floodule

brand **new** product on the market

modular prefab floating house

floatinghouses.eu

floodule

compact, next-gen solution

floodule technology is completely different from
anything else on the property market

Modularity means easy transportation

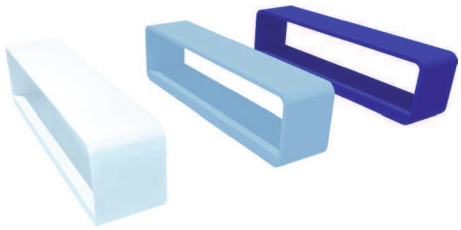
By using mobile and modular technology our product can be transported to every place in the world.

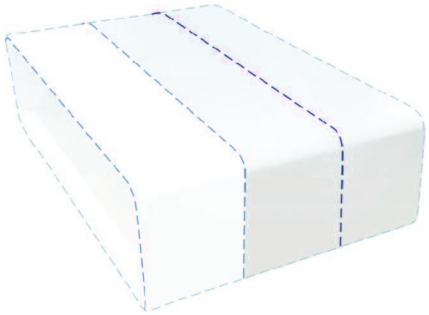
The whole structure is made of separate floating modules. How many and what configuration is decided individually for every project.

Standard equipment

The standard of the equipment also depends on the investor needs and the envisioned function of the object. This can be either a five star luxury apartment anchored in a remote corner of the world, offices, a restaurant or a floating house.

The optional equipment of every floodule includes air source heat pump, floor heating, biological water treatment plant and LED illumination. It is possible to utilize eco-friendly solutions such as photovoltaic collectors, solar panels and water or wind turbines.





Technology

Floating houses are constructed with the use of prefabricated composites, which are light and characterized by remarkable level of thermal and acoustic insulation rate.

Composites are fireproof, resistant to humidity and salt, and non-corrosive. The composite technology is widely used in automobile, aviatic, rail and, undoubtedly, in watercraft industry.

Functionality

Both the functionality and the standard of the floodule make it akin to civil engineering. Despite the innovational approach it’s a normal house that floats on water.

Technical Parameters

3-module version

module dimensions: 2.45 x 11.99 x 3.20 m.

total dimensions: 7.55 x 11.99 x 3.20 m

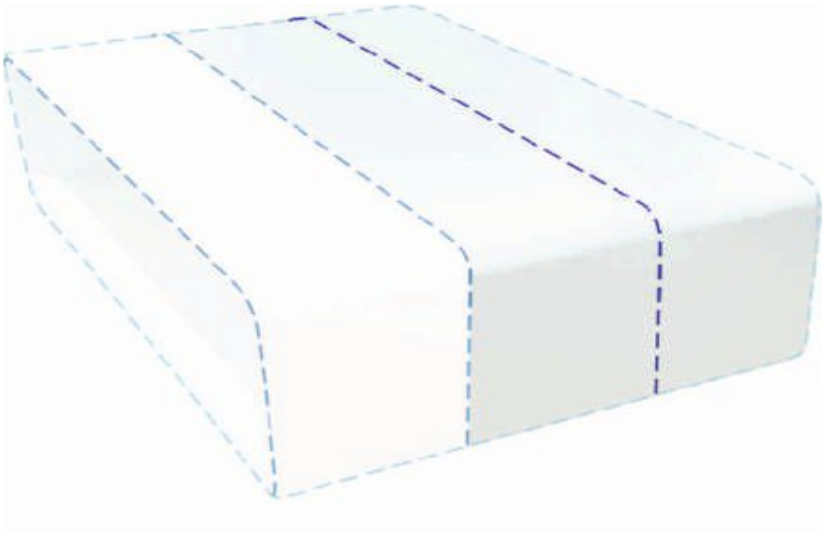
usable area: 80.1 m2 usable

roof area: 78.5 m2 total area: 90.5 m2 Manufacturing technology: glass composite

Colors: white RAL 9003, black RAL 9011

Window joinery: aluminum RAL 9011, warm profile, antisol gray triple glazing

Warranty: 24 months



Technical specification

Floats

- externall shell: glassfiber, marine UV Gelcoat (RAL 9003),
- height 56 cm,
- frame construction: pultruded composite profiles - GFK profiles,
- technical floor (deck) - glassfiber sandwich panel with PUR foam,
- spray on polyurethane protective coating to the height of draft (25 cm),
- insulation: closed cell foam PUR,
- the heat transfer coefficient U = 0.15 W / (m^2K).

