

ECOCAPSULE[®] BOX

TECHNICAL SHEET

DIMENSIONS AND AREA:

- exterior: (LxWxH) 8m x 3m x 3m (26,25 x 9,8 x 9,8 feet) i.e. exterior footage: 24 m²
- total footage of interior area: 18,0 m²
 - Living and sleeping area: 14,0 m²
 - Bathroom: 2,70 m²
 - Technical room: 1,30 m²
- exterior technical compartment 0,33 m²

CONSTRUCTION:

- frame construction: carbon steel frame.
- windows: triple glazed windows with aluminum and plastic frame
- roof and walls made from PIR (polyisocyanurate) panels with total thermal resistance (R-value) of 7m²K/W

ELECTRIC SYSTEM:

- operating voltage: 230 V
- solar panels (max. installed output): 9 kWp
- battery (total capacity): 25,6 kWh
- charger, inverter (included)

HVAC (HEATING, VENTILATION AND AIR-CONDITIONING):

- air-to-air heat pump providing both heating and cooling of air
- fresh air supply is provided by heat recovery unit.

WATER AND WASTE SYSTEM OPTIONS (extra features):

- includes interior water distribution system supplying bathroom (toilet, sink, shower) and kitchen (sink)
- water pump and water heater with reservoir (boiler)
- water supply possible:
 - from an external connection:
 - public water distribution network
 - external water tank on location
 - well
 - other natural resources (river, pond, stream, etc.)
 - individual refills from a water supply car, or manually carried
- optional fresh water tank (if external connection is not possible)
- optional water treatment system – mechanical and UV LED filters (for water supply with not guaranteed purity)
- waste system:
 - toilet options:
 - flushing toilet (if external waste connection is possible)
 - dry separation toilet with a separate container for solid waste and tank for liquid waste
 - chemical toilet
 - grey water (from shower, sinks):
 - output directly to an external waste system
 - exterior waste tanks (cesspool, or placed above ground level)
 - integrated interior waste tanks (necessary to pump-out often)

INTERIOR FEATURES AND MATERIALS (extra features):

- cladding (per choice) on interior walls and ceiling

- floor finish (per choice) – wooden, laminate or rubber
- kitchen equipped with cabinet, sink with water faucet, induction cooking plate (optional fridge and digester)
- bathroom equipped with shower, toilet and sink with water faucet, ladder radiator
- living area equipped with air-conditioning air outlet and optional dining table and chairs, storage cabinets, foldable couch with sleeping option
- sleeping area equipped with variable beds
- technical area equipped with electric system components, smart system, water system components, and air-conditioning unit

TRANSPORTATION:

- unit transportable as a wide load cargo using road truck
- manipulation on location using crane/arm

Should you have any more questions, please feel free to contact us on info@ecocapsule.sk or for sales & distribution: pisar@ecocapsule.sk

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