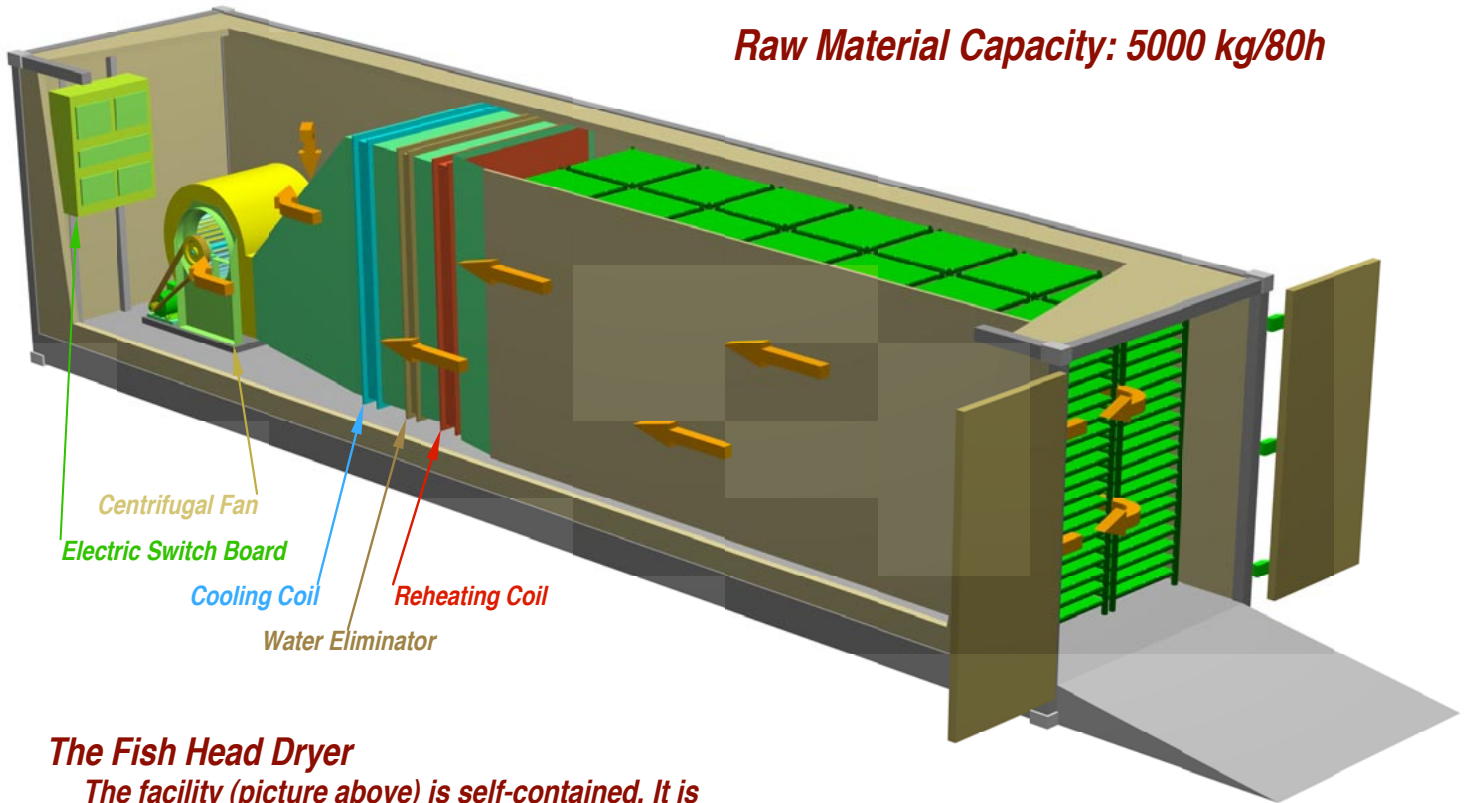


**NEW
UNIQUE**

FHD-5000-CC

**Closed Circuit Fish Head Dryer
'Containerised' - Movable**

Raw Material Capacity: 5000 kg/80h



The Fish Head Dryer

The facility (picture above) is self-contained. It is installed in a standard 40 foot hi-cube insulated ISO container. It accommodates 280 frames of the overall dimensions $L \times W = 0,8 \times 0,8 = 0,64$ sqm, providing an effective loading area of about 167 sqm.

