

ColdStream

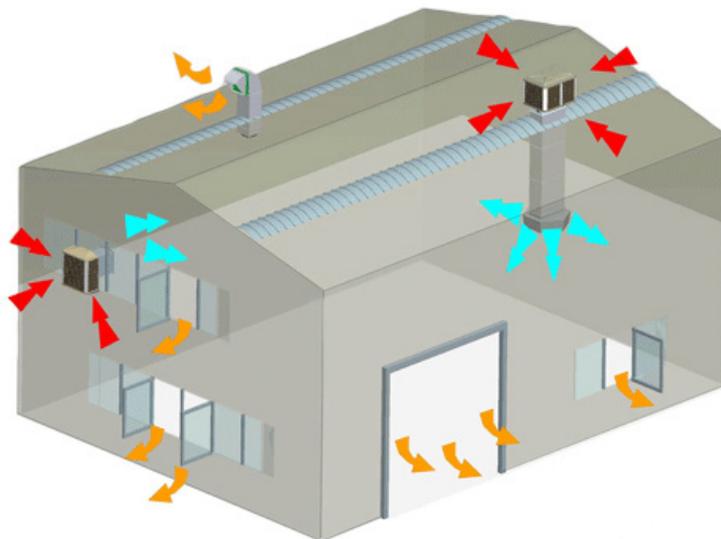
Mark adiabatic cooling



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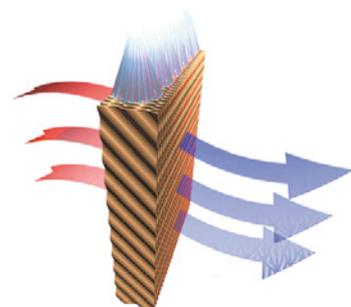
The Mark ColdStream

The Mark ColdStream adiabatic cooling is based on the evaporation of water. The required heat is taken from the outside air. The principle is based on the ventilated cooling with very low operational costs for a favorable price. The system is particularly suitable for cooling and ventilation of large industrial areas. The technique is reliable, safe, easy and virtually maintenance free. Another big advantage is that there is no annual inspection required. The simple technique is cheap in terms of system maintenance. In addition, the system is legionella proof.



OPERATION OF THE MARK COLDSTREAM

The fresh outside air flows through the water-wetted cellulose filters. Due to the evaporation of the water, the air temperature is reduced in a natural and environmental-friendly manner.

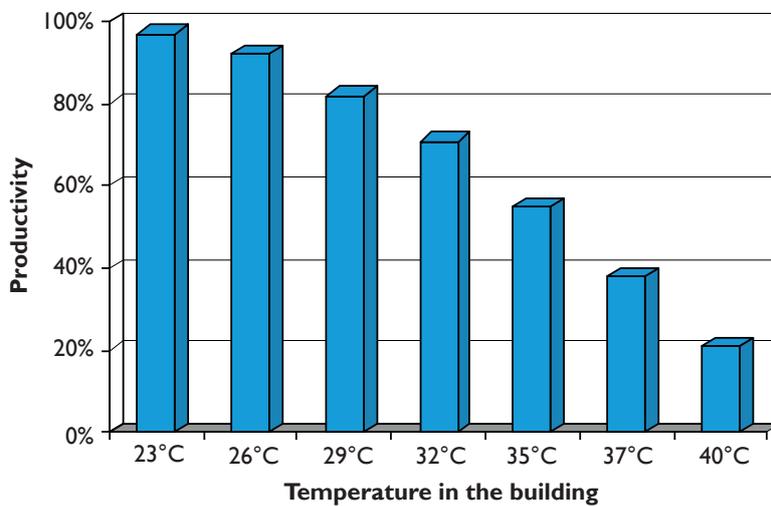




THE EFFECTIVENESS OF THE MARK COLDSTREAM

Relative air humidity	30% T. outlet	40% T. outlet	50% T. outlet	60% T. outlet	70% T. outlet
Outside temperature 30 °C	19,0 °C	21,0 °C	23,0 °C	24,5 °C	26,0 °C
Outside temperature 40 °C	22,5 °C	25,0 °C	27,5 °C	29,5 °C	31,0 °C
Outside temperature 50 °C	26,0 °C	29,0 °C	31,5 °C	33,5 °C	36,5 °C

MARK COLDSTREAM ENSURES OPTIMAL PRODUCTIVITY



THE ADVANTAGES OF THE MARK COLDSTREAM

- High ventilation rate
- Ventilation and / or cooling in one system
- Low operating costs
- Favourable purchase price
- Cheap maintenance
- Environmentally friendly
- Increased productivity
- Durable

THE APPLICATIONS OF THE MARK COLDSTREAM

- Workshops
- Garages
- Welding and fabrication halls
- Foundries
- Sports halls
- Bakeries
- Exhibition Halls
- Event halls

SPECIFICATIONS

Type	Implementation	Cooling capacity (kW)	Airflow (m3/h)	Nominal power (W)	Voltage (V/Hz)	Size (mm)	Weight (kg)
TA209	roof	30	20.000	1.800	230/50	1650x1150x1050	146
TC209*	roof	30	20.000	3.200	400/50	1650x1150x1050	186

* Unit with centrifugal fan.
Specials on demand.



STANDARD EQUIPMENT

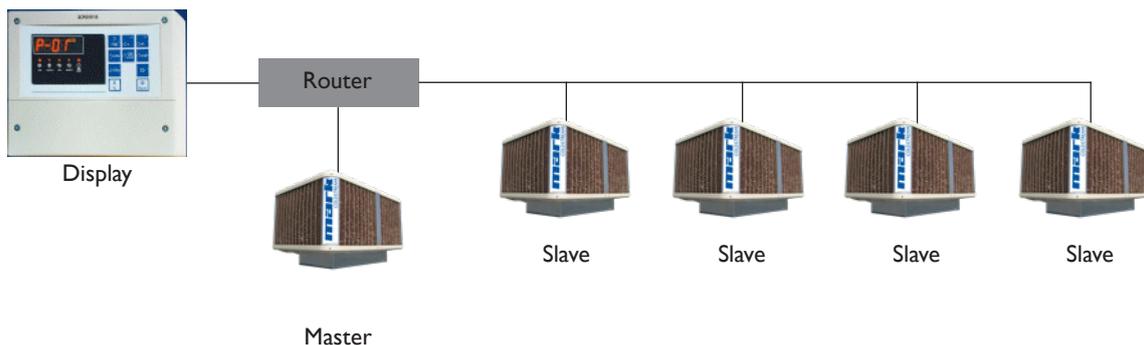
- Electronic remote control with the following functions:
 - Temperature
 - Speed control
 - Relative humidity control
 - Daily and weekly programming
- Economical fan
- Electrical shut-off valve on the water connection
- Water distribution system with an electric pump
- High efficiency cellulose filter pack
- Automatic water change
- Automatic water drainage
- Automatic cleaning

MARK COLDSTREAM AIR BLOWING PLENUMS



CABS-SYSTEM

With the CABS system 5 ColdStream units can be controlled with 1 Electronic Remote. Mark ColdStream CABS-System is available on request.





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