



R4000 & R5000 SERIES

RACK ENCLOSURES

SUMMARY OF CONTENTS

Our Story
Consumer Problem
Consumer Solution
The Products
Key Features
Product Options
Customer Support
Logistics
The Strength of our Brand

OUR STORY

A rise to global success

Penn Elcom is a leading global manufacturer of components for the 19-inch racking, flight case and speaker cabinet markets. We started in 1974 and with more than 45 years experience as a manufacturer our brand has become a trusted symbol for A/V installers and technicians.

Today, with revenues of over \$80M a year, operating factories in Europe, North America and China as well as a global distribution network.

CONSUMER PROBLEM

For the AV integrator and rack builder industries worldwide, each job begins with the selection of a high quality enclosure. As integral as the foundation of a building, it's structural framework must fulfil strict professional criteria to pass.

To be considered, enclosures must be built to last, come in a multitude of dimensions to fit various spaces, offer a range of features like cable management, accessibility options, security, cooling and more - however there are few on the market that provide all of this at an affordable price point.

The challenge for technicians is that they must often purchase an expensive basic enclosure and pay extra for the bespoke add-ons they need for the job or risk buying a cheaper model which may not be fit for purpose and provide too few features to be suitable.

	Brand 1	Brand 2	Brand 3
High Quality			
Premium Features			
Competitive Price			
Global Availability			
Customizable			

CONSUMER SOLUTION

Penn Elcom's trademark R4 and R5 series rack enclosures are enviably positioned in the global market as a universally accessible premium choice, offering a high quality build with a wide array of features built in standard.

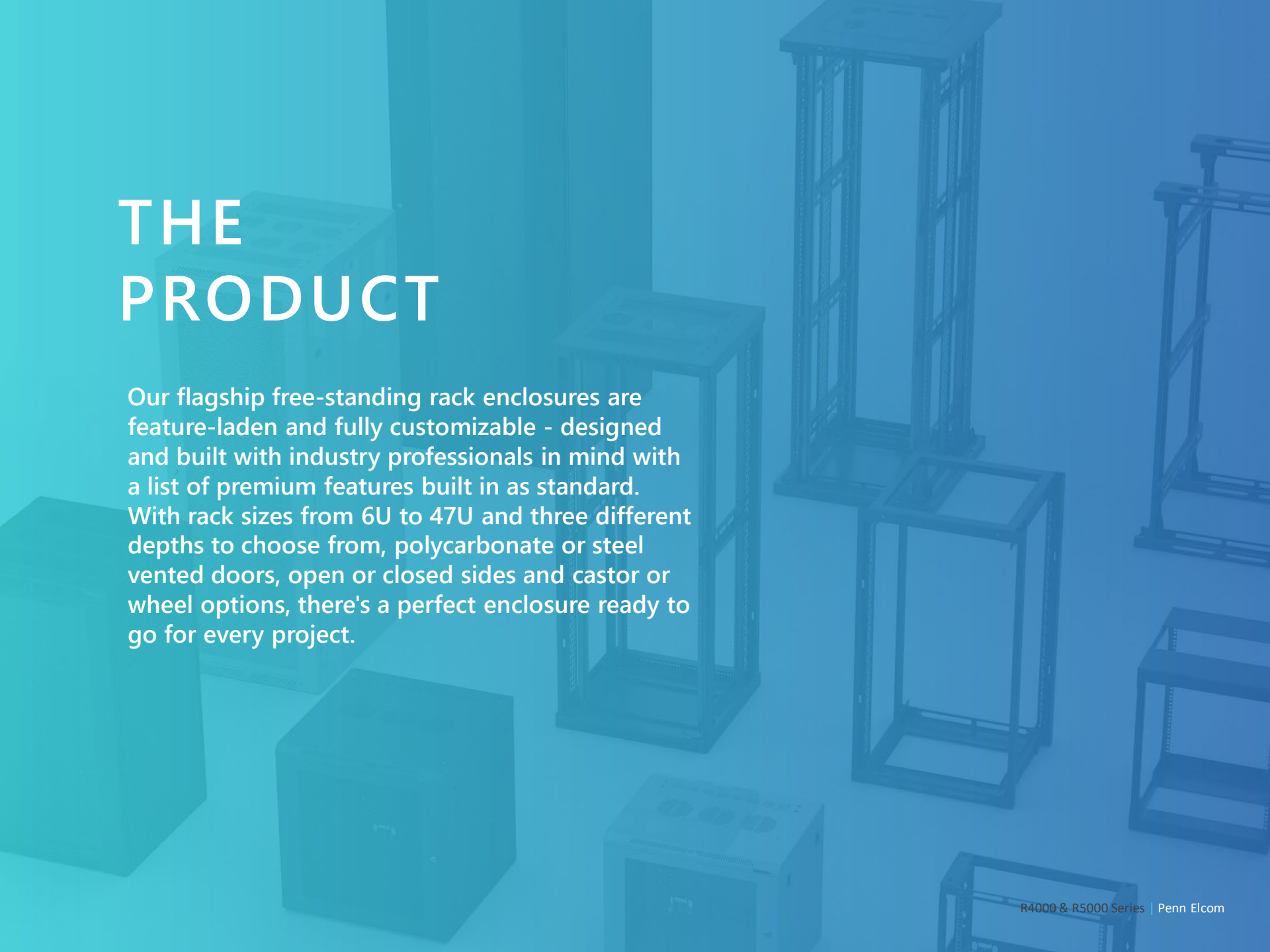
Built from only from high grade steel, our enclosures are made to last a lifetime with a premium matt black finish that looks great whether in a server farm or home cinema.

