

#chillerCHECK



We #chillerCHECK any make of process cooling system not just our own

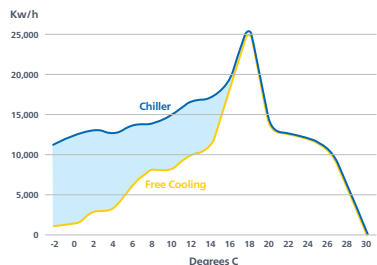


Our #chillerCHECK will help identify common problems with your process cooling system



#chillerCHECK is a complimentary visual inspection of your system resulting in recommendations for any further actions

Energy Consumption of Chillers



This graph shows the difference between the energy consumption of a free-cooling chiller versus a non-free-cooling variant. When the chiller is operating in free-cooling mode, only the speed-regulated fans are consuming energy.

The compressors – the main energy consumers for a chiller – are either off or working in a partial load mode. The graph's blue zone shows the direct benefit from using the free-cooling principle.

Comparison of free cooling vs non free-cooling chiller

| Annual Energy Consumption (MWh) | London | Paris | Madrid |
|---------------------------------|------------|------------|------------|
| Chiller only (CO) | 388 | 398 | 451 |
| Chiller with (CW) | 219 | 241 | 330 |
| Energy Saving | 44% | 40% | 27% |

Conditions for estimation: 8,760 operation hours (24/7) / Chiller setpoint 15°C / Full load of 240kW \ 0,2 £/kWh

Could you benefit from a #chillerCHECK? The results might surprise you!

You might think your process cooling system is fine, but it's possible that it could be better. As process cooling technology is becoming more energy efficient, and because we have over 100 years of experience, we have found that we can improve most of the process cooling systems that we assess.



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Want to know quickly if your process cooling system is:

- Consistently cooling Check.
- Has the proper flow Check.
- Is not overheating Check.

#chillerCHECK

Atlas Copco



#chillerCHECK can be carried out without any disruption to your production, in as little as 10 minutes.

Our engineer makes a visual inspection of your entire process cooling system, from chiller to ancillary equipment. Equipment is checked for condition, appropriate capacity, ISO compliance, appropriate flow and for leaks, to name but a few areas.

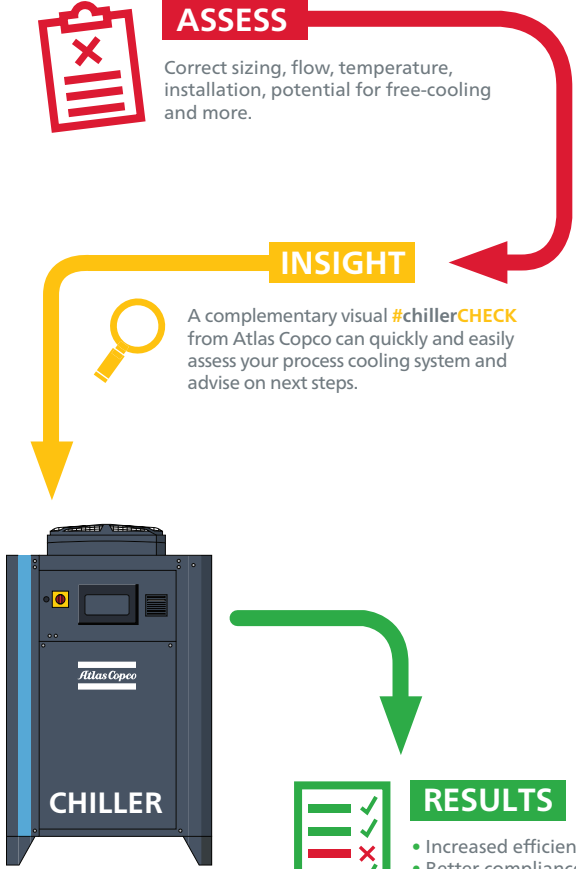
After we have #chillerCHECKED your system, you will receive a no-obligation written report, outlining where running efficiency improvements or energy savings could be made, and highlighting any non-conformance with ISO standards or wasteful practices.

Making even small changes as a result of the free assessment can be enough to offer long-term financial savings and decrease your production costs.



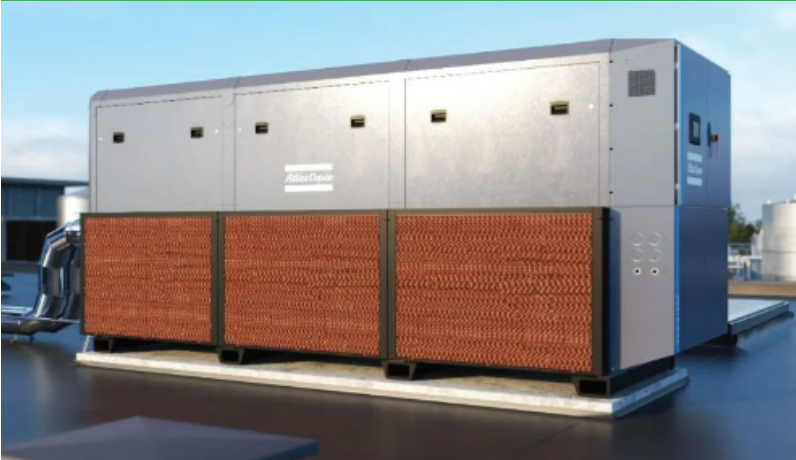
Did you know?

Free-cooling has the potential to reduce your chiller electricity consumption by as much as 50%.



Helping you with ISO compliance

Atlas Copco has ISO 9001, ISO14001, OHSAS18001 and ISO 50001 compliance. We can make recommendations to other companies to help continually reduce your energy use, energy costs and greenhouse gas emissions, and advise on legal requirements and reporting, to assist in your ISO compliance too.



Drainage systems company saves on process cooling costs

Polypipe Building Services is saving up to £36,000 per year in electricity costs thanks to a new process water cooling system at its polymer pelletising plant in Aylesford. The new cooling system incorporates free air coolers manufactured by Eurochiller, which is part of the Atlas Copco Group.