



The **TARGET™ CHILLER**

Take the heat off mission critical electronics



- High capacity, closed-loop, compressor based climate control system
- Unmatched Cooling Power 2,500 - 6,000 BTU/H
- Effective in external temperatures 125° F (51.7° C) - 131° F (55° C)
- Optional fire retardant grade insulation
- High-strength aluminum shock-mounted STD 19 in. rackmount case



Custom Cases Inc.

243239 Range Road 31, Calgary, Alberta, T3Z 3L7

Phone: 403-775-7420; 403-542-3337; e-mail: sales@customcasesinc.com

Impact Innovation

After years of working on sensitive military projects, the Impact engineering team has developed the ultimate high capacity, closed-loop, climate controlled shock-mounted rackmount case. Now, high value, rackmount electronics can be protected from:

- Overheating
- Moisture / Humidity
- Hazardous Chemicals / Fumes
- Freezing (optional heater)
- Sand / Dust / Dirt
- Unauthorized access



Typical Applications

- | | |
|-----------------------------|--|
| Telecom: | Signal Generator & Repeater Systems |
| Computing: | High-Performance Servers & Clusters |
| Military: | Command & Control (C3 & C4) Systems
Electronic Countermeasures Equipment (ECME)
Microwave Communications Electronics
Remote Operation Systems |
| Material Processing: | On-Site Process Control Systems |

Impact's Closed-Loop A/C System Provides

- | | |
|----------------------------------|--|
| High Efficiency: | With thermal management right at the source |
| Environmental Protection: | The atmosphere is re-circulated within case |
| Streamlined Footprint: | Ideal for limited space applications
No need for separate A/C unit with bulky ducting |
| Single Case Solution: | Simplifies deployable applications
Ultra-rapid setup / takedown |



A/C System Features

- A/C unit incorporates a low noise / vibration rotary compressor
- Easy to use digital controller
- Stainless steel housing (NEMA 4X)
- Corrosion resistant coils and internal piping
- 120V/60Hz or 230V/60Hz power configurations available
- 10 micron, low resistance air intake filter

A/C System Options

- Optimized (MIL-Spec) air intake and exhaust filtration
- Hazardous duty (Class 1 Div 2)
- Heater package



Case Shell Features

- Modified Target™ Military shock-mounted STD 19 in. rackmount case
- High-strength aluminum shell - heavy payload ready
- Not affected by temperature extremes - will not sag, warp, blister or crack
- I/O cable access panel engineered to your specs (MIL-Spec. connectors NOT incl.)

Case Shell Options

- Removable cordura airflow baffle to direct airflow through rack
- Fire retardant case insulation for improved efficiency



Rack Features

- Standard rack heights available from 3U through 30U (1U increments)
- Standard rack depths available from 16 in. through 36 in. (1 in. increments)
- Shock / vibration attenuation for payloads ranging from 20 lbs. to over 500 lbs.
- E.I.A. round hole and E.I.A. square hole patterns - STANDARD



TARGET™ CHILLER | SPEC SHEET



A/C Location	Cooling Capacity	Max. Ambient Temp.	Power	Max. Amps	Min. Required Rack Height / Depth
Lid	1000 BTU/H (586.1 W)	131° F (55 ° C)	120V / 60Hz 230V / 60Hz	3.1 1.3	8U / 20 in
Lid	1300 BTU/H (586.1 W)	131° F (55 ° C)	120V / 60Hz 230V / 60Hz	3.2 1.4	8U / 20 in
Top	2000 BTU/H (586.1 W)	131° F (55 ° C)	120V / 60Hz 230V / 60Hz	4.7 2.3	4U / 24 in
Top	2500 BTU/H (732.7 W)	131° F (55 ° C)	120V / 60Hz 230V / 60Hz	7.6 3.6	4U / 24 in
Top	3000 BTU/H (879.2 W)	131° F (55 ° C)	120V / 60Hz 230V / 60Hz	8.3 4.3	4U / 24 in
Top	4000 BTU/H (1172.3 W)	131° F (55 ° C)	120V / 60Hz 230V / 60Hz	8.5 4.5	4U / 24 in
Top	5000 BTU/H (1465.4 W)	125 ° F (51.7 ° C)	120V / 60Hz 230V / 60Hz	8.9 4.5	4U / 24 in
Top	6000 BTU/H (1758.4 W)	125 ° F (51.7 ° C)	120V / 60Hz 230V / 60Hz	10.3 5.2	4U / 24 in



Custom Cases Inc.

243239 Range Road 31, Calgary, Alberta, Canada, T3Z 3L7

403-775-7420; 403-542-3337; sales@customcasesinc.com

www.customcasesinc.com