External wall

- externall shell: glassfiber, marine UV Gelcoat (RAL 9003),
- thickness 20 cm,
- frame construction: pultruded composite profiles - GFK profiles,
- insulation: closed cell foam PUR,
- the heat transfer coefficient U = 0.15 - 0.20 W / (m^2K),
- finishing inside: gypsum board reinforced with glassfiber, once painting white.

Internal wall

- frame construction: galvanized profiles for gypsum board,
- insulation: PUR foam,
- finishing: gypsum board reinforced with glassfiber, once painting white.

Roof / Rooftop terrace

- externall shell: glassfiber, marine UV Gelcoat (RAL 9003),
- non-slip surface of the roof,
- thickness 20 cm,
- frame construction: pultruded composite profiles - GFK profiles,
- insulation: closed cell foam PUR,
- the heat transfer coefficient U = 0.15 - 0.20 W / (m^2K),
- finishing inside: barrisol ceiling gloss white.

Electrical installation system

- electrical connection from land side
- 220-240 VAC
- prepared for 24V LED light instalation
- prepared for Smart Home systems
- without wiring accessories

Sanitary installation system

- potable water supply system from land
- biological sewage treatment in standard
- PVC piping system
- prepared for central heating and hot water
- without kitchen and bathroom fittings

Ventilation installation system

- electrical ventilation system with heat recovery 180 m^3/h
- prepared for air conditioning systems

Windows / Doors

- aluminum joinery (RAL color),
- triple glazing, antisol glass,
- external doors fully glazed,
- double sliding patio doors from the water side.

Equipment

LIVING ROOM + KITCHEN (53.0 m2)

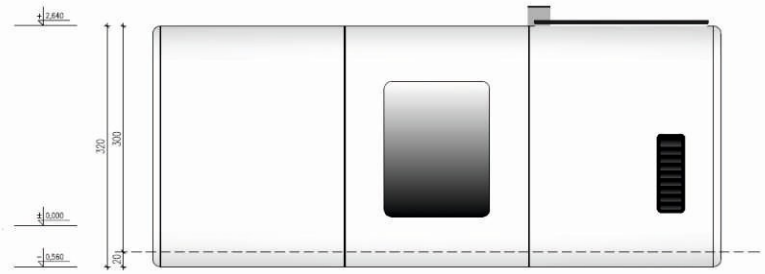
1. Ceramic tiles on the floor
2. Antenna installation
3. LED lighting
4. Electric sockets and switches
5. Electrically operated internal blinds or shutters
6. Kitchen in the form of an annex
    - induction hob with two cooking zones x 1
    - fridge with freezer x 1
    - dishwasher x 1 pc.
    - sink x 1 pc.
    - kitchen mixer x 1
    - electric kettle x 1
7. Kitchen table for 6 people x 1 pc.
8. Kitchen chairs x 6 pcs.
9. Folding sofa with a sleeping function x 2 pcs.
10. Armchairs x 2 pcs.
11. Coffee table x 2 pcs

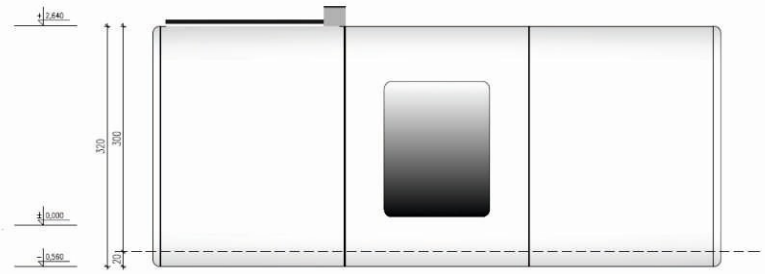
BEDROOM

1. Ceramic tiles on the floor
2. LED lighting
3. Electric sockets and switches
4. Electrically operated internal blinds or shutters
5. Glass wall moved by hand, separating the living room from the bedroom
6. A bed with a mattress measuring 160 x 200 cm x 1 pc.
7. Bedside table x 2 pcs.
8. Wardrobe x 1 pc.
9. Small desk x 1pc
10. Chair x 1 pc.

