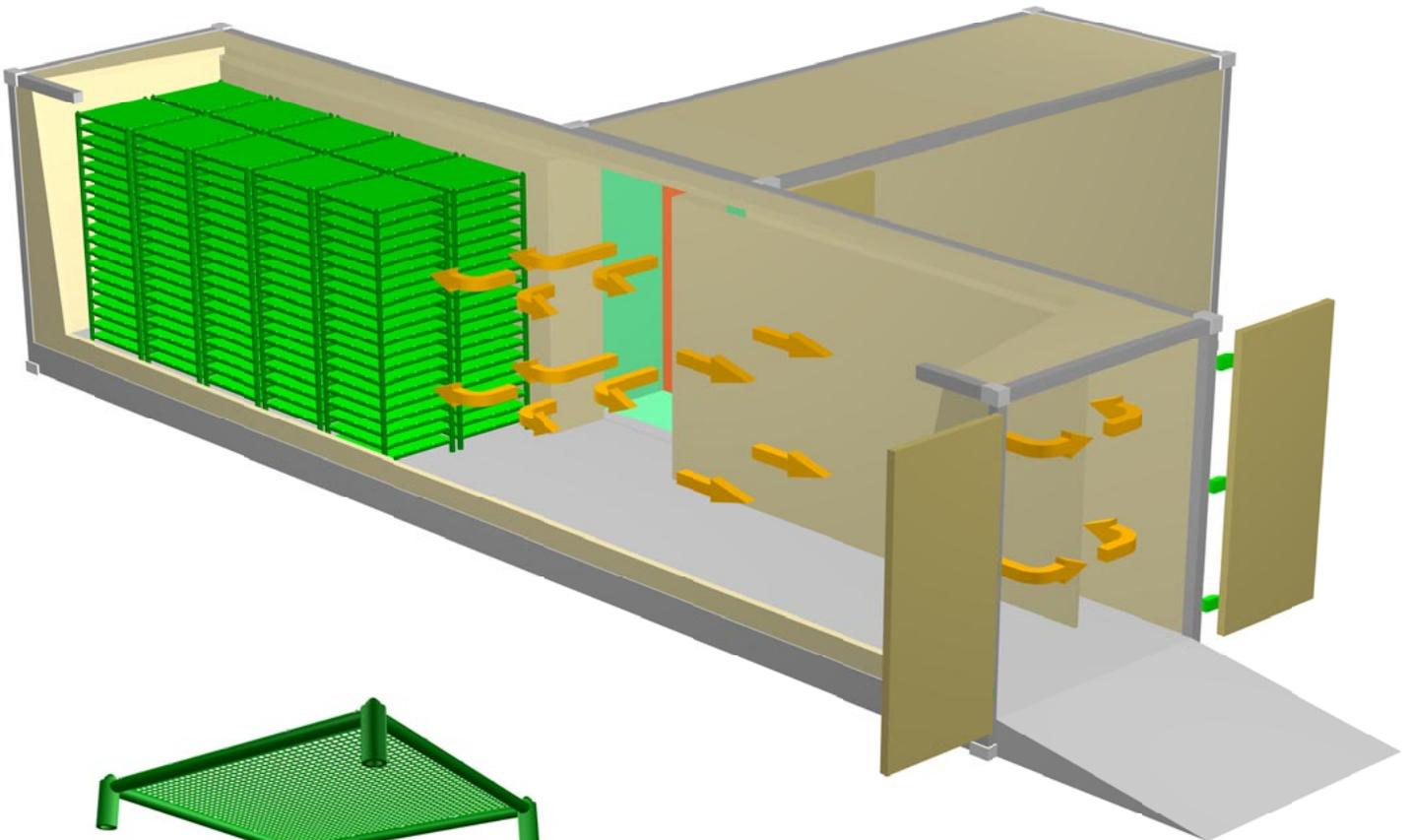


**NEW
UNIQUE**

Fish Head Dryer

'Containerised' and Movable



The Frame, and ...



