

TECHINICAL SPECIFICATION

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 (inside clearance of fork lift pockets: 256 x 90 mm)
 - steel cross members, 12pcs, thickness=3mm
- insulation
 - 100 mm thick
- subfloor
 - 0.5mm thick, galvanized steel sheet
- floor
 - 18mm OSB board
 - 1.8mm PVC floor, LG
 - 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
 - steel cross member, 9pcs,thickness=3mm
- roof cover
 - 0.5mm thick, galvanized steel sheet, RAL9002
 - double folded joint along the whole cabin length
- insulation
 - 100 mm thick
- 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 (customer provide)

IV. Corner Post

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

V. Wall Panels

-thickness -70mm

-external cladding -corrugated, galvanized and coated steel sheet
 0.5 mm thick

-insulation -60mm thick

-internal cladding -9 mm chipboard (V 20), laminated on both sides, Oak color
 The chipboard complies with the emission value E1

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

Alu door, single fold, filled door with opening dimensions of 810X2000mm, furnished with a cylinder lock with 3 keys. Doorframe is made of painted sheet metal, and overall dimensions of 870X2040mm, 40mm thick insulated with polyurethane foam

VIII. Windows

-tilt & swing window (options)

PVC, white color, 800mm x 1100mm, glazed with double layer glass in a thickness of 4/9/4mm, with "tilt & swing" mechanism, supplied with external alu rolling shutter

IX. Electrical Installation

-technical data

-sunken CEE external plug and socket connections (customer provide)
 voltage 220 V
 -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 16 A (sockets) 2 poles
- circuit breaker 16 A (AC socket) 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, $U=0.25 \text{ W/m}^2 \text{ K}$
 - roof: thickness=100mm, $U=0.32 \text{ W/m}^2 \text{ K}$
 - panel: thickness=60mm, $U=0.59 \text{ W/m}^2 \text{ K}$
 - window: thickness=4/16/4mm, $U=2.7 \text{ W/m}^2 \text{ K}$ (EN673)
 - argon filled window: thickness=4/16/4mm, $U=1.4 \text{ W/m}^2 \text{ K}$ (EN673)
- load bearing capacity:
 - floor load: max. load capacity 2.0 kN/m^2 (200 kg/m^2)
 - wind load: 25 m/s (90 km/h)

XII. Quality Control

ABS (American Bureau of Shipping) Type Test



20ft with single bedroom and 1 bathroom

20' steel frame with insulation

Height(m) Ext:2,79m/Int.size:2,50m

Floor:

Made from cold rolled, welded steel profile, 4mm thick; 4 corner casts,SPHC

12PCS steel cross members, Q235A,thickness 3mm

forklift pocket.size:90mm x 256mm x 2050mm

insulation:100mm mineral wool (40KG/m³)

subfloor 0,5mm thick galvanised steel sheet

18mm cement board

floor cover:1,8mm PVC floor (LG)

Roof

Made from cold rolled, welded steel profile, Q235A,3mm thick; 4 corner casts

11PCS steel cross members, Q235A,thickness 3mm

insulation:100mm mineral wool (40KG/m³)

roof covering:0,5mm thick galvanised steel sheet, RAL9002

ceiling:0,5mm thick galvanised steel sheet, RAL9002

Corner Post:

Q235A,thickness 3mm

Wall Panel:

width:1145mm, thickness:60mm, insulation:60mm 120KG/M3 mineral wool,

external clading:0,5 thick galvanized steel sheet ,internal clading:0,5 thick galvanized steel sheet

Windows

PVC sliding window,800*1100mm, 4/12/4 mm glasses, white color, VEKA profile, supplied with external Alu rolling shutters in guides; with flyscreen.

Door

Alu door, single fold, filled door with opening dimensions of 810X2000mm, furnished with a cylinder lock with 3 keys. Doorframe is made of painted sheet metal, and overall dimensions of 870X2040mm, 40mm thick, made of painted sheet metal as the framework, insulated with polyurethane foam with screen door

Eletrical

DB box(40A,16A,10A)

