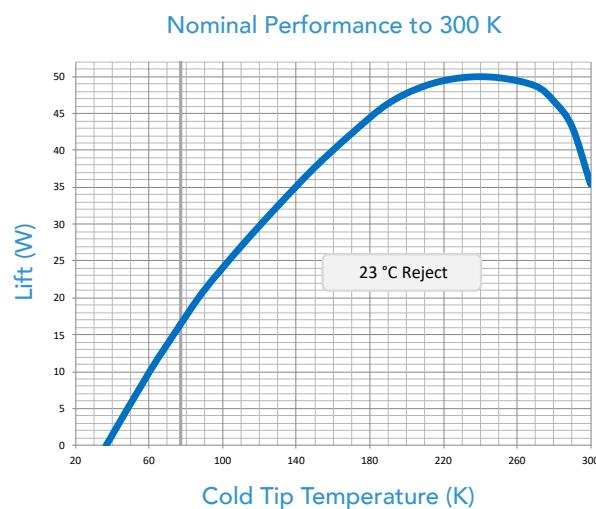
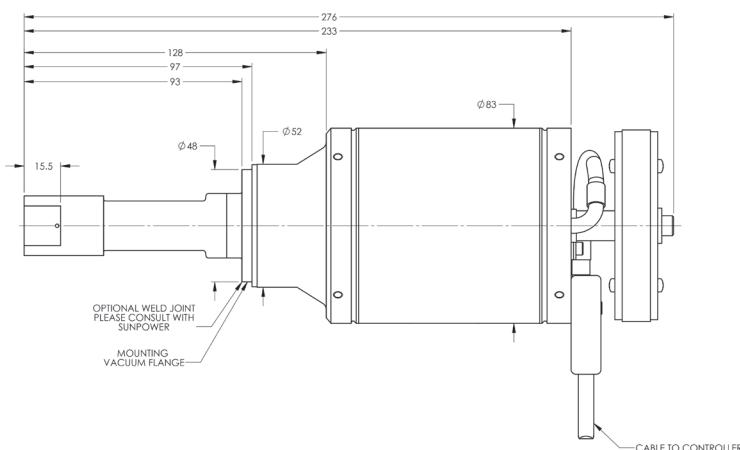
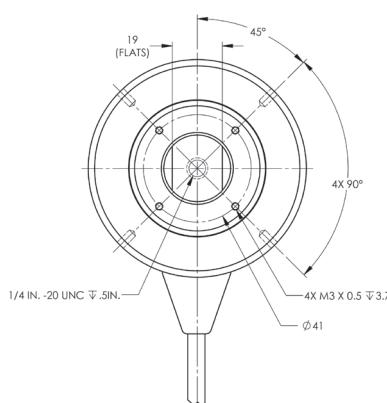


SUNPOWER | AMETEK®

Nominal Heat Load	16 W
@ 77 K (23° C reject)	
Nominal Input	240 W
Cooler Mass	3.1 kg
Temperature Stability	± 0.1 K
Power Supply	DC 48V (10A)
Length	276 mm
Diameter	83 mm
Lowest Temperature	< 40 K
Orientation	any
AVC Compatible	yes
Operating Frequency	60 Hz
MTTF	> 200,000 hr

Unsurpassed
efficiency,
reliability and
performance.

Base GT Cryocooler Dimensions



Performance. Efficiency. Reliability.

The CryoTel® GT cryocooler was brought to commercialization in 2005. The GT has been used successfully in applications such as High Temperature Superconductivity (HTS) filters, high altitude balloons, refrigeration, germanium detectors, IR detectors, radio telescopes, laser diode cooling, and research among others. The CryoTel GT represents the smallest 16 W @77 K cooler available that bundles an attractive price point with outstanding performance, given a Mean Time to Failure of >200,000 hours.