



Pas Reform Egg room cooler

For reliable climate conditions in storage rooms



Pas Reform
Hatchery Technologies



Egg room cooler

Benefits

To maintain reliable climate conditions in egg storage rooms, this dual discharge air cooler delivers a highly efficient coil block, low air velocity and low noise levels. State-of-the-art dual fan speed EC motors and enclosed design, spray-tight fan motors are enclosed in a durable aluminium, epoxy coated casing, fitted with a hinged drip tray construction. Compact size and low profile for efficient use of cold room space. Heavy duty coil and casing materials, for a long operational product life.

How it works

- Cooling is achieved by evaporation in a refrigerant
- Gaseous refrigerant is compressed to increase its pressure and temperature, cooled to saturation temperature, condensed to liquid at constant pressure and temperature and finally sub cooled at a constant pressure
- The liquid refrigerant expands in the expansion valve, causing a considerable drop in temperature and pressure and evaporates in the evaporator
- Low temperature and pressure remain practically constant during this part of the cycle. The heat required for evaporation is extracted from the medium to be cooled.

Related products

- ▶ Setter trolley
- ▶ Farm trolley
- ▶ Spray humidifier
- ▶ Temperature sensor
- ▶ Humidity sensor



Technical Specifications

Capacity	>7,200 m ³ /h air recirculation
Number of fans	> 5 fans, 13m throw
Cooling power	> 9 kW with cooling medium temperature 6 °C in, 12 °C out
Heating power	> 5 kW optional, with integrated system (change over) on boiler system (80/60 C)
Material	> Epoxy coated aluminium
Dimensions (LxWxH)	> 2300 x 1200 x 1170 mm
Weight	> 268 kg



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