



Cooling Batteries / Free Coolers

The DCG-Series cooling batteries (Free coolers) are units for closed cooling systems with a minimum usage of water and electrical energy. In optimal conditions the energy saving can be up to 70% compared with traditional chiller systems.

The DCG-Series is especially suitable for industrial plastics-, rubber-, die casting-, food- and other applications.

Highlights

- High efficient copper tube / aluminium finned heat exchanger
- Removable and cleanable aluminium filter
- Fan speed controller
- Automatic discharge by gravity
- External pump

Main characteristics

Cooling Capacity (ΔT 10°C)	160...900 kW / 137'000...775'000 Kcal/h
Cooling Capacity (ΔT 5°C)	80...450 kW / 68'000...387'000 Kcal/h
COP	up to 30 kW/kW
Pump Capacity	260...1550 l/min / 1.2...1.8 bar
Ambient temperature	max. 45°C



Key features

- Heat transfer fluid: Water (without glycol)
- Modular design
- Automatic water refilling system
- Microprocessor controller
- Outdoor protection class (IP55)
- "Low noise" fans (Option)
- Series of nebulizing nozzles fitted with anti-scaling magnetic device – Enthalpy kit (Option)