BATHROOM

1. Ceramic tiles on the floor
2. LED lighting
3. Electric sockets and switches
4. Electrically operated internal blinds or shutters
5. Hanging toilet bowl x 1 pc.
6. Basin x 1 pc.
7. Bathroom faucet x 1pc
8. Mirror x 1pc
9. Shower cabin x 1



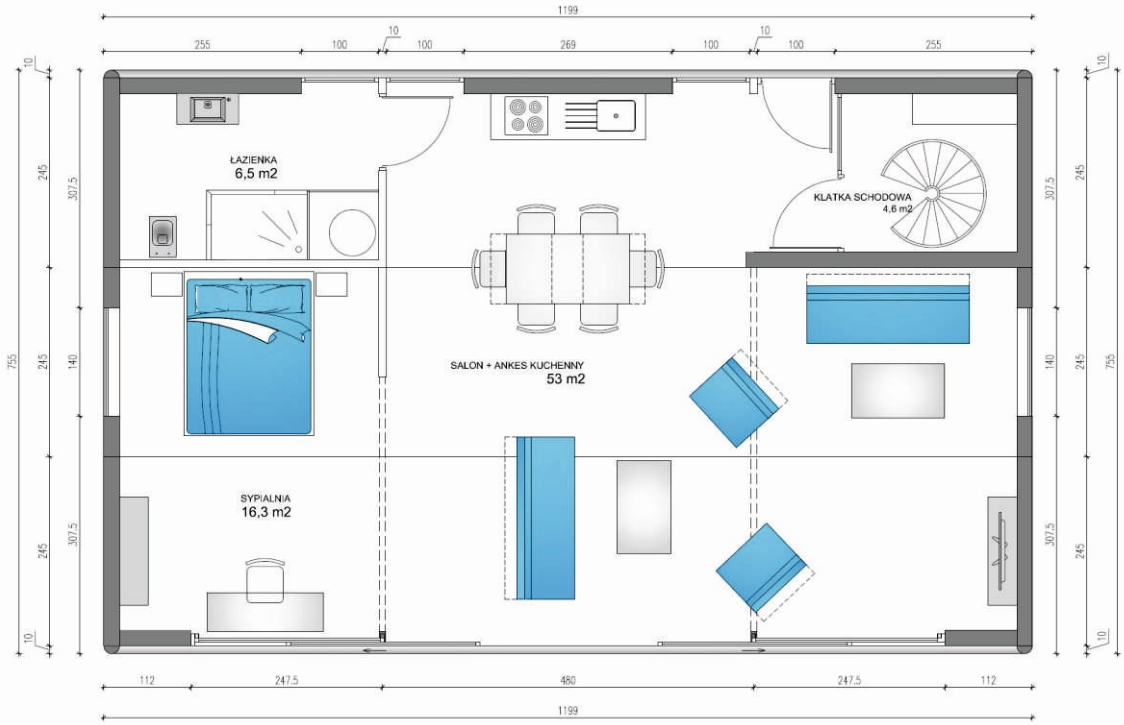


floatinghouses.eu		BRANŻA: ARCHITEKTURA
PROJEKT	floodule prefabricated floating houses	SKALA 1:100
RYSUNEK	Apartament pływający - elewacje	A2
AUTOR	arch. Paweł Dąbrowski	7.12.2016

