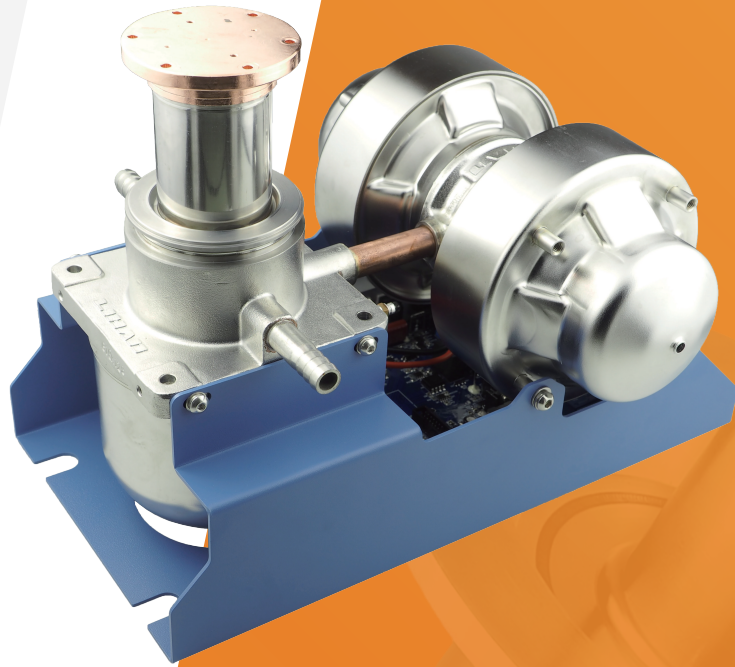


Cryocooler 70W@90K

LC4790 LC4790B



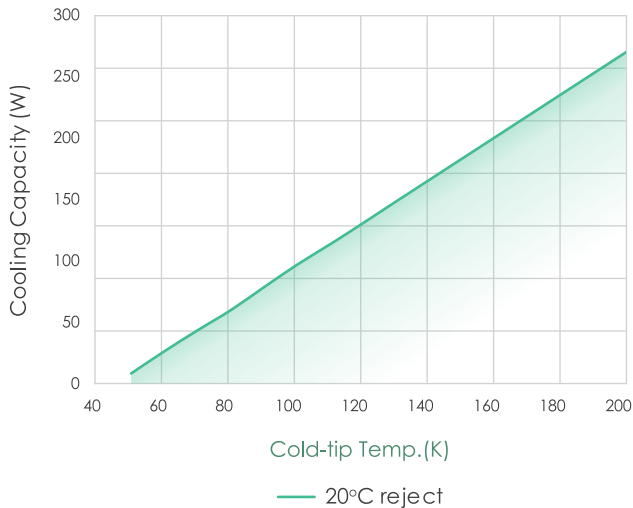
The LC4790/LC4790B cryocooler integrates linear compressor with dual opposed gas bearing pistons, and a pulse tube cold finger with an acoustic phase shifter. It is especially designed as cost-effective cryocooler for general industrial and commercial applications.

Features

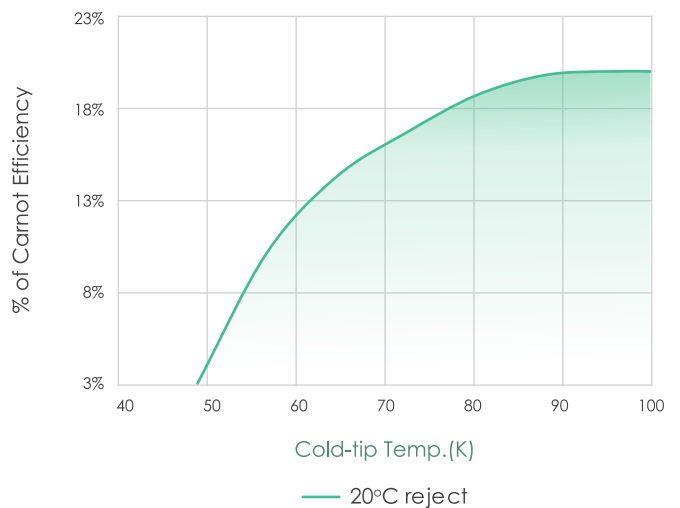
- 1** Dual opposed gas bearing pistons driven by linear motors, high MTF(>20000 hrs)
- 2** Split configuration integrated with controller, easy to use
- 3** Cost-effective
- 4** Water-cooled
- 5** Maintenance free

