



THE PROBLEM

Air Conditioning units are critical for the operation of many businesses either from a staffing or operational perspective. External units are at risk of being damaged, tampered with, vandalised, or at worst stolen. It is therefore vitally important to protect your assets, air conditioning cages for condensing units provide an excellent solution to this problem.

Air conditioning unit theft is recognised as a major issue throughout many of the UK police forces, with units being stolen for the scrap value of copper, steel, and aluminium.

When air conditioning units are stolen hazardous refrigerant gases are released into the atmosphere, which is a criminal offence in itself. 1kg of harmful refrigerant gas can cause the same damage to the atmosphere as running a car for six months.

THE SOLUTION

Clarke Delta pioneering air conditioning cages are manufactured specifically to suit our customer's setup. Our flexible range of high quality cages offers the best protection for the air conditioning units. All our covers are manufactured through our network of ISO9001 accredited manufacturers reducing any problems that could occur.

Our supply of products are all supported with industry professionals who are on hand to provide a full support service to our customers. Site consultations can also be completed to ensure customers receive the best possible solution for their requirements.

Products are offered in a range of sizes, materials, colours, and finishes to give our customers the best possible solution to their requirement.

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

CONSTRUCTION

The Clarke Delta Air Conditioning Cages consist of two major components:

- 1) The Main Frame
- 2) Front Removable Access Door .

Key locks are added to the cage 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.

SHAPE

Our standard design consisting of the main frame and front removable door is sized to suit complete coverage of an external condensing unit.

The top of the cage is flat, and the sides are square. Returns on the sides, and base allow for the unit to be secured to either the wall or floor.

SIZES

The standard requirement is to measure the condensing unit, and allow a minimum 100mm clearance on both sides.

It is also a minimum requirement to allow 100mm above the condensing unit in height, and 100mm clearance should be added to the depth of the cage. Sufficient clearance will ensure suitable circulation for heat transfer and air intake.

CUT OUTS

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

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.

COLOUR

RAL 9003

OPTIONS

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

CONSIDERATION

Our grille configuration can be altered to ensure the perforations in the cage match the outlet or inlet positions of the air conditioning cage.

ENVIRONMENTAL

The air conditioning cage 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.