RZUT DACHU

POWIERZCHNIA TARASU NA DACHU:	**78,4 m2**

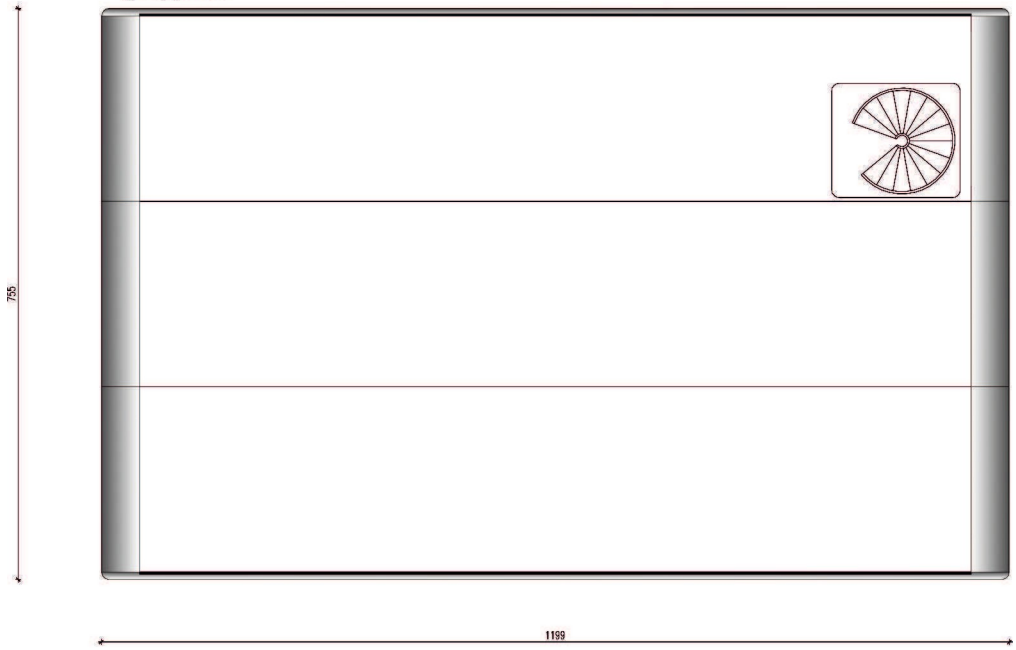
RZUT PARTERU



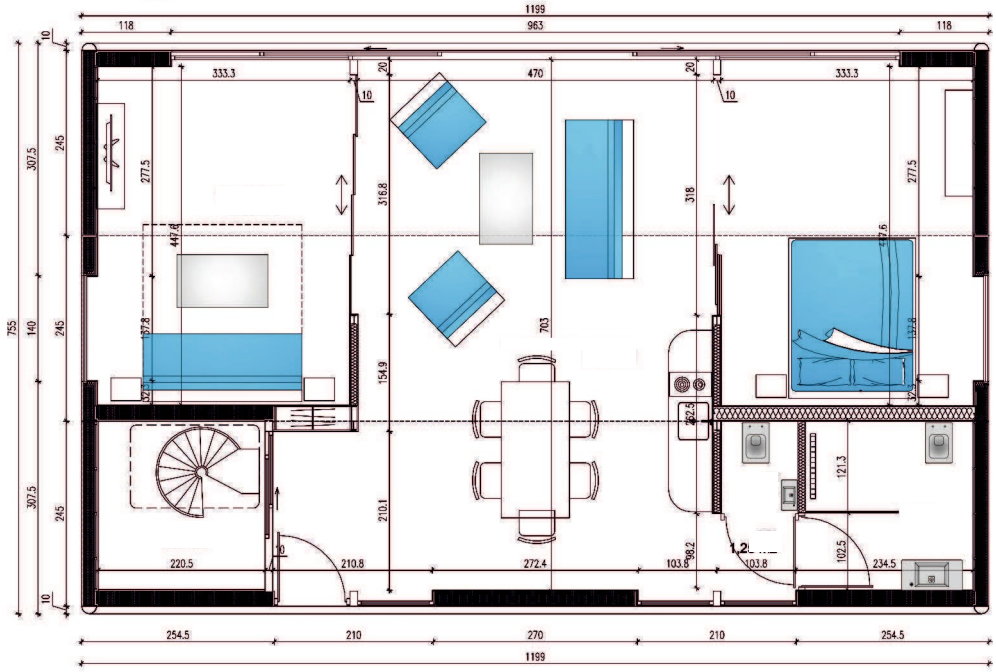
SALON + ANEKS KUCHENNY	53,0 m2
KLATKA SCHODOWA	4,6 m2
SYPIALNIA	16,3 m2
ŁAZIENKA	6,5 m2
POWIERZCHNIA UŻYTKOWA RAZEM:	**80,4 m2**

floatinghouses.eu			BRANŻA: ARCHITEKTURA
PROJEKT	floodule prefabricated floating houses		SKALA 1:100
RYSUNEK	Apartament pływający - rzuty		A1
AUTOR	arch. Paweł Dąbrowski	7.12.2016	

Rooftop terrace



Example of floor plan




Flohotel.pl