



**THE PROBLEM**

Watching television is a national habit, and also a perfect activity for entertaining individuals or for a group of people. Recent surveys show that a quarter of the population in the United Kingdom list watching TV as their favourite pastime, which shows the importance in providing televisions in facilities.

In challenging environments, some of the most relax periods are when favourite programs are being shown on television, this shows how critical TV equipment is. Although the casing of many televisions provides some degree of protection, connection ports, and the front display screen are far more susceptible to damage.

In high traffic areas televisions can be subjected to accidental damage, simply spilling a cup of tea over a television can prove fatal. An operational television is seen as an expected facility in many environments.

**THE SOLUTION**

The Clarke Delta TV Protection Cabinet provides an excellent method of protecting TV's, by fully encapsulating the TV within a stylish cabinet. The robust cabinet is manufactured from quality robust materials, and coated with an antibacterial polyester powder coating. The front panel in the cabinet is polycarbonate which is fifteen times stronger than glass, giving the confidants that the television will be safe in the most challenging environments.

A complete access door is also provided giving quick access to the TV. In order to allow sufficient cooling and air circulation for the TV, grilles are included in the stylish design. A robust TV bracket is also included, enabling easy installation of the TV Protection Cabinet. All Clarke Delta TV Protection Cabinets are manufactured to suit, meaning that you have the freedom to select a TV Protection Cabinet to suit your TV.

### MATERIAL

Electro Zinc Coated mild steel grade DC01 + ZE 25/25 to standard EN10152 : 2015.

Electro-Zinc Coated Steel sheet or Zintec is a cold rolled material that has been electrolytically coated with a thin layer of zinc.

Standard Thickness: 1.5mm

The clear front viewing panel is 6mm thick polycarbonate sheet.

### CONSTRUCTION

The Clarke Delta TV Protection Cabinet consists of three main components:

- 1) The Main Frame
- 2) Front viewing panel frame.
- 3) Polycarbonate viewing panel

Key locks are added to the cabinet to ensure security.

### MANUFACTURE

All of our components are inspected to strict quality control measures. Components are manufactured by our network of ISO 9001 certified manufacturers.

### CUT OUTS

To prevent the need for site cutting, and make the installation process more efficient we program cut outs during our manufacturing process.

These cut outs can be used for the fixing process, and to overcome site obstacles.

CNC punch presses are used to create the cut outs, ensuring a factory finished edge.

### FINISH

We offer polyester powder coating (PPC), as our preferred finishing method due to the quality of finish, full range of RAL colours and finishes available, scratch resistance, and a key factor being the environmental advantages.

Anti-bacterial coating

### SHAPE

Our standard design consists of a sloping top and bottom detail, preventing a potential ligature point, and also stopping the top being used as a shelf.

The sides of the TV Protection Cabinet are square with radius corners, in order to prevent occupants injuring themselves on the cabinet.

### SIZES

The standard requirement is to measure the size of your TV without the table mounted stand, this will be the size of the clear viewing panel at the front of the cabinet.

The TV protection cabinet is designed to be as slim as possible, although a minimum 30mm clearance is required from the front face of the the TV to the inside of the polycarbonate viewing panel.

The 30mm gap is to ensure suitable air circulation for the TV screen.

### COLOUR

BS4800 00E55 Semi Gloss (Antibacterial).

### OPTIONS

We can supply a selection of materials, colours, and finishes to give our customers the best possible solution.

### CONSIDERATION

Grille configurations can be altered to ensure compliance with our customers specification.

### ENVIRONMENTAL

The TV protection cabinet is recyclable, iron and steel are the world's most recycled materials.

### SERVICES

Site consultations can also be completed to ensure customers receive the best possible solution for their requirements.