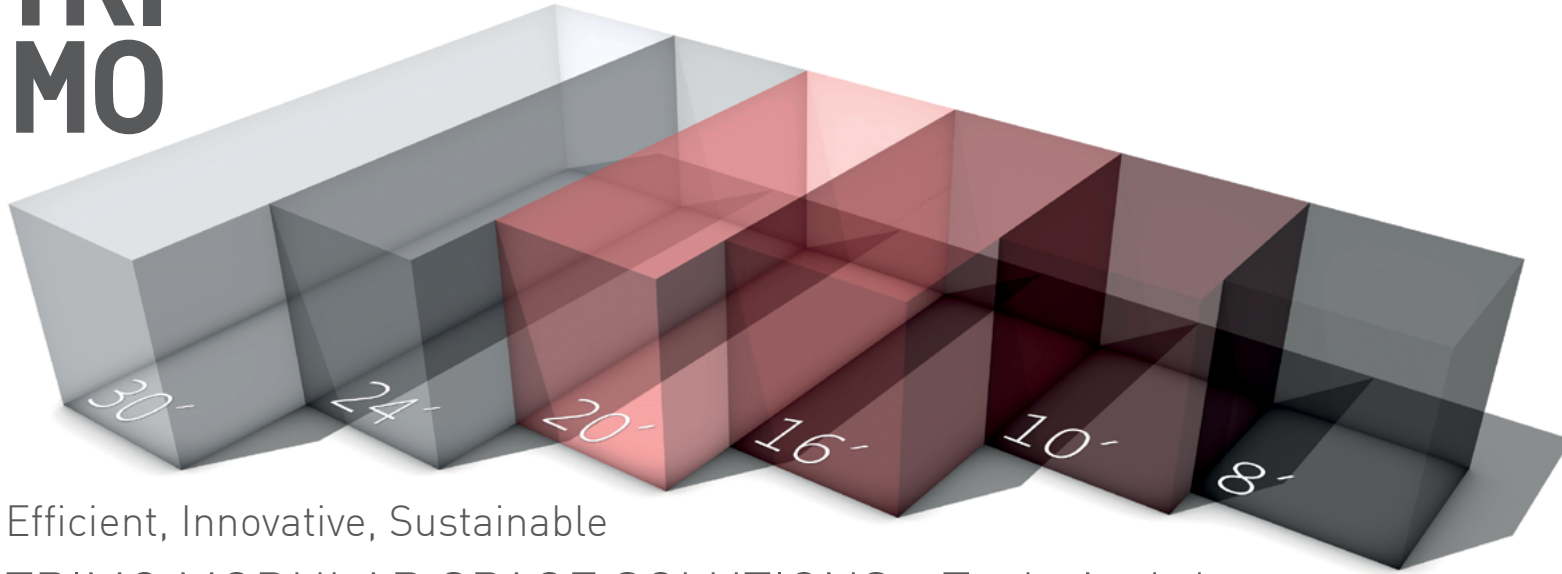


TRIMO



Trimo Modular Unit Dimensions (m)

Type	Lenght		Width		Area m ²	
	External	Internal	External	Internal	External	Internal
8'	2,435	2,235	2,435	2,235	5,93	5,00
10'	2,989	2,789	2,435	2,235	7,28	6,23
16'	4,88	4,68	2,435	2,235	11,88	10,46
20'	6,055	5,855	2,435	2,235	14,74	13,09
24'	7,325	7,125	2,435	2,235	17,84	15,92
30'	9,155	8,955	2,435	2,235	22,29	20,01

Standard external/internal height of the units are 2,591/2,326 m and 2,765/2,500 m.

Efficient, Innovative, Sustainable

TRIMO MODULAR SPACE SOLUTIONS - Technical data

Modular unit

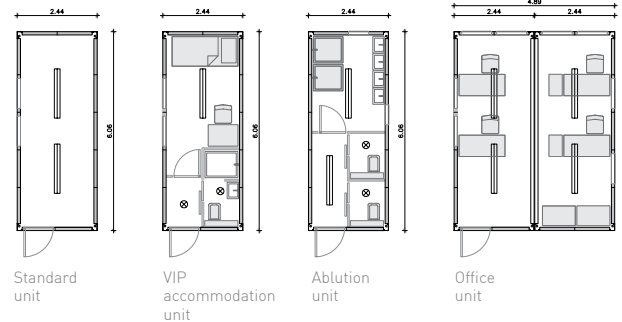
The modular unit is designed as a light construction consisting of floor and roof frames and corner profiles. The construction enables the connection of individual modular units in longitudinal and transverse directions without limits. It also enables the stacking of units in two additional floors (ground floor + first floor) or even 3 floors (ground floor + 2 floors) with a minimum of three units per floor.

