



FUTURE
FARMING

BASICFARM 1.0

PRODUCT CARD

BASICFARM

BASIC DESCRIPTION



PRODUCT NAME

BASICFARM 1.0
a family aquaponic system



SIZE (incl. tolerance limits)

400 × 200 × 200 (w × d × h)



MATERIAL

plastic, metal



PRODUCT FUNCTION

aquaponic farming system

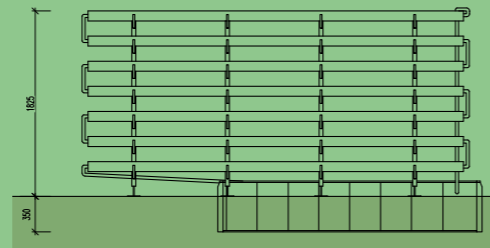
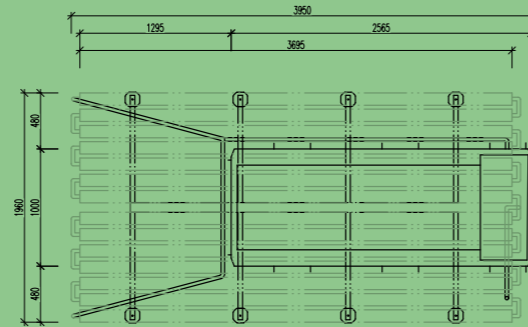


SALES MARKET

worldwide

The BASICFARM domestic aquaponic system is designed for seasonal production from spring to autumn (or year-round production in a temperature-controlled greenhouse) and is ideal for:

- Families and communities
(Gardeners' associations, environmental enthusiasts)
- City households
- Garden centres and hardware stores
- Educational facilities and research institutes
(primary and secondary schools, universities)
- Housing estate developers, investors and others



BASICFARM IS A 100% CZECH-MADE PRODUCT.

BASICFARM is simply a clever solution for food self-sufficiency as well as an opportunity to get involved in a meaningful and rewarding activity.

The BASICFARM vertical plant-growing system is based on a steel load-bearing structure with holders of up to 14 plant growing tunnels. The tunnels feed a solution with nutrients from fish to the plant roots. The water level in the tunnels is controlled by the plant-growing tunnel plug – turning the plug regulates the water level.

The BASICFARM aquaponic system further comprises a water pump, a mechanical and a biological filtration unit, and other components (see below).

BASICFARM

TECHNICAL SPECIFICATION



PRODUCT SURFACE FINISH

paint



MATERIALS USED

polypropylene, iron



COMPONENTS

Plant-growing tunnel – 14 pcs

Load-bearing structure – 4 pcs

Fish tank – 1 pc

Water pump – 45W

Filtration cartridges

Nitrification bacteria

Tank cover net

Plant baskets

Instruction for use

Seedlings, fish and feed not included!



BENEFITS, ASSETS AND KEY FEATURES

- Health benefits
- Environmental benefits
- Taste, aroma, and freshness of aquaponic vegetables, fruit, herbs and fish
- Easy processing and yield even outside the high season
- Plant growing and fish farming experience not necessary
- Big yield from a small space
- Top-quality materials and components and easy installation

BASICFARM

CAPACITY & PRODUCTION




A domestic DIY aquaponic farm only takes 8 m² of space and can be operated anywhere. In a built-up area, on infertile land, in the open air, or in a greenhouse. BASICFARM offers 420 positions for plant growing and a one-cubic-metre fish tank under the tunnels for the most economical use of space. And what's more, the fish are shaded and in a climate pleasant for them. Water evaporation from the plant leaves reduces the ambient temperature on hot summer days.

The farm production capacity is 80 kg of green vegetables a month plus 50 to 75 kg of fish a year. This makes the farm ideal not only for households, but also for smaller communities.



You will see a significant difference if you compare yields and water consumption with conventional agriculture. The BASICFARM aquaponic system consumes ten times less water and grows up to four times more crops, 20 to 30% faster than a standard soil bed of a comparable size. In addition, this system considerably reduces the risk of plant infestation with soil-borne pests, such as snails.



