Environmental Enclosure Solutions

Protecting your technology investment.
Why CPI?

Personalized Service
Chatsworth Products (CPI) offers a unique form of customer personalization. Our core business is the design and manufacture of enclosures and related accessories. We offer modular, free-standing and wall-mount enclosures in a range of standard sizes, but we also specialize in modifying enclosures to meet specific customer requirements.

We are responsive to your evolving needs. Our application engineers will help you fully define your modified solution to eliminate errors. We kit and pre-install accessory components to provide a complete, configured solution. Our design process identifies interference issues to guarantee fit and function. Each order is assigned a customer-specific part number for easier specification, tracking and reorder.

This has been our model for over two decades, and we have developed a process that delivers consistently short lead times and allows us to build to order and reduce waste.

Superior Quality
CPI’s manufacturing facilities meet the strict requirements to be an ISO 9001 Certified Company. Our quality management system begins with well-defined processes and skilled operators. Our fabrication process maintains a tight tolerance for reliable and precise product design. For our Environmental Solutions we utilize fully welded construction, a powder coat paint process and formed-in-place foam gaskets to create the most durable construction, finish and seal. We specify high-quality materials and hardware, and our standard testing includes third-party evaluation for UL/cUL listing and IP protection ratings.

Usability and Innovation
CPI is a key innovator in the markets we serve, and a recognized leader in enclosure design and manufacturing in the data/communications, computer and networking environment for over 25 years. We have over 92,000 standard products and have received more than 150 patents for groundbreaking product designs in enclosure design, airflow, power and cable management. We’ve applied this expertise to our Environmental Enclosure Solutions by incorporating best-in-class features into a single quality solution and are committed to identify and improve products to solve applications issues. Whether servicing the Internet of Things (IoT), edge computing or industrial automation, we are ready for the next evolution in technology and ready to help you.

“I think what separates Chatsworth from most other manufacturers is they can engineer it, design it, build it.”

Steve McAllister, Network Administrator for Orlando Health
Environmental Enclosure Solutions

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CPI is an experienced enclosure manufacturer that can provide consistently high quality products and react quickly to your needs.

We act as your business partner and are uniquely prepared to respond to your specific requirements with rapid product modification and kitting that will give you a competitive advantage.

Our goal is to reduce your fabrication tasks, allowing you to focus on system design and integration, increase your capacity and serve more customers. Choose CPI as your trusted source for environmental enclosures.

Increase Your Competitive Advantage
- Reduce time-consuming fabrication tasks.
- Focus on system design and integration.
- Increase your capacity.
- Serve more customers.

Environmental enclosures are a key component of each system build and the most visible part of your delivered solution.

Let CPI be your trusted source for environmental enclosures.
RMR® (Armor)
RMR®, pronounced “armor,” provides solutions engineered specifically for technology, automation and control equipment in harsh environments. You can count on RMR to protect your critical equipment and keep business up and running.

Products and Solutions
CPI RMR Solutions deliver innovation, configurability, quality and value with a breadth of integrated system components, including:

RMR Modular Free-Standing Enclosure Systems
The modular design is available with a range of door, side and top panel options, and may be deployed as a bayed solution. Equipment mounting options include 19”EIA (486.2 mm) rails and full-height, half-height or quarter-height panels, which may be deployed in multiple orientations within the enclosure. Cable and power management accessories are available.

RMR Wall-Mount Enclosure Systems
Fixed or three-part design with swing-out chassis have integrated top and bottom gland plates and easy adjustment of panels or 19”EIA (486.2 mm) rails. Cable management accessories are available.

Cooling & Filtration (Filter Fans)
RMR enclosures are completely sealed, but when cooling for equipment is needed, a range of filtered fan options are available for Modular Free-Standing Enclosure Systems and Wall-Mount Enclosure Systems.

Climate Control (Air Conditioners)
A broad range of air conditioners are available for the RMR Modular Free-Standing Enclosures and Wall-Mount Enclosure Systems to provide additional cooling when cooling can’t be accomplished by the outside air.

