



Information about the product

Dimensions	ca. 234 x ca. 318 cm
Safety zone	ca. 534 x ca. 618 cm
Safety zone area	27 m ²
Overall height	155 cm
Free fall height	65 cm
Amount of users	4
Highest element	210 cm
Heaviest element	70 kg
Product complies with EN 1176-1:2017-12	Yes
Availability of spare parts	Yes
Age range	1 -12

According to EN 1176-1:2017-12 norm, the product requires applying a safety surface according to the product's free fall height.



Functions



Play with water



Socializing



Grasping



Logical thinking



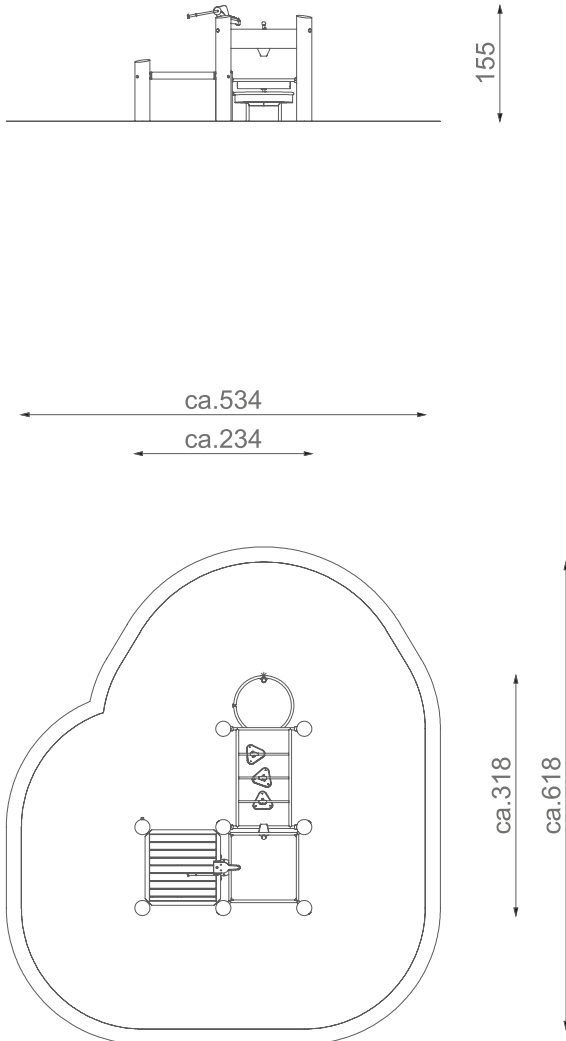
Climbing



Sensory Integration



Creativity



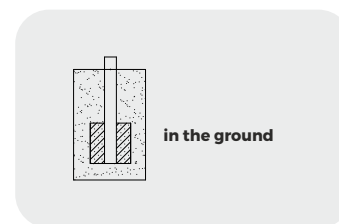
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Due to the height of the free fall of the product, the EN 1176-1:2017-12 norm allows following types of fall- absorbing surfaces:

Material	Description	Minimal layer thickness mm
Top layer of the soil		
Turf		
Bark	Chipped bark of coniferous trees (no wood-based materials), the size of the pieces between 20mm to 80mm	300
Wood chips	Mechanically fragmented wood without bark and leaves, size of the pieces between 5 mm to 30	300
Sand or gravel	Particle size between 0,25 mm to 8 mm	300
Synthetic material	Synthetic material with an approval for free fall heights ≥ 65 cm	

All types of surfaces need to be preserved by adding bulk material and removing extraneous matters. Broken glass is considered to be most hazardous.

Installation method



Warranty



Lifetime

The warranty covers the durability of components made of HDPE (high-density polyethylene), as well as the structural integrity of components made of black steel that has been powder galvanised and powder coated, stainless steel, and components made of hot-dip galvanised steel.



10 years

The Guaranty covers all flaws of the elements made of HPL, HDPE, stainless steel, hot-dip galvanized steel, wooden elements (pine, spruce), revealed during usage, which arise from manufacturing reasons.



5 years

The Guaranty covers all flaws of the elements made of powder coated steel, aluminum, laminate, ropes, elements made in rotomoulding technology, elements made of polyamid, polypropylene elements, revealed during usage, which arise from manufacturing reasons.



2 years

The Guaranty covers all flaws of the elements made of rubber, moving elements (bearings, joints), electronic elements, elements made of EPDM, elements made of plywood and other not mentioned before revealed during usage, which arise from manufacturing reasons.

Product description

Water Factory - Playground Structure

Dimensions:

Equipment dimensions: approx. 317 x 234 cm

Safety zone: approx. 618 x 534 cm

Total height: 155 cm

Free fall height: 65 cm

Materials:

Posts: natural robinia wood, protected against splitting. Beams used have a diameter ranging from 13 to 25 cm. Connected by means of a special 3 cm stainless steel AISI 304 spacer and stainless steel M16 rod to prevent jamming. Robinia contains large quantities of oils, which function as a natural preservative protecting the wood against decay and pests. The wood holds FSC certification, ensuring it has been sourced without harming the biodiversity or structure of forests and originates exclusively from European plantations.

Platforms made from natural robinia wood

Bars and structural elements made from stainless steel AISI 304. Bar diameter 33.7 mm. Connectors made from aluminium alloys. Aluminium is protected against corrosion through chromate treatment and powder coating.

Stainless steel pump designed for connection to the water supply network.

Basin and obstacle tracks: stainless steel AISI 304

The equipment comprises at minimum:

8 x supporting posts

1 x square water tank with drain valve

1 x water table with obstacles

1 x round water table with drain valve

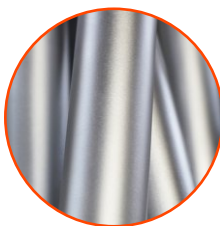
1 x water pump

1 x platform

Materials



Natural robinia wood



Elements made of stainless steel AISI304 totally resistant to various weather conditions.



Elements powder galvanized and covered in powder coating paint.