

Description

This model of prefabricated unit may be used for either living or office accommodation, depending on the choice of internal accessories (a range of living and office furniture is also available from UNHRD stock). In either case it is designed to house two people. The structure may be installed and dismantled without using mechanical handling equipment by four individuals in approximately three hours. The external walls consist of self-supporting sandwich type panels. A core of self-extinguishing polyurethane resins ensure the insulation. The panels have waterproof and dustproof tongue-and-groove vertical joints and are fully interchangeable. Each unit requires one unit of B38713308 (Air conditioner for prefabricated buildings) to provide heating or cooling for the accommodation. If more than one prefabricated unit is to be installed in a single location it may be useful to procure B46214003 (Distribution box/electrical kit), which will permit multiple prefabs to be connected to the power supply. In addition, it is recommended that the associated tool kit, B42925505 (Tool kit with ladder for prefabricated), be procured in order to facilitate installation.



Description

The shelters series “501” are ideally suited for construction sites, construction camps and drilling camps, where they will be advantageously turned into offices, living accommodations, changing rooms and toilet facilities: all in all, the ultimate compromise between quality and price. The shelters series “501” can be stacked to form a two-storey high structure at the most, or linked lengthwise (short and/or long side) to form various complexes in line with the customer’s wishes. The key feature of the shelters series “501” lies in the fact that the structure is entirely seamless and secured by mere fitting bolting; as a result, they can be delivered completely disassembled (basement and roof included) in order to be loaded onto shipping containers. The great simplicity of the system and the reduced weight of each component make it possible, firstly, to assemble rapidly the structure without using mechanical handling equipment, secondly, to have the building knocked down, shipped and relocated; this is an easy and low-cost operation. If need be, the shelters series “501” can be delivered fully assembled and duly provided with all necessary fittings, cables and pipes, ready to be connected to the mains on site.

Loadable quantity:

20ft container:
3 units plus 3 air conditioners
40ft container:
8 units plus 8 air conditioners

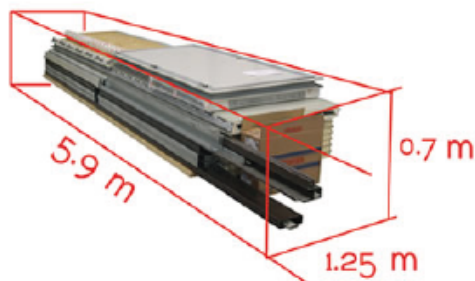
First level of packaging

Length: 2.80m
Width: 2.26m
Height: 1.10m
Volume: 6.96 m3
Gross Weight: 1030 kg
Net Weight: 1030 kg

Unit of measure: Office unit (each)



501



Assembly Kit , just 5,3 m³

All components are packed so as to occupy approximately a 5 m³ volume. Consequently, 6 self-contained packaged buildings at most can be loaded onto a shipping container 20 feet long.



Electrical Installation

A waterproof junction box is mounted on the outside of the building, while the inside houses a self-extinguishing PVC electric panel. 10A/16A shuttered socket outlets, widely used in the country of application, are positioned in a manner such as to match the various installed appliances. According to its intended use, indoor lighting inside each building can be achieved either by means of glass fibre reinforced polyester ceiling fixtures and a methacrylate diffusing screen.

501 Description video



<https://youtu.be/41f42-6JW08>



Sanitary Installation

Plumbing fixtures are engineered for time effectiveness and easy maintenance. The supply ducts are of butylenes complete with fittings and fixtures for hot and cold water. Sewage pipes are in polyethylene, securely fixed to modules and led to the designed exit point for connection to the external sewerage mains.