Our racks have become renowned for being feature-rich out of the box, coming with built in pre-threaded rack rails, cable management, castor and feet options, cut-outs for devices and air flow, plus a huge array of custom options.

We designed a rack enclosure that truly provides the quality and functionality professionals need with a suite of accessories that place it as a must-have choice for installers everywhere.



THE PRODUCT



Our flagship free-standing rack enclosures are feature-laden and fully customizable - designed and built with industry professionals in mind with a list of premium features built in as standard. With rack sizes from 6U to 47U and three different depths to choose from, polycarbonate or steel vented doors, open or closed sides and castor or wheel options, there's a perfect enclosure ready to go for every project.

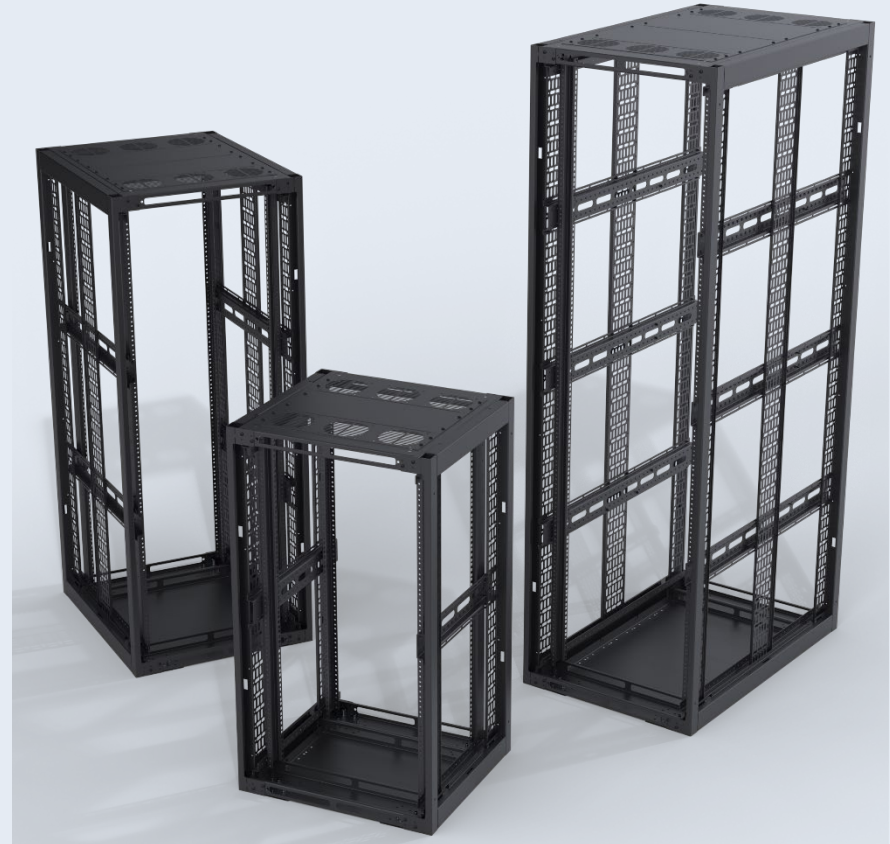
PRODUCT FEATURES

Frame:

Built from high grade steel with hidden assembly screws, rolled edges and finished in matt black, our gangable frame provides extraordinary stability and durability - all with a sleek look. Installers rely on our craftsmanship and quality to last a lifetime as no corner is cut in the design and manufacture.

Rails:

The R4000 (EU) and R5000 (US) enclosures offer unique interchangeable, pre-threaded rack rails. This trademark feature allows installers to easily swap between one rail side with square holes or the other with threaded 10/32 or M6 holes. Whether the requirement calls for cage nuts or screws, our R series has it covered.



PRODUCT FEATURES

Accessibility:

Modular top and bottom units offer customization and fan vents on the top unit help facilitate optimum 'chimneystack' airflow with dedicated fan coolers also available to fit.

Cable Management:

With optional horizontal cable bars and four integrated vertical cable bars, the R4 and R5 enclosures ensure professional management is available throughout.

Doors:

Both front and back doors can be removed if required and also rotated so left or right opening styles can be chosen anytime. The handles have been designed with a magnetic self-securing feature so loose-swinging doors are a thing of the past. There are two door options with style A being a steel vented front idea for reducing interior temperatures and aid cooling. Style B's clear polycarbonate front is excellent for device visibility and preferred over glass doors since it weighs less and is both scratch and shatter-resistant.



Fan Vent Top Unit Options



Cable Management



Door Options

PRODUCT FEATURES

Side Panels:

Lockable, removable and with easy to open and close slam latches.

Mounting:

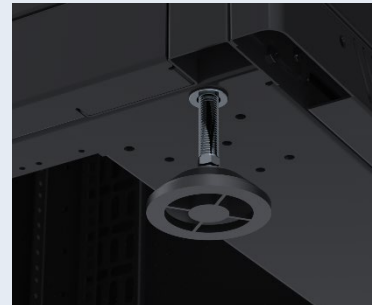
The bottom unit comes with three castor hole sets (50mm / 2", 75mm / 3" or 100mm / 4") punched for whatever requirements may dictate. There are also M12 holes to allow the use of adjuster feet as well. The unit can be fitted with our W0950 dual array castor and foot model to offer a truly unlimited mounting choice.



Side Panel



Slam Latch



Castor Holes & Foot



W0950 Castor

PRODUCT OPTIONS

R4000-FTx Fan Tray Series

Three dedicated models are available, designed to fit R4000 and R5000 racks matching fan vent cutouts for optimum directional aircooling.

The specially selected 9-bladed High Static Pressure fans are created to operate in a restricted airflow, making them ideal for tight rack enclosures. With Fluid Dynamic Bearings that offer not only long-lasting durability but a frictionless, virtually silent spin as well, the noise rating is quieter than the competition at just 22.5dBA. Also available is our FT-DTC 1U Thermostatic Controller to provide user-defined cooling controls.