2 x 36w light

switch:single

Australian socket

CEE socket: Customer provide

wiring: Australian standard, only 1.5mm² and 2.5mm²

Sanitary wares

Shower cabin

Toilet

Paper holder

Wash basin

Mirror and support

Vent

Floor drain

Pipes

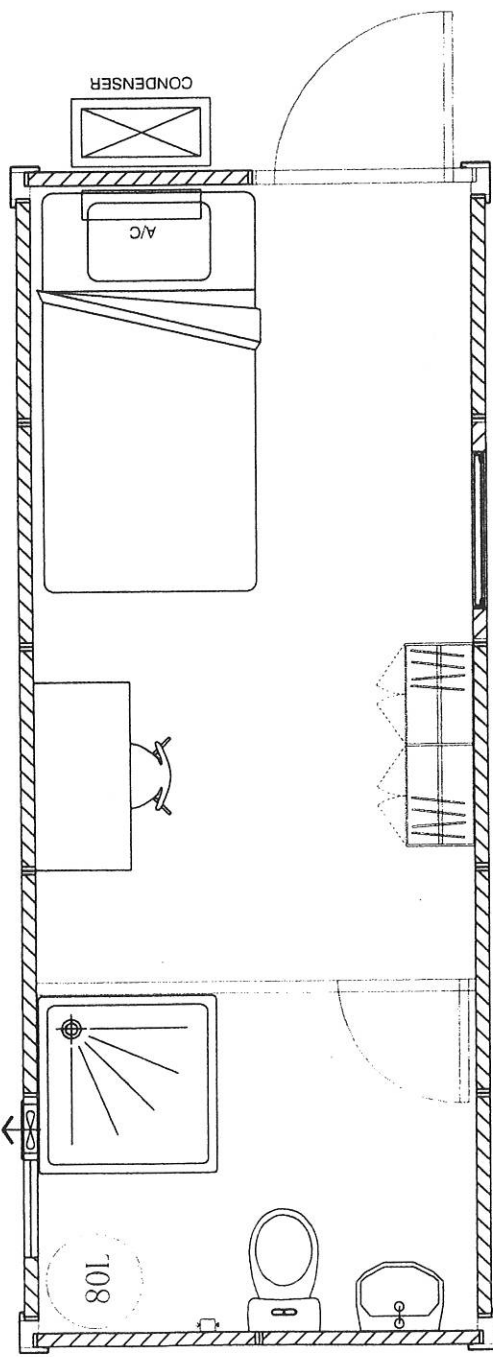
80L water heater

LEGEND:

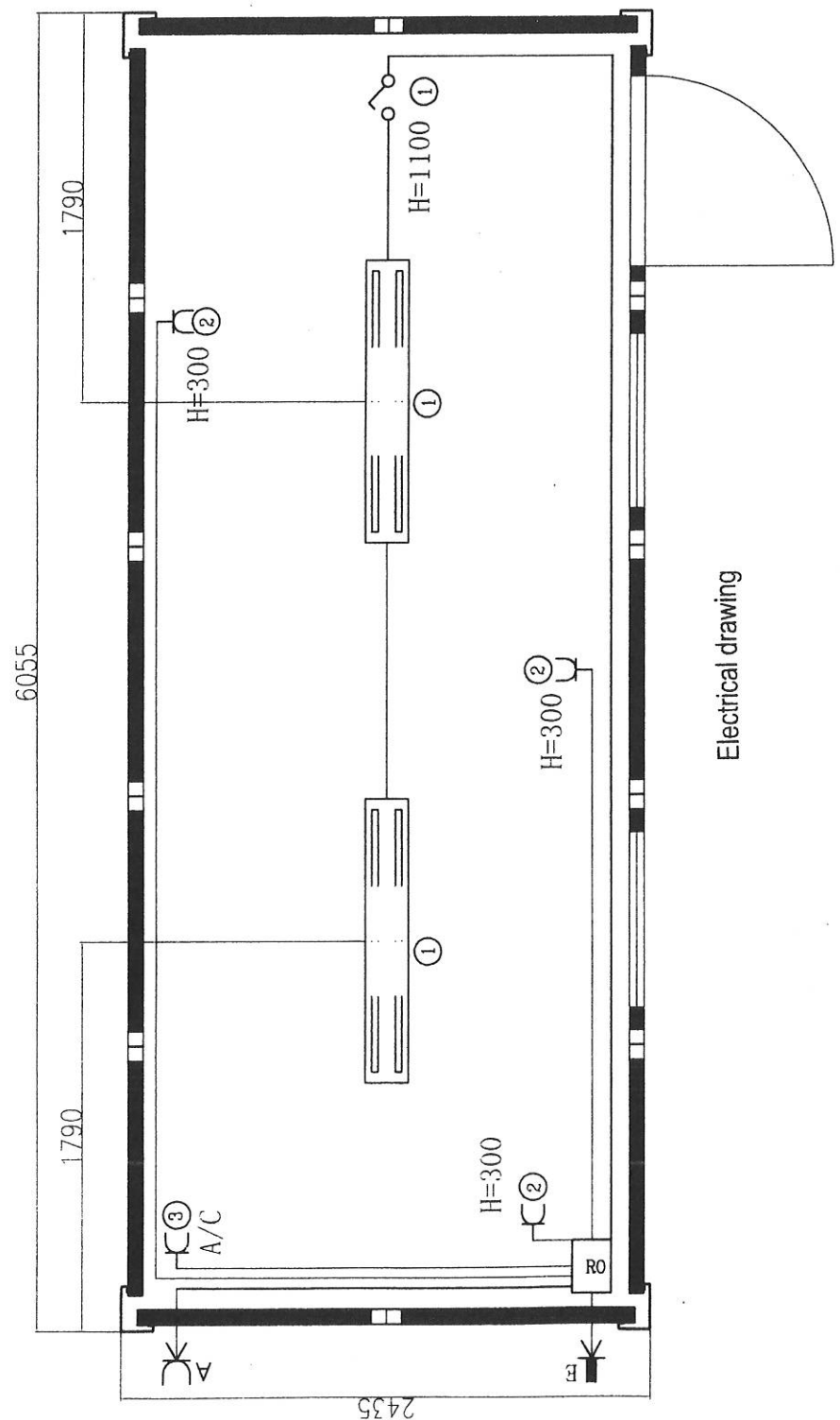
- long side linking
- short side linking
- LK-L
- LK-S
- 114.5mm wall panel
- 114.5mm glasses wall panel
- tilt & turn window double
- layer glasses
- door
- twin door
- single light switch
- double switch
- triple switch
- single electrical socket
- twin socket
- 220V CEE SOCKET
- connect cable
- distribution box
- 80L electrical water heater
- 2x36w lamp light
- smoke detector
- 2200w convertor
- ceramic urinal
- ceramic toilet
- ceramic wash basin

ELECTRICS:

PLUMBING:



20 FEET SINGLE SLEEPING UNIT



220~250V, 50~60Hz, L1, L2, L3 TN-S

