



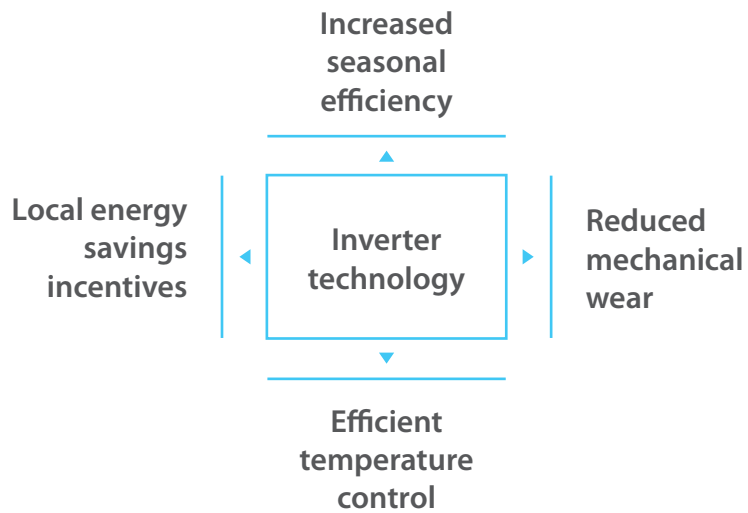
Chiller Efficiency Upgrade

Inverter retrofit



Inverter retrofit,

the solution for adapting your chiller to the load demand...



Many fixed speed chillers on the market don't operate under optimum conditions because the compressor is constantly running at full speed. However, you can prevent this by installing an inverter to your chiller. With Daikin's inverter retrofit kit, your chiller's compressor speed can easily be adapted to your load demand. This delivers energy savings, increased comfort and reliability, so you can enjoy the benefits of inverter technology, even if it is added after your chiller has been installed.





Why should an inverter retrofit be your next investment?



Benefit from significant energy savings ...

Generally, a building's heating or cooling system is based on its peak load. However, this load level is not often reached, which means wasted energy. With Daikin's inverter retrofit solution, the chiller adapts to the seasonal heating and cooling load. So it always operates under optimum conditions, delivering energy savings of up to 20%. Moreover, such savings help you to offset your initial investment quickly.

Extended chiller lifetime

The inverter ensures that the compressor starts and stops smoothly. In addition, reducing mechanical and electrical stress on the equipment maximizes the chiller's operational lifetime.



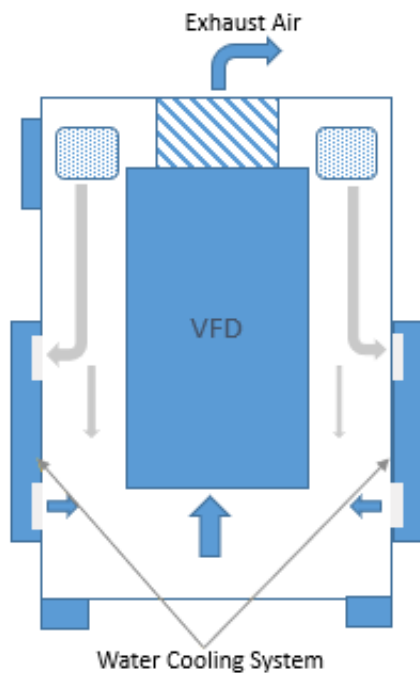
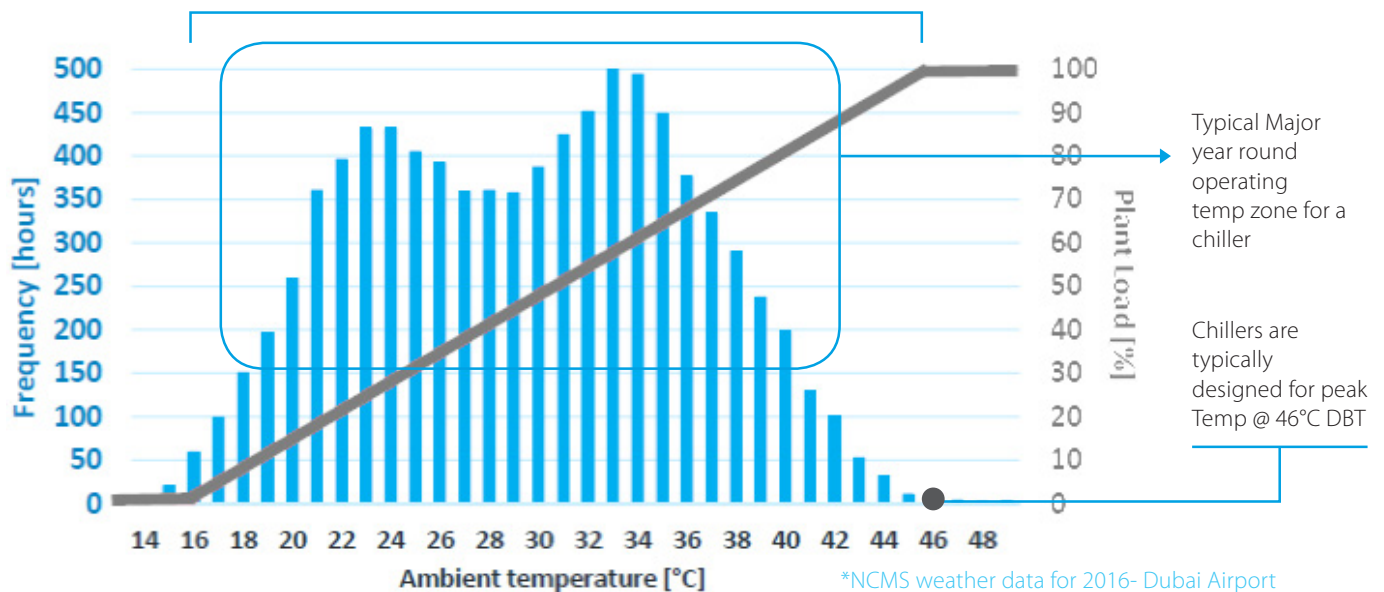
...and improve comfort and reliability

