



Cooling Batteries / Free Coolers

The DCW-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 DCW-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
- Internal expansion tank
- Internal pump

Main characteristics

Cooling Capacity (ΔT 10°C)	45...1400 kW / 37'900...1'204'000 Kcal/h
Cooling Capacity (ΔT 5°C)	22...700 kW / 19'000...602'000 Kcal/h
COP	up to 30 kW/kW
Pump Capacity	70...2400 l/min / 3.3...4.0 bar
Ambient temperature	max. 45 °C



Key features

- Heat transfer fluid: Water/Glycol mixture
- 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)



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