Typical performance

Cooling Capacity vs. Temperature
1200W Input Power



Percentage of Carnot Efficiency
1200W Input Power

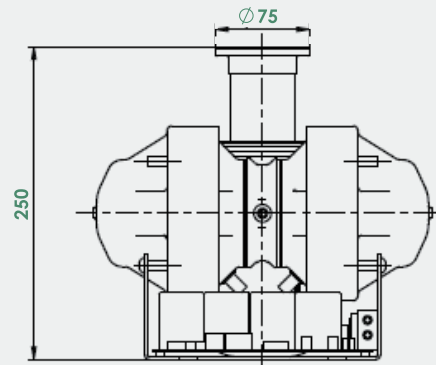
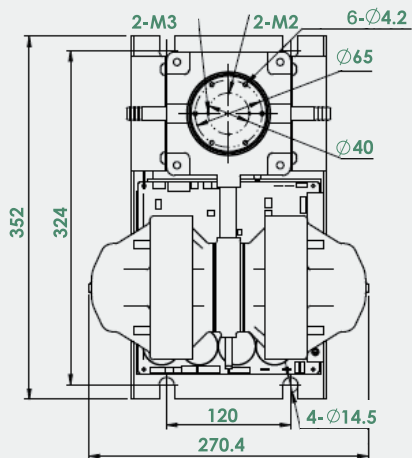


Specifications

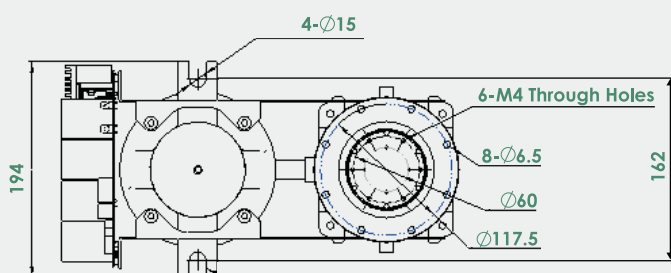
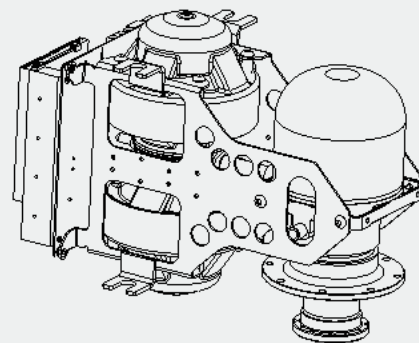
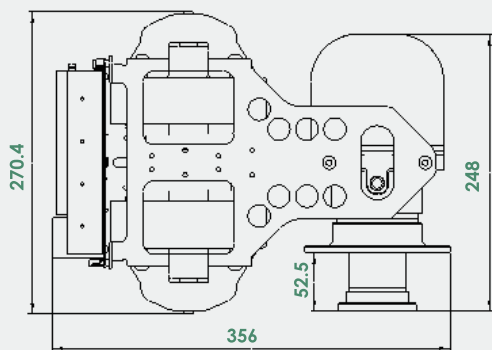
Model	LC4790	LC4790B
Operating Temperature	-20°C ~ +50°C	-20°C ~ +50°C
Nominal Input Power	1200W	1200W
Nominal Cooling Capacity (20°C reject)	70W@90K	70W@90K
Max. Cooling Capacity(20°C reject)	75W@90K	75W@90K
Power Supply	220V AC / 110V AC	220V AC / 110V AC
Lowest Temperature	50K	50K
Weight	14kg	16.5kg
Temperature Stability	± 0.1K	± 0.1K
Orientation	Any	Any

Dimensions

LC4790



LC4790B



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*All dimensions in mm. Data subject to change without notice.