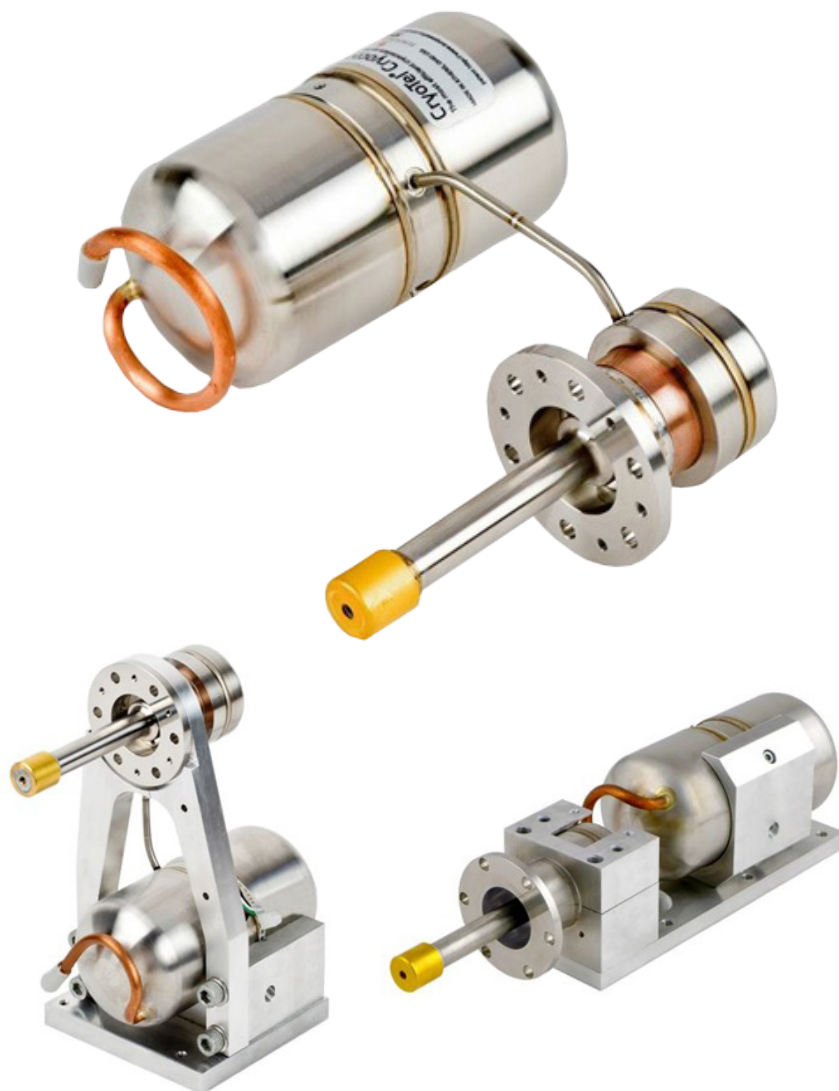


SUNPOWER

CryoTel® DS Mini

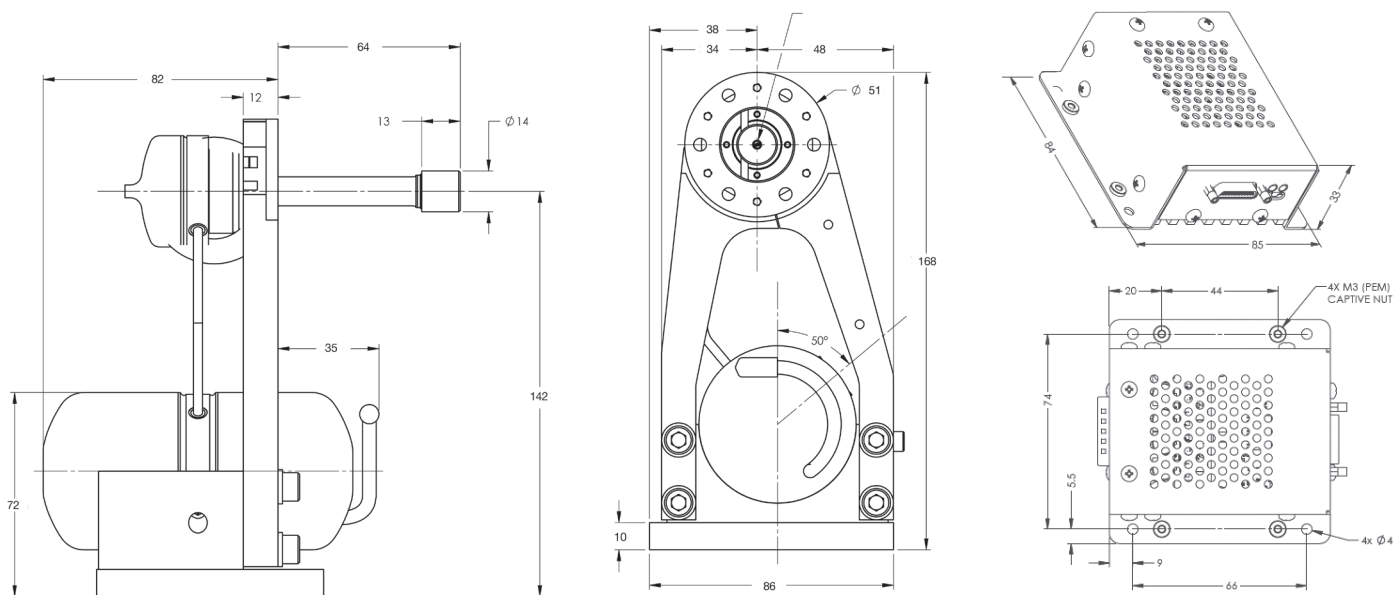
Dual-Split Mini Cryocooler



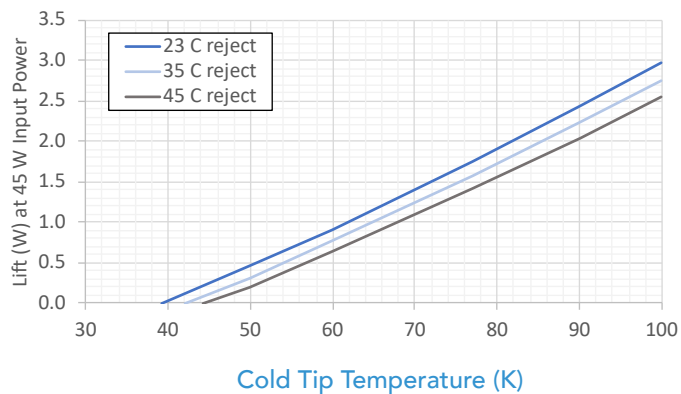
Nominal Heat Load @ 77 K (23° C reject)	1.8 W
Nominal Input	45 W
Cooler Mass	1.2 kg total
Temperature Stability	± 0.1 K
Power Supply	DC 24V (6A)
Length	Cold Head: 128 mm Wave Generator: 116 mm
