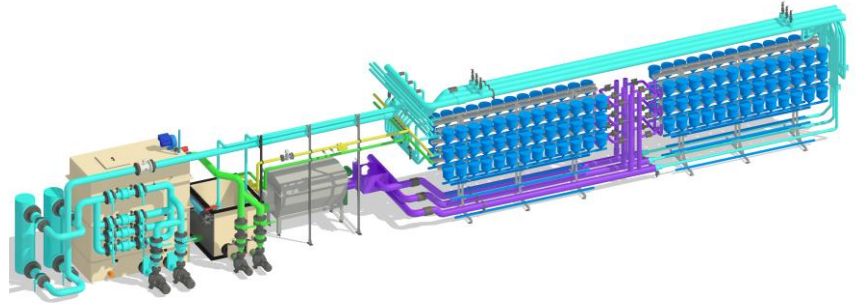




NAC – Incubation CONCEPT

RAS/flow-through setup followed by mechanical filtration, biological filtration, oxygenation, UV treatment, and main circulation pumps. Scalable and adjustable.



Supports system follows:

- 1) Cooling system.
- 2) pH regulation system.
- 3) Oxygenating injection and control system.
- 4) Emergency oxygen system.
- 5) Mechanical filtration
- 6) UV treatment

Description

The technology has been successfully implemented for the optimization of conditions during incubation. The eggs are received and incubated through the best water quality until they are transferred to the hatchery department. The system operates with a range of temperature of 2-8 °C at 0‰ of salinity. It can be designed for fully RAS, fully flow-through or combined.

This system increases the capacity of eggs backstock for production purposes.

Mechanical filtration and oxygenation are achieved through our latest RAS module technology.

Specifications case

Parameter	Incubation
Temperature (°C)	2-8
Salinity (‰)	0
Number of incubator (pc.)	156
Incubator Volume (L)	5
Total Incubator Volume (m3)	0,78
Water flow per Incubator (m3/h)	6
Total water flow (m3/h)	0,94
Water exchange in Incubator (times/h)	1,2
Retention time in Incubator (min.)	50
Daily water exchange (m3/day)	19,5