-  up to 95 % saving
-  4 times more
-  30 % faster



CERTIFICATE AND STANDARDS

CE Declaration of Conformity

Produced in:



BASICFARM

APPLICATION/IMPLEMENTATION

Families and communities

(Gardeners' associations, environmental enthusiasts)

City households

Garden centres and hardware stores

Educational facilities and research institutes

(primary and secondary schools, universities)

Housing estate developers, investors and others

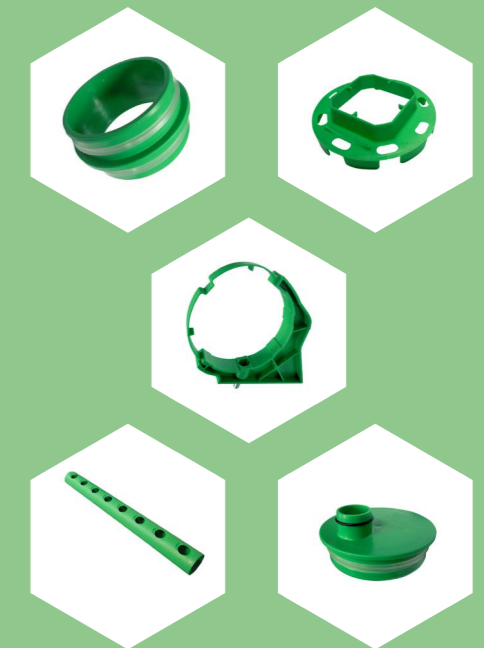


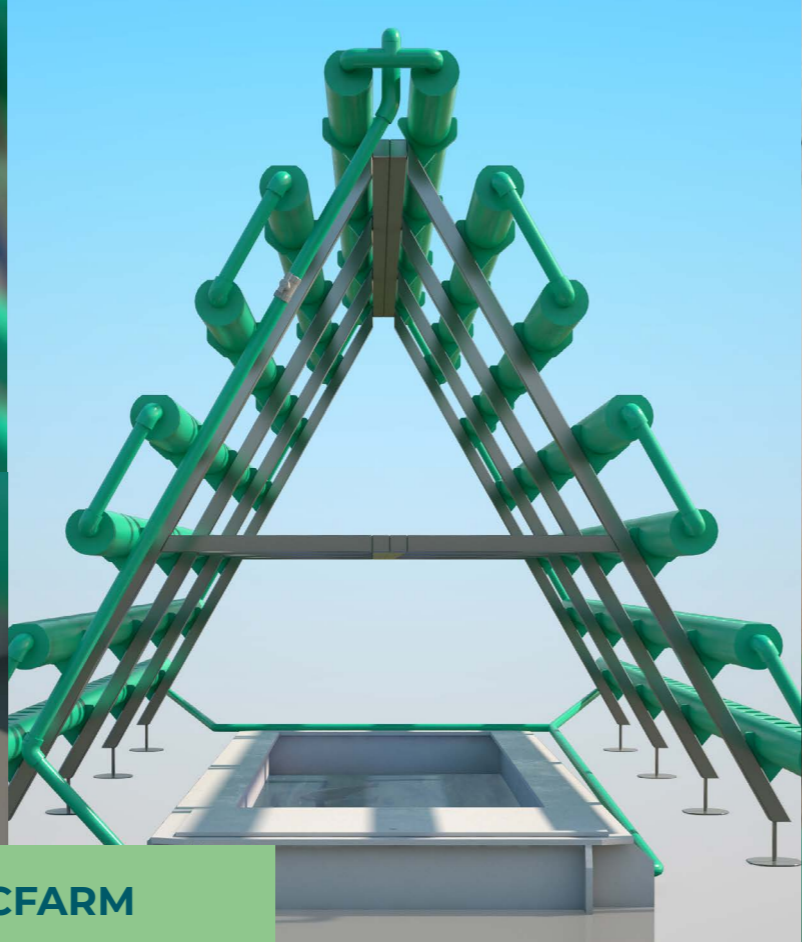
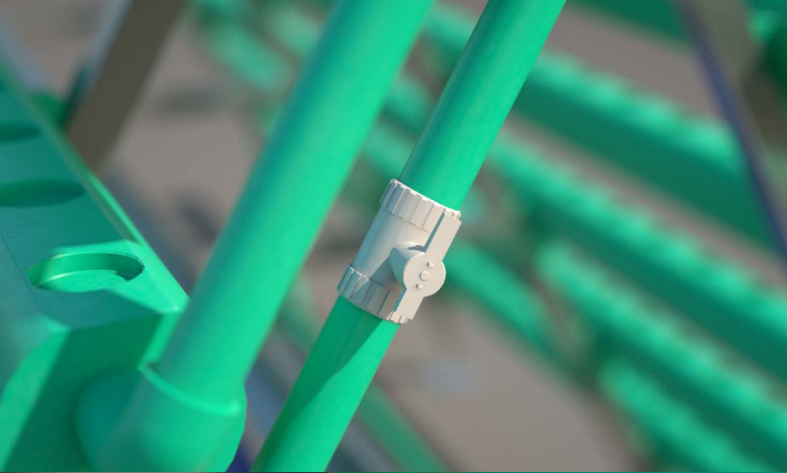
BASICFARM