The Air Handling Unit is packaged and placed in the rear end of the container (pictures). The drying takes place in a closed circuit with a passage way, for the recirculated air to return, partitioned off on one side of the container. Hot and humid air returns to the fan and is cooled and de-humidified (cooling coil, blue)—then reheated (heating coil, red)—to the desired condition before entering the goods again. Arrows show the direction of air flow.

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 carefully controlled to ensure the best quality of the product and shortest drying time.

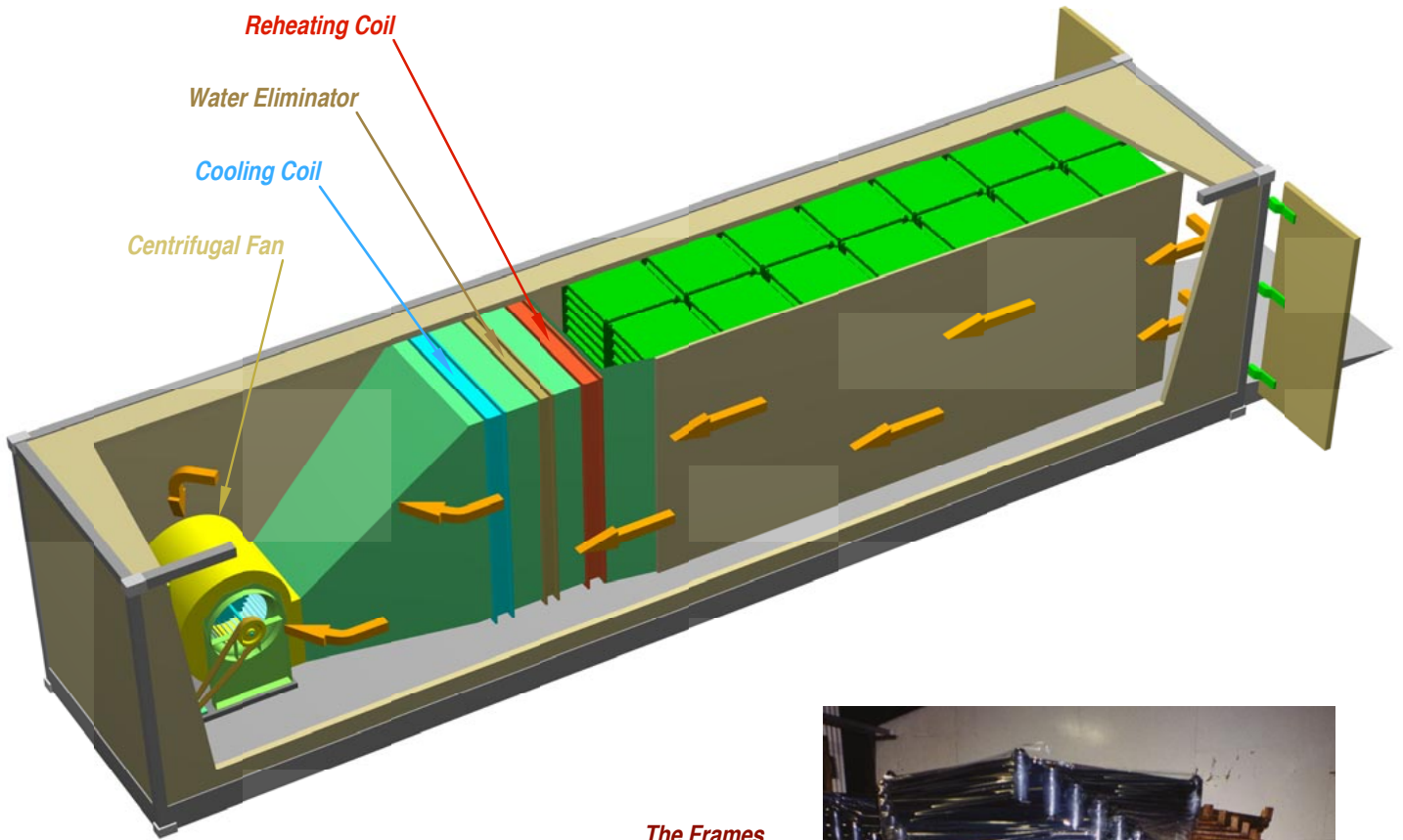
In Iceland, the cooling can be achieved through cold (ground) water and the heating through geothermal. In other countries, cooling and heating sources will have to be determined on a case to case basis.



The Processing, and ...



... the Frame.



*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!***



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