

THERMASAFE™ - TCL CABINET

TRACKSIDE CABINET



The Rainford® TCL (Temperature Controlled Location) Cabinet is a secure, modular outdoor enclosure designed to provide a stable, climate-controlled environment for critical infrastructure. Engineered for deployment across private networks. It ensures reliable equipment operation in locations where environmental conditions would otherwise limit performance or longevity. Utilising an active cooling system, with an integrated forced air-cooling system it supports consistent performance in exposed or high-temperature environments.

PN	DESCRIPTION
MA003219	RAINFORD TCL CABINET



Dimensions: 1958 x 2025 x 810mm (HxWxD) *Excludes side mounted



Weight: 477kg

FEATURES & BENEFITS

- **Thermal Management:**
 - o Active cooling enables higher heat loads vs passive systems
 - o Maintains stable internal operating environment
- **Security & Protection:**
 - o IP54 protection against dust and water ingress
 - o LPS1175 Level 2 vandal resistance
- **Flexibility:**
 - o Supports legacy and modern equipment
 - o Mixed mounting (19" + BRS)
- **Operational Efficiency:**
 - o Eliminates need for REB in some applications
 - o Lower lifecycle carbon impact (~300 tonnes saving)
- **Maintenance:**
 - o External fan access
 - o Replaceable filters
 - o Modular design
- **Design Life:**
 - o 35+ years
 - o Low maintenance

TECHNICAL SPECIFICATION

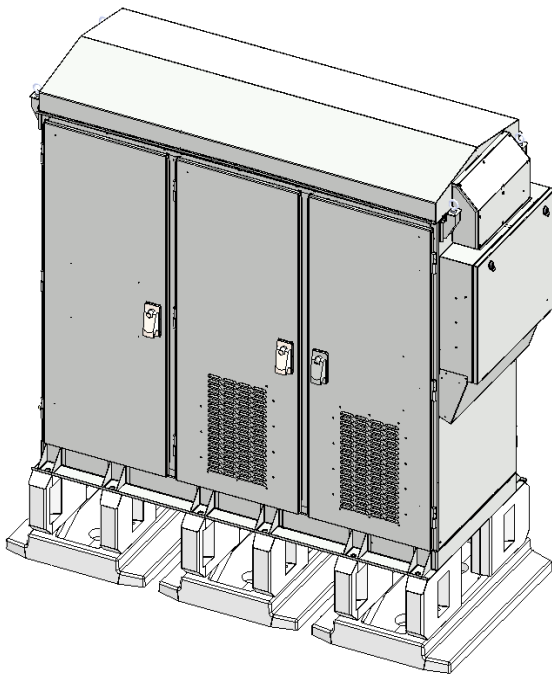
- **Configuration:** 3 Bay
- **U Height:** 34U
- **Mounting Format:** 19" + BRS-SM Compatibility
 - o Bays 1 & 2: 19" mounting rails
 - o Bay 3: Unistrut framework
- **Material:** 1.4003 Stainless Steel
- **Finish:** Polyester powder coat
- **Colour:** Grey (RAL7035)
- **Doors:** 3 front / 3 rear
- **Handle:** Hasp & Staple
- **Lock Type:** Padlock (Not included)
- **Locking:** 3-point locking system
- **Roof:** Hinged peaked roof
- **Lifting:** 4 lifting lugs
- **Earthing:**
 - o Copper earth bar
 - o External M16 earth stud
 - o Internal bonding throughout

COOLING SYSTEM

- Type: Forced air / active cooling
- Heat Dissipation: 1700W @ T 10°C
- Fans: Speed controlled with filters
- Alarms: Fan fail / temp / power

KEY POINTS

- Temperature Controlled Signalling Cabinet
- Active Cooling Capability
- Compact alternative to REB's (as shown below)



ACCESSORIES

- Sliding shelf
- Battery tray
- Internal LED lighting
- Gland plates (removable)
- Roxtec cable entry
- Vertical cable ducts

IN ACCORDANCE WITH

- IP54 per EN 60529
- LPS1175 SR2
- PADS PA05/06865