FT3 Model



FT4 Model



FT6 Model



PRODUCT OPTIONS

R40-R84-DOOR-LOCK

Replacement barrel lock and key for side or front doors.



R40-R84-DOOR-LOCK

W0950 Castor with Integrated Adjuster Foot

Highly versatile model with twin wheel and foot array lets users freely adjust the height of equipment by raising or lowering the hex nut. Wheel castors operate to assist with moving equipment of heavy loads comfortably and safely



W0950 Castor

PRODUCT OPTIONS

R4006-GANG

Powder coated black steel cable chase ideal for ganging multiple enclosures neatly and efficiently. Hides cables run in the 4" space between to offer seamless cable management.

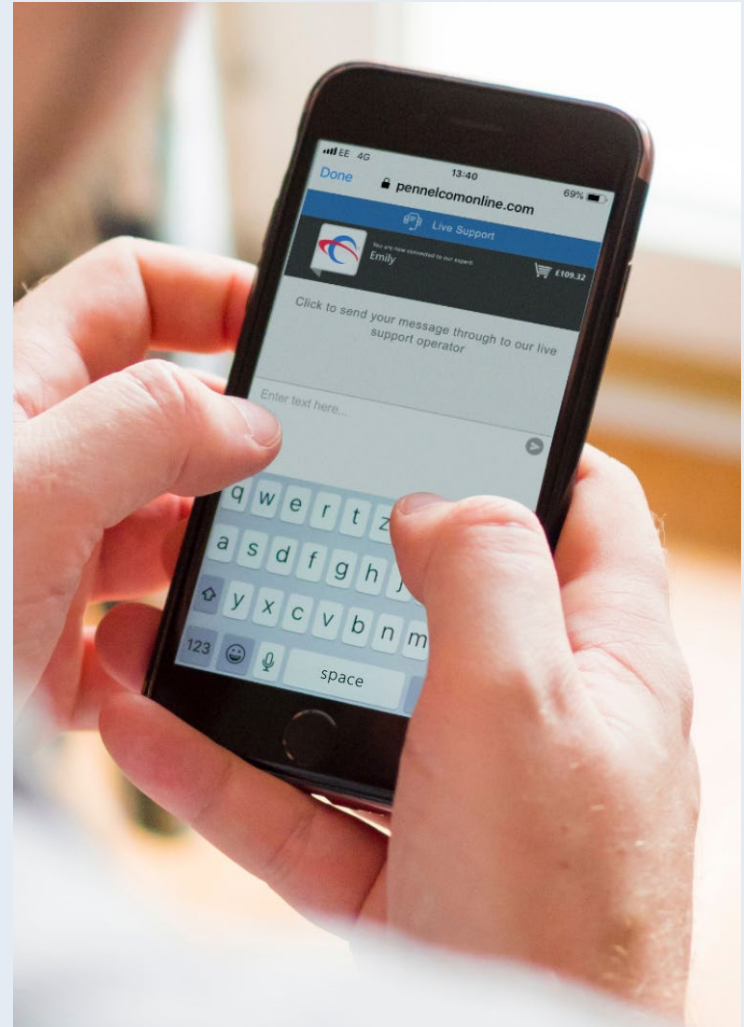
Comes with a wide choice of depths and heights to suit all model sizes.



CUSTOMER & PRODUCT SUPPORT

Our dedication to excellent service means 24/7 on-demand help with support teams in the UK, US, Australia and South America providing global coverage.

In the digital age, email and telephone service is not enough. As a forward-thinking company, our online support platform is increasingly valuable to customers. We provide direct browser access to online help via our LiveChat support, fully manned by our own teams and not an automated bot responder.



LOGISTICS SUPPORT

With a wholly owned distribution network encompassing 18 locations over 6 continents, we deliver our products anywhere in the world, fast.



THE STRENGTH OF OUR BRAND

With over 40 years of building customer relationships that endure, we are the trusted name for many key brands:

