

TECHINICAL SPECIFICATION

Of

SANITARY CABIN

I. Dimension(mm) & Weight (kg)

| Type | external | | | | internal | | | weight |
|------|----------|---------|-------------------|-------------------|----------|-------|-----------|-----------|
| | length,L | width,B | height(package),H | height(assembled) | length | width | height | |
| 10' | 2989 | 2435 | 648/864 | 2591/2790 | 2795 | 2240 | 2340/2500 | from 1350 |
| 16' | 4885 | 2435 | 648/864 | 2591/2790 | 4710 | 2240 | 2340/2500 | from 2055 |
| 20' | 6055 | 2435 | 648/864 | 2591/2790 | 5860 | 2240 | 2340/2500 | from 2000 |
| 24' | 7296 | 2435 | 648/864 | 2591/2790 | 7140 | 2240 | 2340/2500 | from 2500 |
| 30' | 9120 | 2435 | 648/864 | 2591/2790 | 8925 | 2240 | 2340/2500 | from 2770 |

II. Floor

- steel frame
 - made from cold rolled, welded steel profiles, 4 mm thick
 - 4 corner casts, welded
 - 2 fork lift pockets (except 30') - distance 2, 050 mm (option 950 mm)
(inside clearance of fork lift pockets: 260 x 85 mm)
 - steel cross members, thickness=3mm
- insulation
 - 100 mm thick mineral wool
- subfloor
 - 0.5mm thick, galvanized steel sheet
- floor
 - 18mm chipboard (water resistant(V 100),The chipboard complies with the emission value E1)
 - 1.5mm PVC floor
flammability class B1 - hardly combustible
smoke density class Q1 - low smoke emission
welded seams

III. Roof

- steel frame
 - made from cold rolled, welded steel profiles, 4 mm thick
 - 4 corner casts, welded
 - wooden cross member l x w = 100 x 40 mm
- roof cover
 - 0.5mm thick, galvanized steel sheet,



double folded joint along the whole cabin length

- insulation -60 mm thick mineral wool + 40mm thick EPS
- ceiling -10 mm chipboard (V 20), laminated on both sides, white
The chipboard complies with the emission value E1
- CEE connector -sunken in frame on short end side

IV. Corner Post

-cold rolled 4 mm thick steel profiles
screwed to the roof and floor frame

V. Wall Panels

- thickness -70mm thick
- external cladding -corrugated, galvanized and coated steel sheet
0.5 mm thick
- insulation -60mm thick EPS or Mineral wool
- internal cladding - corrugated, galvanized and coated steel sheet
0.5 mm thick
Color: white (RAL9001)

VI. Insulation

- mineral wool -density:30-40kg/m³ or 100kg/m³
-flammability class A - non combustible
smoke density class Q1 - low smoke emission
-certificated: CE & GL

VII. Doors

- external door - right or left hand hinged
- door blade with galvanized steel sheets on both sides,40 mm
insulation
- steel frame with triangular wraparound sealing
- dimensions:
nominal dimensions internal clearance
875 x 2,000 mm 811 x 1,968 mm
- internal door - right or left hand hinged



- (option)
- door blade with galvanized steel sheets on both sides
 - steel frame with triangular wraparound sealing
 - dimensions:

| | |
|--------------------|--------------------|
| nominal dimensions | internal clearance |
| 625 x 2,000 mm | 561 x 1,968 mm |
| 875 x 2,000 mm | 811 x 1,968 mm |

VIII. Windows

- sanitary window (W4)
 - Upvc windows with insulated Color:white
 - window dimensions: 652 x 714 mm
 - roller shutter box with blind fastener.
 - Aluminum lamella ,color: white

IX. Electrical Installation

- technical data
 - sunken CEE external plug and socket connections voltage 230/400 V (option: 110V)
 - 50 Hz, 3/5 poles, 32 A
 - circuit diagram for assembly provided inside the consumer box
 - consumer box, surface type, single-row/twin row
- distributor data
 - definition according to IEC61009/GB16917.1
 - residual current operated device 40A/0.03mA 2/4poles
 - circuit breaker 10 A (light) 2 poles
 - circuit breaker 13 A (convector heater) 2 poles
 - circuit breaker 13 A (sockets) 2 poles
 - single-row/2 twin wall sockets
 - light switch
 - 2 twin batten fluorescent light tubes with plastic covering 2 x 36 W
- earthing
 - 1 galvanized strip iron earth electrode (25 x 4 mm) with fastening.
 - The protective earthing installation on site must be carried out by the buyer/hirer.

X. Paint

- prevent oxidation
 - all the steel frame operated by zinc galvanized
- paint color
 - RAL Color
- frame
 - 20-40 µm primer
 - 40-50 µm topcoat
- wall panel
 - 50 µm paint thickness



XI. Test Result

- insulation (U)
 - floor: thickness=100mm,U=0.25 W/m² K
 - roof: thickness=100mm,U=0.32 W/m² K
 - panel: thickness=60mm,U=0.59 W/m² K
 - window: thickness=4/16/4mm,U=2.7 W/m² K (EN673)
 - argon filled window: thickness=4/16/4mm,U=1.4 W/m² K (EN673)

- load bearing capacity:
 - floor load: max. load capacity 2.0 kN/m² (200 kg/m²)
 - wind load: 25 m/s (90 km/h)

XII. Water installations:

- water supply Supply with 3/4" or 1" PVC pipe through the cabin wall

- warm water Electrical tank water heater (50L,80L,300L; 1.5-8kw)

- waste water The waste water is collected in PVC pipes DN 50 or DN100 (external diameter 50 or 110mm) and discharged through the cabin wall

XIII. Quality Control

ABS (American Bureau of Shipping) Type Test

