



Evaporative cooling

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



Evaporative cooling is a technology-driven solution that cools the ambient air around the chiller condenser.

This significantly reduces the overall temperature of the air, resulting in less power being required from the compressor to achieve optimum cooling efficiency, thus improving overall chiller performance.



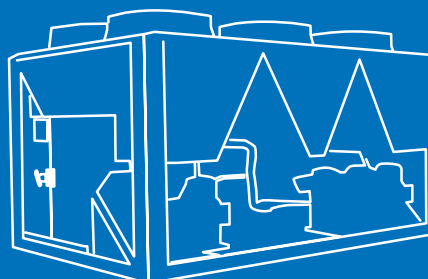
Keys Benefits



IMPROVED
ENERGY
EFFICIENCY

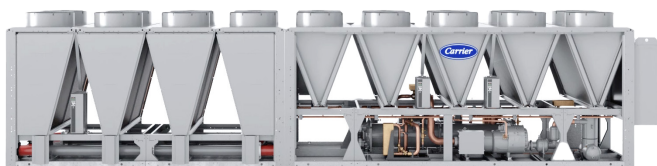


LOWERED
CARBON
EMISSIONS



COST
SAVINGS

Designed to improve air-cooled chillers and dry-coolers, Evaporative Cooling uses a high-pressure pump and a special nozzle to create a rapid evaporation process in the ambient air, reducing heat transfer.



With a controlled system in place, this flexible system can be switched on and off, to adapt to the ambient weather and chiller's requirements.

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.

Contact your local representative or visit [carrier.com](https://www.carrier.com)

Evaporative cooling. ©2024 Carrier. All Rights Reserved.
All trademarks and service marks referred herein are property of their respective owners.
Carrier reserves the right to change certain information and specifications contained in this document at any time and without prior notice.
Since standards specifications and designs are subject to occasional change, please ask for confirmation of the information given in this publication.