Diameter	Cold Head: 39 mm Wave Generator: 55 mm
Lowest Temperature	< 40 K
Orientation	any
AVC Compatible	no
Operating Frequency	75 Hz
MTTF	> 120,000 hr

Unsurpassed
efficiency,
reliability and
performance.

Base DS Mini Cryocooler Dimensions

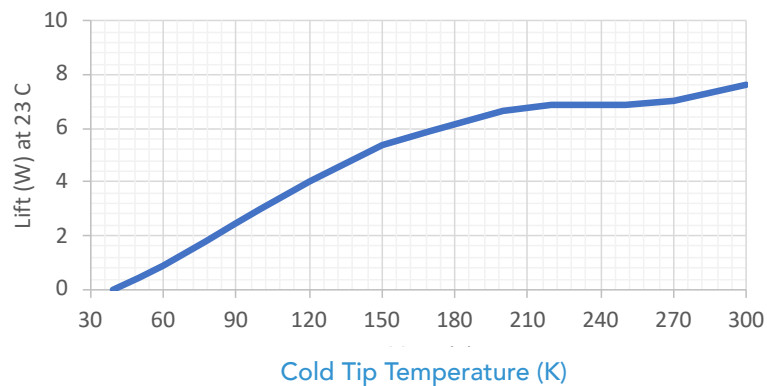


Nominal Performance at Different Reject Temperatures



DS Mini

Nominal Performance



Data is subject to change.