The modular unit's effective life span is minimum of ten (10) years under harsh field conditions and more than thirty (30) years with the correct maintenance. It is capable of sustaining at least three (3) assemblies and three (3) disassemblies during its life span.

Modular units can be delivered as a flat-packed (in Trans-packs 660 mm high) with completely pre-assembled floor and ceiling. Units can also be delivered factory assembled. The assembled modular units are solid enough to enable transport and handling by any ISO means (crane, forklift, spreader etc.).

Units can be completely fire proof with the walls, floors and ceilings being constructed of class "A" non - combustible materials.

Layouts - 20' modular unit





Standard Technical Specifications

CONSTRUCTION / STEEL FRAMEWORK

- **Basic Structure** Cold Rolled Steel profiles 2 mm to 4 mm for Floor Frames in S235 JR or S355
- **Corner Fittings** As per ISO 1161
- **Drainage** 4 each of PVC rainwater pipes, outside diameter 50 mm in corner pillars

LOADINGS

- **Wind Load** 0.5 kN/m²
- **Floor Permissible loads & Composition** 2.00 kN/m²
- **Ceiling Permissible loads & Composition** 1.00 kN/m²

COLOUR

- **External Colour** Frames RAL 9002; Walls RAL 9002
- **Internal Colour** Walls RAL 9002; Floor Grey; Ceiling White

INSULATION & FINISHING

- **Floor** Mineral wool of 100 mm, PVC vinyl floor covering 1.5 mm over 18 mm thick Cement board U= 0.33 W/m²K
- **Ceiling** Mineral wool of 100 mm, Chipboard in a thickness of 8 mm with a foil in white colour U= 0.33 W/m²K
- **External & Internal walls** Fire resistant Rockwool Sandwiched TRIMO Panels 60 mm thick (external/ internal steel sheet 0.5 mm, mineral wool 60 mm) EN 14509:2006/A:2008 CE marked U = 0.61 w/m²k

DOORS AND WINDOWS

- **External & Internal door** Aluminium single doors, furnished with a cylinder lock and size of 2000 x 850 mm / 750 mm, filled and white colour.
- **Windows** PVC windows, dimensions 885/1200 mm, glazed with insulation double-layer glass in a thickness 4/15/4 mm, with mechanism to open side and top (tilt and turn type) and furnished with PVC rolling shutters.

ELECTRICAL INSTALLATION

- **Standard** BS 7671 / UL Listed (US) / EU standard electrical installation
- **Voltage** Voltage 230/400 V and 50 Hz.
- **Network connection** CEE connection plug / socket, 5 pole, 32 A, 400 V, mounted on the outer wall of the container, recessed into top frame in the upper corners of the shorter side wall.
- **Inner distribution system** Electric distribution box, NyM-J cables of suitable dimensions, flush-mounted, IP-40 (dry rooms) or IP-65 (wet rooms).
- **Fittings** Flush-mounted switches and sockets Fluorescent, ceiling lights Fire/Smoke detector

SANITARY EQUIPMENT

- **Distribution of sanitary water** Poly-propylene pipes
- **Waste pipe** PVC pipes, diameters 50 mm and 110 mm, surface-mounted
- **Fittings**
 - Ceramic sink with mixing tap, mirror and plastic shelf
 - Ceramic toilet pan and urinal
 - Monolith polyester shower cabin
- **Water heater** Electric water heater

PACKAGING

- **Accomplishment** Flat-Packed / Assembled / Packed in High-Cube Container

Optional Equipment

For complete comfort, highest functionality and an appearance to meet clients` requirements, there are several possibilities of optional equipment:

- walls with inner wainscot of chipboard with a foil in white color or wood pattern (bright maple)
- doors: outer, inner, aluminium, steel, wooden, various, colors, glazed
- windows: single panel, double panel, sanitary, with shutters, blinds, grat for protection against burglary,
- fork-lift openings,
- interior equipment (complete kitchen, laundry, furniture),
- outer and inner stairs,
- fences and external terraces,
- overhangs,
- protruding roof,
- secondary roofs and façades,
- frames and walls in desirable RAL color,
- electric HVAC systems (heaters, AC units),
- additional reinforcements for floor load up to 10 kN/m²,
- internal height and external width up to 3 m,
- painting system (galvanization) for corrosion classes according to ISO standards.



TRIMO

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