



# Pas Reform Egg room cooler

For reliable climate conditions in storage rooms



**Royal Pas Reform**  
Integrated Hatchery Solutions



# 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

	HU-400-H	HU-600-H
Cooling capacity	> 5 kW	> 9 kW
Heating capacity	> 3 kW	> 3 kW
Installed power	> 3.5 kW	> 4 kW
Refrigerant	> R407C	> R407C
Material	> Epoxy coated aluminium	> Epoxy coated aluminium
Dimensions (LxWxH)	> 2300 x 1200 x 1000 mm	> 2300 x 1200 x 1000 mm
Weight	> 125 kg	> 150 kg



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