



IMPACT CASES INC.
MARKHAM, ONTARIO • EST. 1979

TARGET™ CLIMATE CONTROL SYSTEM
RACKMOUNT PLATFORM

— TARGET® • MILITARY GRADE

CLIMATE CONTROL RACKMOUNT SYSTEM

Built with high-strength 5052-H32 aluminum to MIL-STD, shock isolated and watertight. The foundation platform for every Target Climate Control System (CCS) rackmount case.

OVERVIEW

We don't just build cases, we build confidence. Target™ Military rackmount cases are designed and manufactured to MIL-STD-2073-1, MIL-STD-648C, MIL-STD-810G and EIA-310E. Every CCS climate-controlled case starts on this same shock-mounted, seam-welded rackmount platform — every rackmount feature carries over, with a closed-loop cooling unit added.

SHELL & RACK SPECS

STANDARD DUTY	0.090 in. (2.29mm)
SUPER DUTY	0.125 in. (3.18mm)
MATERIAL	5052-H32 Aluminum
STD FINISH	Low Luster Powder Coat
HARDWARE	Stainless Steel

KEY FEATURES

// 01 DESIGNED & BUILT TO STANDARD

Manufactured in accordance with MIL-STD-2073-1, MIL-STD-648C, MIL-STD-810G, EIA-310E, MIL-STD-108E and MIL-STD-1472F.

// 03 PATENTED VALANCE SYSTEM

Square tubular valance, corner lug and dual gasket system (U.S. and Canada patent 8,002,490) — the strongest in the industry.

// 05 SKID PAD & CASTER SYSTEM

Machined HDPE skid and stacking pads, with removable or permanent caster options.

// 02 HIGH STRENGTH ALUMINUM SHELL

0.090 in. (2.29mm) 5052-H32 aluminum with external ribs and internal load spreaders, heavy-payload-ready to 500 lbs.

// 04 WELDED, WATERTIGHT CONSTRUCTION

Seam welded body and valance with stainless steel hardware for all-weather durability.

// 06 RACK FRAME & SHOCK ISOLATION

Formed & welded "C" channel rack frames on elastomer isolators for omni-directional shock/vibration attenuation.



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TARGET™ RACKMOUNT
STANDARD OPTIONS

RACKMOUNT OPTIONS

STANDARD OPTIONS

From lift rings to rack accessories, Target offers a full range of standard options for every rackmount and CCS case.

RIGGING

DELTA LIFT/TIE-DOWN RINGS

Four stainless steel delta lift/tie-downs installed on the case main body with backing plates.

SECURITY

PADLOCK HASPS

Two stainless steel rigid padlock hasp assemblies installed on each lid.

HANDLING

FORKLIFT PROVISIONS

Standard forklift provisions on all sizes; custom forklift platform systems available.

STORAGE

STORAGE POUCH

Installed in one or both lids for peripherals, manuals, tools and cables.

BRANDING

ID TAGS & MARKINGS

Identifies the case with part number, serial number and manufacture date.

INTEGRATION

CUSTOM CONNECTOR PANELS

Recessed or surface panels designed and built to your systems integration requirements.

POWDER COAT COLOURS

- ☐ BLACK (B) ☐ GREY (G) ☐ OLIVE DRAB (OD)
☐ DESERT TAN (DT) ☐ WHITE (W) ☐ RED (R)
☐ BLUE (BL)

RACK ACCESSORIES

Top/bottom support rails, adjustable horizontal rails and adjustable vertical rails available to secure equipment of any depth across the full rack frame. Removable or permanent casters and coupling catches also available.

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MIL STANDARDS COMPLIANT

5052-H32

AIRCRAFT GRADE ALUMINUM

500 LBS

STANDARD PAYLOAD RATING

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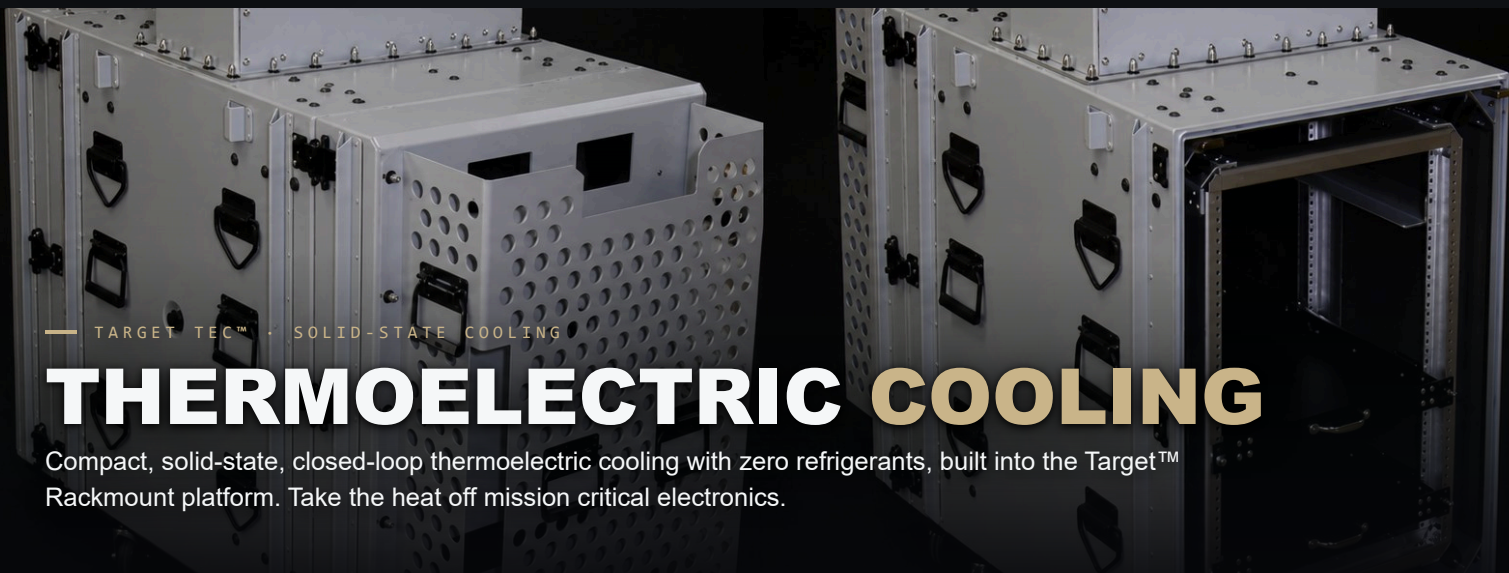
MANUFACTURING SINCE

REQUEST A QUOTE

Standard sizes, custom builds, casters, powder coat & rack accessories available.

(905) 470-7888 • sales@impactcases.com

Markham, Ontario • Buffalo, NY



— TARGET TEC™ · SOLID-STATE COOLING

THERMOELECTRIC COOLING

Compact, solid-state, closed-loop thermoelectric cooling with zero refrigerants, built into the Target™ Rackmount platform. Take the heat off mission critical electronics.

HOW IT WORKS

The Peltier effect moves heat out of the enclosure with no compressor, no refrigerant lines and few moving parts. Ambient air removes heat from the hot side heat sink while cold air is continuously re-circulated within the enclosure.



COOLING SPECS

COOLING POWER	200–5,500 BTU/HR
TECHNOLOGY	Peltier Effect (Solid-State)
REFRIGERANTS	None Required
MOVING PARTS	Minimal — Fans Only

COMPACT & PRECISE

- **Space-Saving**
Small enough for space-constrained gear
- **Tight Accuracy**
Precise temperature control for labs & instruments
- **Heat or Cool**
Bi-directional thermal control

RELIABILITY

- **Few Moving Parts**
Longer lifespan, less upkeep
- **Fewer Failures**
Ideal for mission-critical uses
- **Versatile**
Defense, telecom, medical, industrial, oil & gas

ECO-FRIENDLY

- **Zero Refrigerants**
No emissions risk
- **Regulatory Ease**
Simplified compliance
- **Closed-Loop**
Atmosphere re-circulated within case

TYPICAL APPLICATIONS

- Infrastructure · Power, Rail & Transit
- Industrial · Manufacturing & Labs
- Security & Surveillance · Cameras, RF, RFID
- Military & Defense · Comms & Encryption

KEY BENEFITS

- Precise Temperature Control
- No Refrigerant Lines
- Long Service Life
- Bi-Directional Heat / Cool

COOLING CAPACITY

COOLING POWER	200–5,500 BTU/HR
TECHNOLOGY	Thermoelectric (Peltier)
CONTROL	Digital Controller Compatible

REQUEST A QUOTE

Tell us your payload, heat load & deployment environment — we'll spec the right Target TEC.

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