COMPONENTS

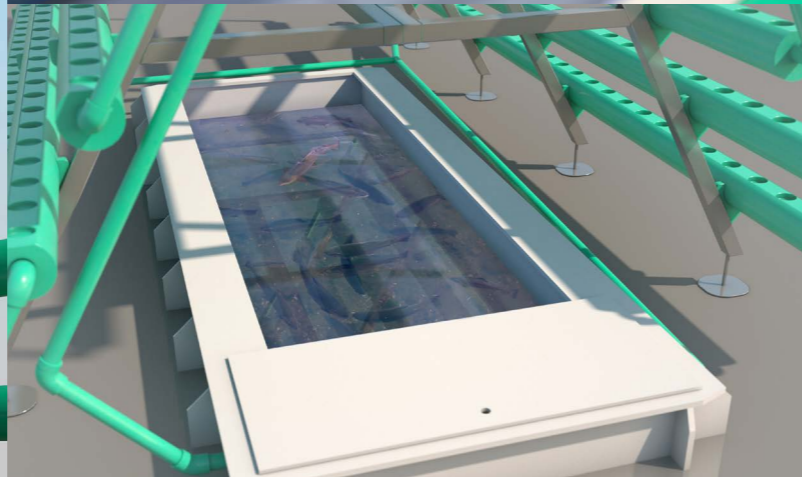
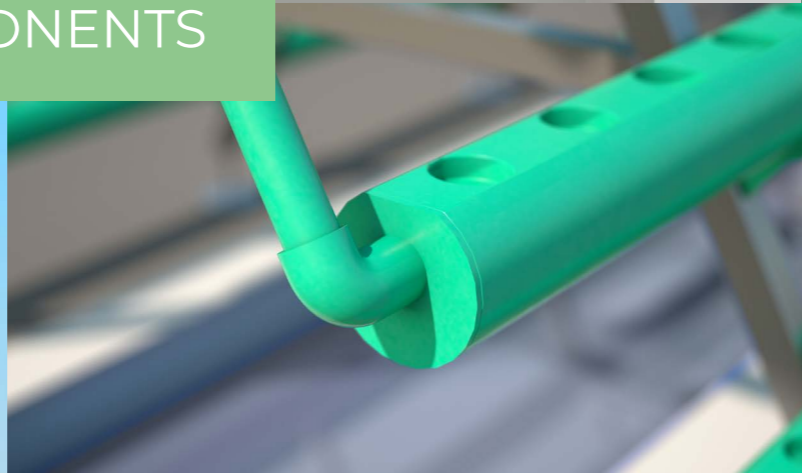
BASICFARM offers unlimited extension and adaptation options thanks to all the available components.

You need not be an experienced professional. Installing BASICFARM is manageable by anybody, including people with zero previous experience. Our user-friendly and intuitive interface will help you install BASICFARM quickly and easily without the slightest complication.





BASICFARM
COMPONENTS



BASICFARM 1.0 LINE VARIABILITY

BASICFARM 1.1
- HYDRO



BASICFARM 1.0



BASICFARM 1.2
- HYDRO



V01

Future Farming s.r.o.
Vítěňská 188/119d
Dolní Heršpice, 619 00 Brno, Czech Republic
client@futurefarming.group
+44 7542 577239
www.futurefarming.group



Member
of the GFF investment group