Efficient temperature control

By continuously adapting the compressor speed to your needs, deviations from your requested temperature are minimized. Furthermore, the temperature is reached faster.

Why run compressor at 100% speed full year?

Actual Operating Range
Ideal for Inverter

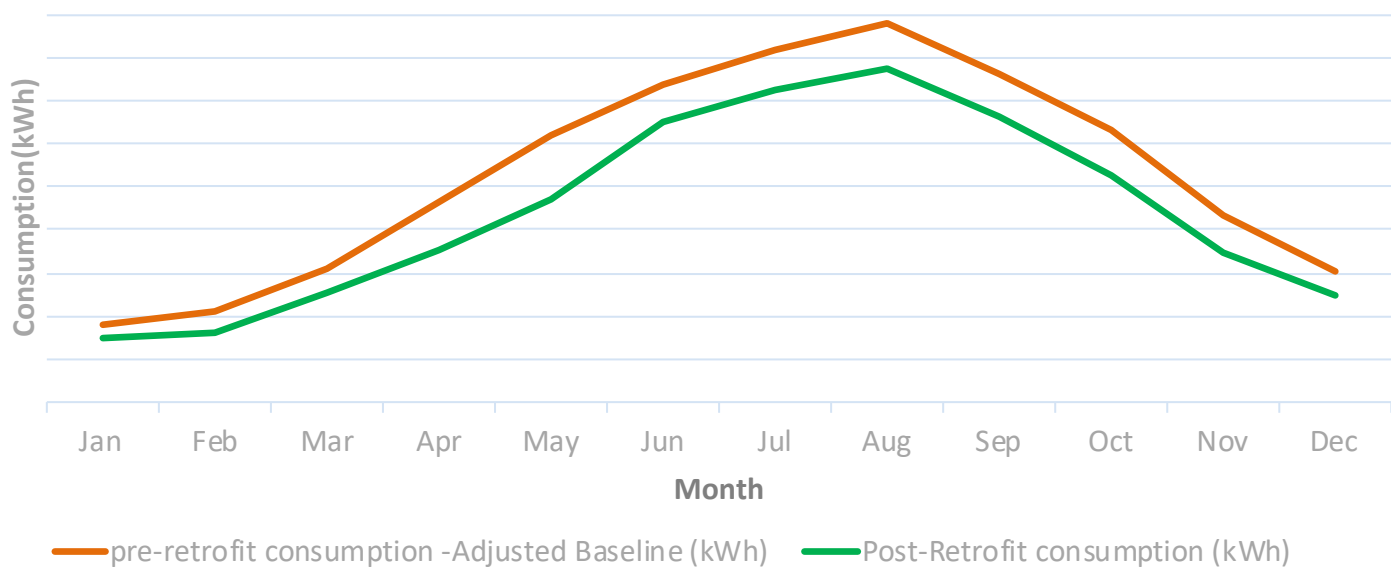


> Water Cooled Jacket for VFD Panel.. Reliable operation at high ambient conditions



Case Study

A case study in UAE showed 16% annual savings with Inverter Retrofit Kit implemented on 2 air cooled chillers in a chilled water plant. Tested and Proved. Reliable Solution for High Ambient Conditions.



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