



Bio independent systems for water treatment

05.21.01

Made up of a FRP monolythic structure, with dividing panels and equipment according to our indications and with regard to the dimension and to the functionality of project.

INCLUDING:

DEGASSING SYSTEM TO
ELIMINATE CO₂
Degasifier Art. 05.18.04

MECHANICAL PRE-
TREATMENT
Swirl separator Art. 05.18.05

MECHANICAL FILTER
Various size media Art.
05.18.02

BIO FILTER
Biofiltration for nitrification

WATER DISTRIBUTION
SYSTEM
Pipes, connections and power
flow valve Art. 05.23.20

STERILIZATION
UV unit with calculated UV
irradiation Art. 05.23.20

ELECTRICAL PANEL
CONTROL
Monitoring sensor and
equipment options



OPTIONS

- REFRIGERATION AND HEATING SYSTEM

1° POWER: max rearing temperature 14° C (in 30° C air temperature)

2° POWER: max rearing temperature 20° C (in 30° C air temperature)

- CONTROL SYSTEM

Aquaculture industry oxygen monitoring system with submerged sensor





Plants for digeribility trials 05.21.02

MADE UP OF:

GROUP OF N. 3 RECTANGULAR BASE TANKS WITH CONICAL BOTTOM Lt. 65 DIM. MM. A=400 B=550 H=260 S=40 I=20
common sludge drain with sedimentation PVC unit for fecal probes collector

FRP WORK BENCH DIM. MM. A=600 B=1.600 H=850 I=80

SECTION OF WATER CHARGE SYSTEM with valve 1" Art. 05.23.03

WATER DISCHARGE SYSTEM and AIR DISTRIBUTION SYSTEM with air stone Art. 05.23.11.



Turn-key research systems 05.21.10

The realization of a.m. systems is exclusively in compliance with customers' requests, bases on total water flow level and available space.

THE SUPPLY PROVIDES:

- DRAWING UP OF PROJECT

- BIO-INDIPENDENT SYSTEM FOR WATER TREATMENT ART. 05.21.01
Calculated for high water flow in rearing tanks and biofilters with small turn-over time to compensate high level of fish catabolits (nitrous components and solids)

- GROUP OF SPECIFIC TANKS including of wells, grids and all equipment suitable for functioning

- WATER DISTRIBUTION SYSTEM including pumps and power valves

- AIR DISTRIBUTION SYSTEM
High pressure blower devices for aeration and oxygenation in rearings tanks

- WORKBOOK AND MAINTENANCE
Simple instruction about systems design and maintenance