Cable Runway and Tray
Cable tray creates a pathway to and from the enclosure and CPI’s traditional ladder rack or wire mesh tray is available in multiple widths to match cabling requirements. Both can be supported from the ceiling or wall.

Environmental Monitoring and Security
Monitor temperature, humidity, presence of water, open/closed door conditions, and view IP cameras through an Internet connection. Set operational thresholds and receive email notifications when measurements near critical levels.

Grounding and Bonding
Rack- and wall-mount busbars, as well as various straps for bonding metal components together, are available within the enclosures and along cable runway, tray and pathways.

Power Management
Deliver power to equipment within the enclosure, and remotely monitor or control power to equipment through an Internet connection. Power products and software allow you to set thresholds, and be notified by email when measurements are near critical levels assuring uptime.
RMR Enclosures

RMR enclosures are NEMA Type 12 and IP 55 rated to verify that equipment within is protected from the intrusion of solid foreign objects such as dirt, dust, lint and fibers and from mild, non-corrosive, liquid ingresses such as light dripping and splashing.

Features of each RMR enclosure include

- Modular free-standing or wall-mount enclosure
- NEMA Type 12 and IP 55 protection rating
- Fully welded, steel construction
- Powder coat paint finish
- Formed-in-place, foam gaskets
- Range of standard sizes
- User configurable modifications (size, openings, color)
- Kitted with accessories to match job requirements

RMR Free-Standing Environmental Enclosure

- Welded, roll-formed steel frame, punched with attachment pattern in 1” (25 mm) increments
- Lifting eye bolts and anchoring holes for support during and after installation
- Baying options when side panels are removed
- Includes full-, half- or quarter-height mounting panels or 19”EIA equipment rails
- Optional horizontal supports for increased load bearing capacity and adjustment
- Optional solid or windowed door and choice of latch/lock and document holder
- Optional fan/filter kit or air conditioner
- Optional cable management and PDU support brackets

RMR Swing-Out Wall-Mount Environmental Enclosure

- Three-part design provides quick access to the front and rear of equipment
- Internal latch secures rear hinged panel
- Sealed gland plates on the top/bottom can be removed when adding cable openings
- Internal attachment points on top/bottom, front/rear and side/side of the enclosure
- Includes full height panel or 19”EIA equipment rails
- Optional solid or windowed door with keyed lock
- Optional fan/filter kit; some models support air conditioners
- Optional cable management brackets

RMR Fixed Wall-Mount Environmental Enclosure

- Two-part design provides access to the front of equipment
- Sealed gland plates on the top/bottom can be removed when adding cable openings
- Internal attachment points on top/bottom, front/rear and side/side of the enclosure
- Includes full height panel or 19”EIA equipment rails
- Optional solid or windowed door with keyed lock
- Optional fan/filter kit; some models support air conditioners
- Optional cable management brackets
Manufacturing Capability and Global Availability
Headquartered in the United States, CPI operates from multiple sites worldwide, including offices in Mexico, Canada, China, the United Arab Emirates and the United Kingdom. CPI's manufacturing facilities are located in the United States, Asia and Europe.

Standard products are readily available through a global network of industry-leading distributors. With stock availability, and CPI's consistently short factory lead times, you can be assured that CPI solutions will be accessible to meet your project scheduling needs.

About CPI
CPI is protecting your technology investment in IT infrastructure, data center and control system/industrial automation applications and is a responsive company that focuses on personalized service, superior quality, increasing usability and innovating to solve application challenges with rapid delivery of a configured solution.

CPI is a 100 percent employee-owned company that was founded in June 1991, when 90 workers joined together and purchased the Dracon Division of Harris Corporation using an Employee Stock Ownership Plan (ESOP). Employee ownership is central to the success of CPI and employee-owners are committed to a philosophy of quality through teamwork, caring and commitment, which is extended to customers through our solutions and services.

The CPI Total Solution Includes:
Cabinet, Containment & Enclosure Systems
Cable Management
Cable Runway & Tray
Environmental Monitoring & Security
Grounding & Bonding
KVM Systems
Power Management Products
Rack Systems
Wall-Mount Systems
Zone Cabling & Wiring Enclosures