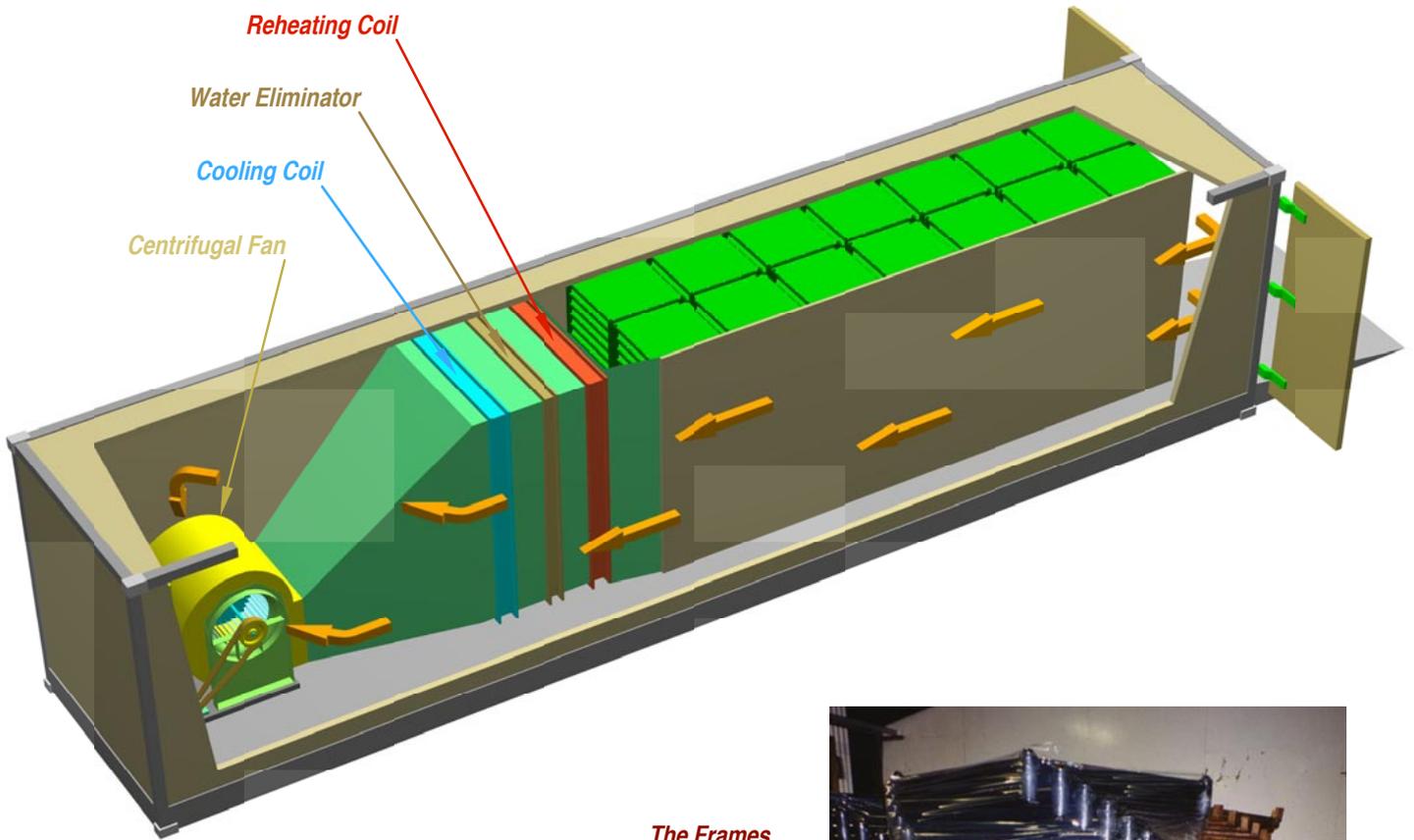
... the Processing

The Fish Head Dryer

The dryer (picture above) is self-contained and 'containerised'. The Drying Chamber is housed in an insulated 40 foot hi-cube ISO container, with 'jackets' for the return air along one side. It accommodates 400 frames of $L \times W = 0,8 \times 0,8 = 0,64$ sqm, thus providing an area of about 256 sqm. The Air Handling Section (back page) is packaged and installed in a 20 foot ISO container (also hi-cube and insulated) placed perpendicular to the drying chamber in the center of one of its sides. Arrows indicate the direction of air flow.

The 'air handling' takes place in a closed circuit. Hot and humid return air is cooled and de-humidified to the desired temperature and humidity in the cooling coil (blue) and heated again to the desired temperature in the reheating coil (red). Between the coils is the water eliminator (brown), preventing droplets condensing on the cooling coil to be carried into the air stream. Temperature and humidity are controlled to ensure best product quality and shortest drying time.

In Iceland, the cooling can be achieved through cold (ground) water and the heating through geothermal. In other countries cooling and heating sources will have to be determined on a case to case basis.



*The Frames
(wooden frames behind)*

The Air Handling Unit is built up from the Centrifugal Fan (DIDW, yellow), a finned Cooling Coil (blue), a Water Eliminator (brown) and a finned Reheating Coil (red). The four components are joined with Air Ducts (green) and form an equipment package.

The air handling takes place in a closed circuit and no odour-contaminated air escapes into the atmosphere. It is governed by fully automatic electronic controls located in the Electric Switch Board (light green, picture front page).

'Conditioned' air leaves the re-heating coil and passes through the goods. It returns through the passage along the wall of the container, back to the centrifugal fan.



***Look after your Environment,
others are sharing it with you!***



INGVAR NIELSSON

Ingvar Nielsson

Glosalir 7, Suite 704

IS-201 Kopavogur - ICELAND

Voice: 00354 5622524 & 8961892

Fax: 00354 5621592

eMail: ingvar@ingvar.is

The Web: <http://www.ingvar.is>