

Express Cool

Evaporative Cooling Systems

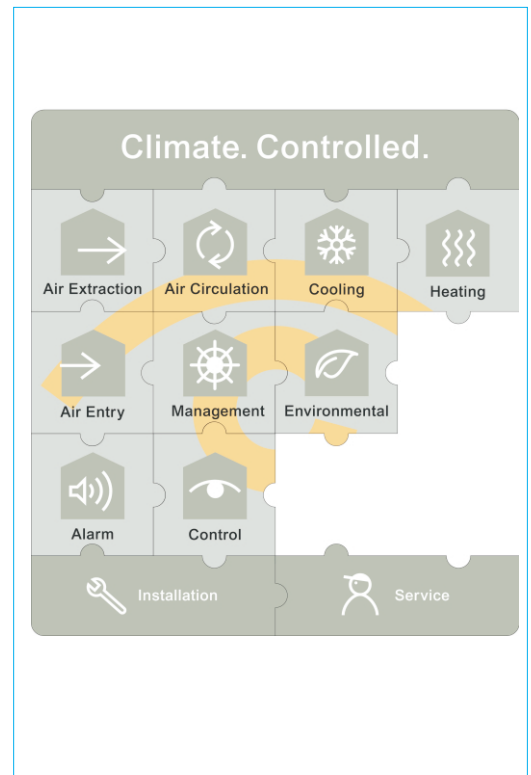


The CP system utilizes the natural cooling effect of evaporation to efficiently cool the air entering your buildings. Combined with the windchill effect of tunnel ventilation, these systems improve production from the mildest to the hottest weather. Modular pad assembly holds and wets a choice of pad materials for the ultimate in efficient and effective cooling.

PRODUCT INFORMATION

Express Cool CP System

- Excellent durability - extruded uv-stabilized PVC
- Corrosion resistant
- Spray deflector ensures uniform pad wetting
- Water Distribution can be seen without undoing the header
- Removable pad retainer for easy cleaning, open view header option available
- Cooling pads easily lift out
- Extruded uv-stabilized PVC drip collectors
- End-mounted drain allows customizing of tank and location
- Custom designed drip collectors for maximum water capacity and easy installation
- Simple to install drain fittings
- UV-resistant PVC reservoir
- Heavy duty extruded uv-stabilized PVC wall mounting brackets
- Sumpless design available





Munters CELdek® available with MI-T-edg coating

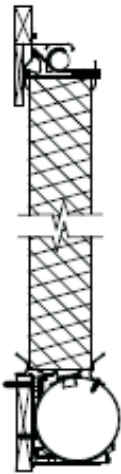
CELdek® evaporative cooling pad is engineered to provide maximum cooling, low pressure drop and years of reliable service. Made from specifically engineered cellulose paper that is chemically treated to resist deterioration. The cross fluted, unequal angle pad design promotes the highly turbulent mixing of air and water for optimum cooling.



Sumless Design

Installation Options:

Pad Height	Wall Length (m)						
	9	12	15	18	21	24	27
1.2	x	x	x	x	x	x	x
1.5		x	x	x	x	x	x
1.8		x	x	x	x	x	x



Cross Section

Technical Specifications:

- Extruded headers are lightweight and resist corrosion
- Spray deflector and large pipe with precision drilled holes ensure even pad wetting.
- Stainless Steel bolt with wing nut permits easy removal of pad.
- Cooling pads simply lift out for easy inspection and periodic cleaning
- CP system has L shaped mounting flanges that simplify installation
- CP systems have specially engineered drip collector giving superior support to cooling pad.
- Sturdy, corrosion resistant extruded aluminum wall mounting brackets

Maintenance

Scale. Mineral deposits can be minimized by maintaining a continuous water bleed-off or by periodically dumping the sump. The methods and / or quantity of bleed-off may vary depending on the pH and hardness of the supply water. Munters can assist you by recommending individual bleed-off rates.

NOTE: Fractional timers should not be used. These timers do not enhance the performance of a cooling pad and actually contribute to the development of scale which will reduce airflow.

Algae. If algae is allowed to grow freely on a CELdek® pad it may eventually clog the flutes and inhibit the flow of air. This increases the static pressure and reduces the efficiency of the pad. Algae growth can be controlled by early implementation of simple maintenance techniques. Never use chlorine or bromine on CELdek® pads.

Refer to the Service and Maintenance Manual for information to help maximize the efficiency and life of CELdek® evaporative pads.