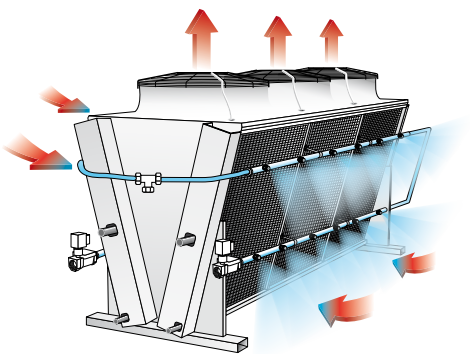


chillBooster: evaporative cooling

Evaporative cooler that works by atomizing water into very fine droplets. The droplets evaporate spontaneously, removing heat from the air, which is thus humidified and cooled. The unit uses a paddle pump to pressurize the water, which is then atomized through special spray nozzles.



fast connections



atomizing nozzles

- Energy saving on chillers and drycoolers through evaporative cooling.
- chillBooster has an extra gear to handle peak demand on the hottest days of the year.

chillBooster is an evaporative cooler that **increases the efficiency of chillers and drycoolers**; it cools the air before this flows through the coil, thus **saving on some of the power** consumed by the compressor.

chillBooster atomizes water into very fine droplets that evaporate spontaneously, cooling the air. The coil is thus cooled by a flow of colder air and droplets of water, allowing more favourable operating conditions.

This allows liquid coolers and condensers to deliver their rated capacity even during the hotter periods of the year, which often coincide with operation at maximum load. All without costly system oversizing.



Very low energy consumption

ChillBooster has extremely low power consumption: a system for drycoolers with an air flow-rate of 117,700 cfm (200,000 m³/h) atomizes 264 gal/h (1000 l/h), with power consumption less than 0.7 kW!



Ideal for retrofits

The IP55 pumping unit and easy-to-install modular system ChillBooster ideal for retrofits on chillers, drycoolers and liquid coolers.



Easy to install

The water distribution system uses spray pipes available in various lengths, quick couplings and flexible connection pipes, making ChillBooster easy to install, without requiring special tools or welding equipment.