

r o a d s i d e

STREETWISE ACTIVE CABINETS



The Cannon StreetWise Active Cabinets range provides a temperature controlled and secure environment for valuable and sensitive active equipment in a cost effective and space sensitive way. Most cabinets are manufactured from pre-galvanised 2mm thick steel which is then polyester powder painted to customer specified colours. Both air conditioners and heat exchangers are used to control the internal equipment environment and selection would be dependant on the customer's specification. Cannon StreetWise Active Cabinets are sealed to IP65 and are tailor made to suit customers' specific equipment, including EMC shielding where applicable. Life expectancy of these cabinets exceeds 25 years.

Large quantities of these cabinets have been deployed over the rail network under the Network Rail Certificate No PA05/02021.

**Please contact the
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PRODUCT FEATURES

- IP 65 rating
- Totally sealed with no ventilation or change of air between outside ambient and internally circulating air
- Fully climate controlled using either air-conditioning systems or air to air heat exchangers
- Climate control systems available in either AC or DC power formats
- Systems fully environmentally controlled via the CannonGuard management system
- Air management systems typically located within door void for easy servicing and maintenance
- Manufactured in various sizes and to customer specifications
- Cabinet is designed for "Active" high heat dissipating equipment
- Heat loads from 500W to 7Kw can be managed internally.
- Higher heat loads can be managed with additional external equipment.
- Multi-chambered for technology segregation
- Facility for temperature controlled, fully insulated battery housing to be fitted
- Fitted with a separate fully insulated, removable thermal chamber for main equipment configuration
- Thermal chamber attached to outer body shell via supports fitted with thermal barriers
- Approvals to EU EMC directives available
- Doors sealed using a dual seal technology
- Internal fittings/mounting to customers requirements
- The Thermal Transmittance Coefficient (U-Value) of the cabinet is $\leq 1.6\text{-W/m}^2$
- Cabinet fully configured with both AC and DC power requirements
- Thermal Chamber fitted with a cable entry gland system
- Modular building techniques allow for customer design contribution
- Doors secured with a Stainless steel multi-point dead locking system
- Painted to customers specific colour requirements
- Full multi-stage cleaning and pre-treatment prior to the application of an 90 micron powder coating
- Manufactured from "Heavy gauge" galvanized material giving a 25-year life expectancy
- Installed using "Transformer Root" mounting system for attachment to either a steel platform or concrete pad
- Many cabinets are Network Rail approved
- Includes many anti-vandal features within the construction
- Used in Rail side applications for fibre optical regeneration and telephony systems
- Used in street side applications for ADSL and cellular telephony systems
- Can be fully mounted on isolation mounts
- Will support both in-built weather shields and separate awnings/canopies
- Option to fit AC or DC de-humidifiers or air to air heat exchangers without this facility
- Optional AC or DC heaters available to counter the effects of ultra low temperatures
- Remotely activated, electronic locks available
- Detachable lifting/transport security lugs