



IMPACT CASES INC.  
MARKHAM, ONTARIO • EST. 1979

TARGET CCS™ CLIMATE CONTROL  
RACKMOUNT SYSTEM

— TARGET® • MILITARY GRADE

# CLIMATE CONTROL RACKMOUNT SYSTEM

Watertight, all-aluminum, shock-mounted rackmount cases — the foundation platform every Target CCS compressor-cooled case is built on.

## OVERVIEW

Target™ rackmount cases are watertight, all-aluminum, shock-mounted double-lid cases with rack frames conforming to E.I.A. 310. Standard cases protect payloads up to 500 lbs. without reinforcement, and will not bow, warp or sag under stacked loads.

## RACK FRAME SPECS

|               |                       |
|---------------|-----------------------|
| 20–350 LBS    | 0.125in. 5052-H32     |
| 351–1000 LBS  | 11ga. CRS             |
| FRAME FINISH  | Black Anodize / Zinc  |
| HOLE PATTERN  | E.I.A. Round / Square |
| RACK STANDARD | E.I.A. 310            |

## KEY FEATURES

### // 01 DESIGNED & BUILT TO STANDARD

Manufactured to MIL-STD-2073-1, 648C, 810G, EIA-310E, 108E, MIL-PRF-28800, 130N & MIL-STD-1472F.

### // 03 PATENTED VALANCE SYSTEM

Square tubular valance, corner lug & dual gasket system, U.S. patent 8,002,490. HD valance for extreme payloads.

### // 05 LID HANGERS & PRESSURE RELIEF

Internal lid hangers allow single-technician handling. Automatic "breather" valves equalize pressure.

### // 07 ULTRA-STRENGTH RACK FRAMES

Single piece, formed & welded "C" channel front and rear frames that will not loosen over time.

### // 02 HIGH STRENGTH WELDED SHELL

0.090in. 5052-H32 aluminum (0.125in. super duty), seam welded and watertight, with ribs & load spreaders.

### // 04 STAINLESS STEEL HARDWARE

High strength stainless steel hardware in black finish for all-weather durability.

### // 06 SKID PADS & CASTER SYSTEM

Machined HDPE skid and stacking pads, with permanent or removable caster systems as required.

### // 08 SHOCK / VIBRATION ISOLATION

Elastomer isolator systems give omni-directional attenuation, sized across nine shocksets to 800+ lbs.



**IMPACT CASES INC.**  
MARKHAM, ONTARIO • EST. 1979

TARGET CCS™ CLIMATE CONTROL  
RACKMOUNT SYSTEM

## RACKMOUNT OPTIONS

# STANDARD OPTIONS

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

### LIFT / TIE-DOWN

#### DELTA RINGS

Four 300 series stainless steel delta lift/tie-downs, black, on backing plates.

### SECURITY

#### PADLOCK HASPS

Two rigid 300 series stainless hasp assemblies installed on each lid.

### HANDLING

#### FORKLIFT PROVISIONS

Standard on all case sizes. Custom forklift platform systems available.

### STORAGE

#### STORAGE POUCH

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

### IDENTITY

#### ID TAGS & MARKINGS

Plates identify each case with part number, serial number & manufacture date.

### INTEGRATION

#### CUSTOM CONNECTOR PANELS

Recessed or surface, built specifically to your systems integration needs.

### LINKING

#### COUPLING CATCHES

Footman loops with removable coupling catches to secure cases together.

### MOBILITY

#### REMOVABLE / PERMANENT CASTERS

Four 4in. removable casters with store-in-lid kit, or permanent swivel casters.

### RACK ACCESSORIES

#### SUPPORT RAILS

Top & bottom, adjustable horizontal, and adjustable vertical equipment rails.

## LOW LUSTER COLOURS

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

## FRAME & ISOLATION

E.I.A. round or square hole patterns with clip and cage nuts supplied as required. Nine shock isolator sets from 20 to 800+ lb. CARC and IRR paint finishes available by request.

**500lb+**

STANDARD PAYLOAD RATING

**8**

MIL-STD SPECIFICATIONS MET

**9**

SHOCK ISOLATOR CONFIGURATIONS

**US 8,002,490**

PATENTED VALANCE SYSTEM

## REQUEST A QUOTE

Delta rings, removable casters, rack rails & custom connector panels available.

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

Markham, Ontario • Buffalo, NY



**IMPACT CASES INC.**  
MARKHAM, ONTARIO • EST. 1979

TARGET CCS™ CLIMATE CONTROL  
RACKMOUNT SYSTEM

TARGET CCS™ • COMPRESSOR-BASED

# COMPRESSOR COOLING

Take the heat off mission critical electronics. A high-capacity, closed-loop, compressor-based climate control system built into the Target™ rackmount platform.



## HOW IT WORKS

Ambient air removes heat at the condenser while a low-noise rotary compressor drives refrigerant through the evaporator, re-circulating cooled air back into the enclosure — a fully closed loop, with no need for a separate A/C unit or bulky ducting.

## COOLING SPECS

|                |                           |
|----------------|---------------------------|
| COOLING POWER  | 2,500–27,500 BTU/H        |
| AMBIENT RATING | 125°F to 131°F            |
| POWER          | 120V/230V, 60Hz           |
| HOUSING        | Stainless Steel (NEMA 4X) |
| FILTRATION     | 10 Micron Intake          |

## CLIMATE SYSTEM

- ▶ **Compressor Based**  
Low noise / vibration rotary compressor
- ▶ **Digital Controller**  
Easy to use digital temperature control
- ▶ **Corrosion Resistant**  
Coils and internal piping

## CLOSED-LOOP ADVANTAGES

- ▶ **High Efficiency**  
Thermal management right at the source
- ▶ **Environmental Protection**  
Atmosphere re-circulated within case
- ▶ **Single Case Solution**  
Ultra-rapid setup / takedown

## OPTIONS AVAILABLE

- ▶ **MIL-Spec Filtration**  
Optimized air intake & exhaust
- ▶ **Hazardous Duty**  
Class 1 Div 2 rated
- ▶ **Heater Package**  
Optional freeze protection

## TYPICAL APPLICATIONS

- ▶ Telecom Signal & Repeater Systems
- ▶ Computing High-Performance Servers
- ▶ Military C3/C4 & ECME Systems
- ▶ Material Processing Controls

## PROTECTS AGAINST

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

## RACK COMPATIBILITY

|                 |                    |
|-----------------|--------------------|
| RACK HEIGHTS    | 3U – 30U           |
| RACK DEPTHS     | 16 – 36 in.        |
| SHOCK/VIBRATION | 20 – 500+ lbs      |
| HOLE PATTERNS   | EIA Round / Square |

## RUNNING HOT?

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

(905) 470-7888 • sales@impactcases.com  
Markham, Ontario • Buffalo, NY