

**OMNISHELTER Srl**

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

PRODUCT SELECTION FORM

MOD. 010

REV. 02

PLEASE COMPILE THE FORM, SAVE AND SEND IT
TO OMNISHELTER : omnishelter@omnishelter.it

OMNISHELTER PROJECT 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-downExternal paint

Colour: _____ (RAL) – NOTE: _____

Access doorsQuantity: _____ 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/m²Other (specify) : _____**LIGHTING AND SERVICES SYSTEMS**Internal lighting☐ No ☐ Yes Type: _____Emergency lights☐ No ☐ YesExternal lighting☐ No ☐ Yes Crepuscular switch : ☐ No ☐ YesMains wall outlets☐ No ☐ Yes Quantity: _____ Type: _____Other (specify) : _____**GROUNDING SYSTEMS**Internal copper bar collector(s): ☐ No ☐ YesInternal ground loop ☐ No ☐ YesOther (specify) : _____

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POWER DISTRIBUTION BOARDMains 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 ☐ YesDistribution: Specify poles, power and/or current absorption

ALARMSOpen 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): _____

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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.: _____ °CInternal temperature min.: _____ °C max.: _____ °CInternal thermal dissipation _____ (W) Continuous: ☐ No ☐ YesRedundancy ☐ 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 ventilationRedundancy ☐ No ☐ Yes: _____ %

- **Heating system**

Heaters ☐ No ☐ Yes Power (W) _____

- **Other requirements/information**

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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**



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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 : _____