



Omnishelter®

Via XI settembre,6 - CUGGIONO MI ITALY
Tel +39 0297249177 Fax +39 0297249096
www.omnishelter.it – omnishelter@omnishelter.it

PRODUCT SELECTION FORM

MOD. 010

REV. 02

OMNISHELTER F9: 9F9B79 NR. _____

To be filled by Omnishelter

CUSTOMER _____

PROJECT NAME _____

INSTALLATION SITE _____

SHELTER BODY

Dimensions (mm) Internal External

Width _____ mm Length _____ mm Height _____ mm

Material Steel Aluminium Stainless Steel Fiberglass®

Configuration Monolithic Modular Knock-down

External paint Colour: _____ (RAL) – NOTE: _____

Access doors Quantity: _____ Panic handle: No Yes

Net clearance Dimensions (mm) _____

Cable entry No Yes

Quantity: _____

Cables type, Outside diameter, and quantity: _____

Floor load capacity : 500 kg/m² other: _____ kg/m²

Other (specify) : _____

LIGHTING AND SERVICES SYSTEMS

Internal lighting No Yes Type: _____

Emergency lights No Yes

External lighting No Yes Crepuscular switch : No Yes

Mains wall outlets No Yes Quantity: _____ Type: _____

Other (specify) : _____

GROUNDING SYSTEMS

Internal copper bar collector(s): No Yes

Internal ground loop No Yes

Other (specify) : _____



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POWER DISTRIBUTION BOARD

Mains power supply : 1Ph+N 230 V -50 Hz - 3Ph+N 400/230 V – 50 Hz
 24 VDC 48 VDC
 Other _____

Isolation transformer No Yes Power _____ (kVA)

Lightning protection (SPD): No Yes

Distribution: Specify poles, power and/or current absorption

ALARMS

Open door No Yes

High temperature No Yes

Low temperature No Yes

Smoke alarm No Yes

Air-conditioning failure No Yes

Mains failure No Yes

Other (specify) : _____

EXTERNAL ACCESSORIES

Supporting feet No Yes

Access stair No Yes

Other (specify) : _____

INTERNAL ACCESSORIES

Tilting table & Document pocket No Yes

Fire extinguisher No Yes - Type _____

Internal cable tray No Yes

First aid kit No Yes

Eye wash kit No Yes

Other (specify) : _____



COOLING SYSTEMS

- 1.0 ACTIVE COOLING SYSTEMS**
- 2.0 PASSIVE COOLING SYSTEMS**
- 3.0 UNDERGROUND COOLING SYSTEMS**

TO BE FILLED ONLY FOR ACTIVE COOLED SHELTER

1.0 ACTIVE COOLING SYSTEMS (HEATING, VENTILATION AND AIR CONDITIONING)

Climatic Conditions - Thermal Data

External temperature min.: _____ °C max.: _____ °C

Internal temperature min.: _____ °C max.: _____ °C

Internal thermal dissipation _____ (W) Continuous: No Yes

Redundancy No Yes _____ %

• **Air Conditioning system**

Air conditioners No Yes

- Split system (external unit + internal unit)
- Internal compact (compact unit installed indoors)
- External compact (compact unit installed outdoors)

Other requirements :

Free cooling (Air conditioner with outside air ventilation system integrated)

• **Ventilation system**

VAC fans - VDC fans - Natural ventilation

Redundancy No Yes: _____ %

• **Heating system**

Heaters No Yes Power (W) _____

• **Other requirements/information**



TO BE FILLED ONLY FOR PASSIVE COOLED SHELTER

2.0 PASSIVE COOLING SYSTEMS

Installation site _____

Longitude/Latitude/Altitude _____

Internal thermal dissipation _____ (W) Continuous: No Yes

Internal temperature max acceptable : _____ °C

CLIMATIC CONDITIONS

• **Hot Season**

External temperature Te max.: _____ °C (Day)

Te min.: _____ °C (Night – during same day)

Hours at minimum temperature _____ H min.: (normally six hours)

Hours at maximum temperature _____ H max.: (normally six hours)

• **Cold Season**

External min temperature Te w.: _____ °C (Winter)

• **Other requirements/information**

TO BE FILLED ONLY FOR UNDERGROUND SHELTER

3.0 UNDERGROUND COOLING SYSTEMS

Installation site _____

Longitude/Latitude/Altitude _____

Internal thermal dissipation _____ (W) Continuous: No Yes

Internal temperature max acceptable : _____ °C

CLIMATIC CONDITIONS

External air temperature Te max.: _____ °C (absolute max)

Te min.: _____ °C (absolute min)

Soil average temperature at 2.5 meters underground _____ °C

• **Other requirements/information**



FIRE EXTINGUISHING SYSTEM

- Fire Control Panel No Yes
 - Automatic Extinguishing No Yes
 - Gas type CO₂ FM200 INERT
 Other _____
 - Other requirements/information
-

BACK UP BATTERIES

Are back up batteries installed? No Yes

Separate battery room: No Yes

Internal Dimensions (mm)

Width _____ mm Length _____ mm Height _____ mm

Floor load capacity : 1000 kg/m² other: _____ kg/m²

Battery Data:

Lead-acid vented battery Valve Regulated Lead Acid Battery Ni/Cd vented battery

No. of battery blocks: _____

No. of cells per block: _____

Rated capacity of battery: _____ Ah

Manufacturer: _____

Mode/Type: _____

Dimensions/Quantity/Weight of the batteries rack(s) (attach a sketch if available):



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INSTALLATION AREA CLASSIFICATION

Indicate the zone classification (Safe or Hazardous) where the shelter shall be installed.

SAFE AREA

An area in which an explosive gas atmosphere is not expected to be present in quantities such as to require special precautions for deconstruction, installation and the use of apparatus

CLASSIFIED HAZARDOUS AREA

HAZARDOUS AREA CLASSIFICATION (potentially explosive atmosphere - EN6079-10)
Indicate the zone classification (ATEX) of the area where the shelter shall be installed:

For more details please contact directly Omnishelter.

OTHER COMPONENTS/SYSTEMS REQUIRED

PLEASE ATTACH ANY AVAILABLE DRAWINGS, SKETCHES, NOTES AND OTHER INFORMATION

PLEASE FILL IN YOUR DATA, THANKS

Company name : _____

Address : _____

Website : _____

Contact Person : _____

Phone : _____

Email : _____