



EVAPORATIVE COOLING

An efficient & cost-effective solution for your chiller plant system



Evaporative cooling is a technology-driven solution to cool the ambient air surrounding the chiller condenser. This significantly reduces the overall temperature of the air, resulting in less power required by the compressor to achieve optimal cooling effectiveness, improving overall chiller performance.



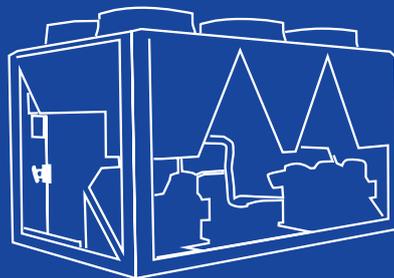
Key Benefits



Improved energy efficiency

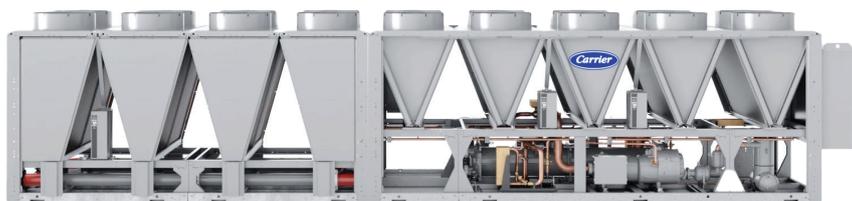


Lowered carbon emissions



Cost savings

Aimed at improving air-cooled chillers and dry-coolers, Evaporative Cooling leverages a high-pressure pump and a special nozzle to enable a quick evaporative process in the surrounding air, thereby reducing heat transfer. With a controlled system in place, this flexible system can be switched on/off, to adapt to the surrounding weather and requirements of the chiller.



Equipments that can benefit from this solution include:

- **Screw air-cooled chillers:** 30XA/XB, 30KAV ; PowerCIAT LX, PowerCIAT^{Inverter} LXV.
- **Scroll air-cooled chillers:** 30RB, 30RBM/RBP ; AquaCIAT LD, AquaCIAT^{Power} LD.
- **Dry-coolers:** 09VE, 09PE ; VEXTRA, OPERA.



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