



Daikin Keeping Cool Norway's Largest Data Center

Green Mountain OSL-Hamar Data Center



The Data Center



The Data Center

European Data Center
Project of the year 2024



The Data Center

European Data Center
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OSL-Hamar Data Center
owned by *Green Mountain*

Daikin Solution



71 air-cooled free cooling chillers with screw compressor, Variable Frequency Drive (VFD) and Active Harmonic Filter

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Refrigerant-cooled VFD technology adjusts the compressor's speed bringing energy savings while reducing energy consumption

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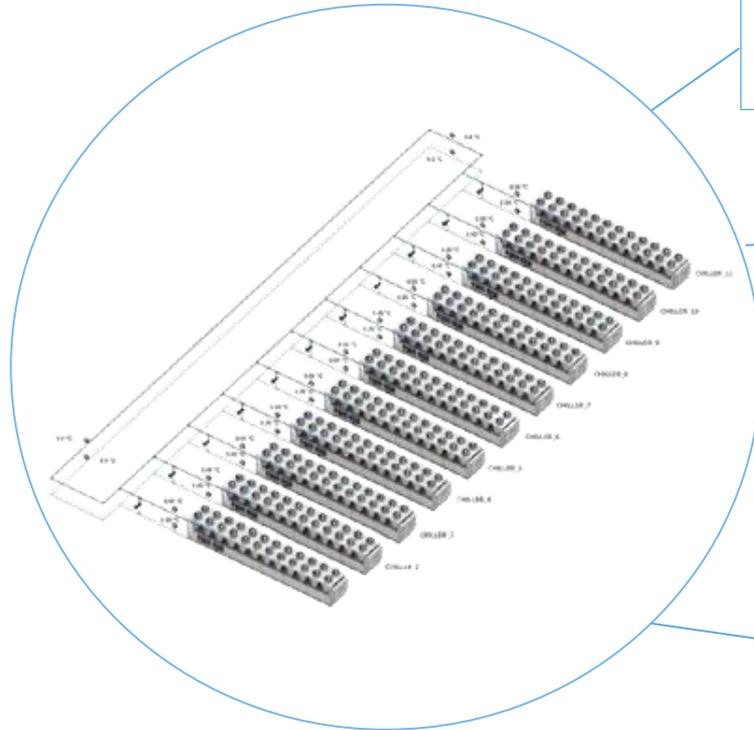


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The Active Harmonic Filter reduces total harmonic distortions by less than 5%, extending the lifespan of components and improving energy efficiency

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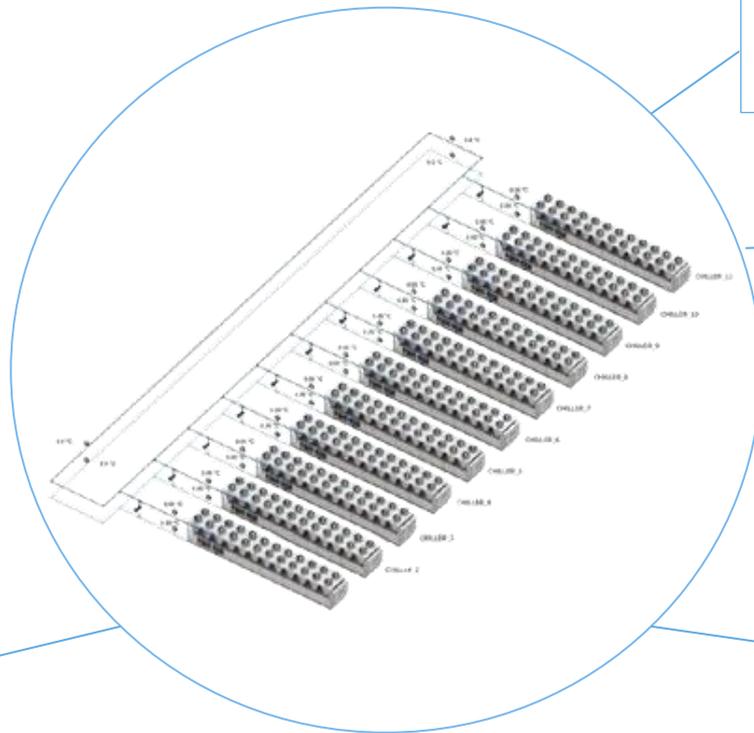
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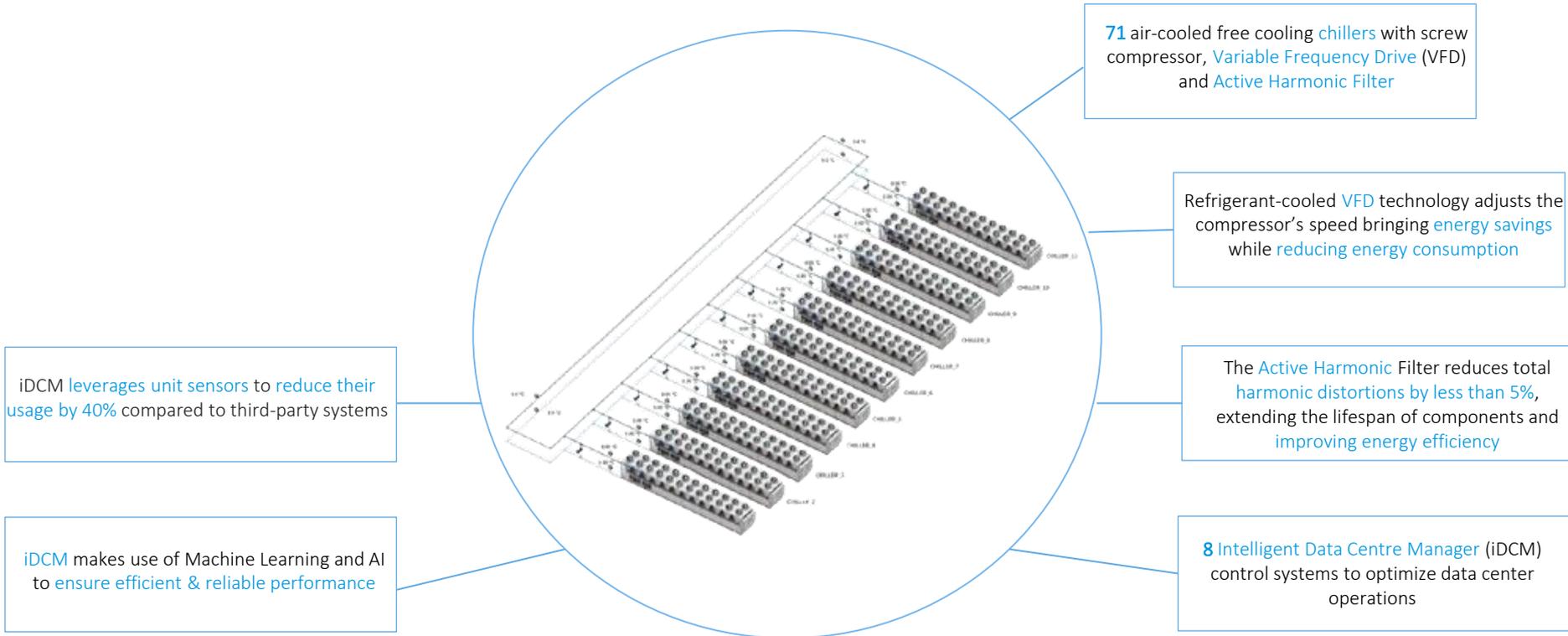
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iDCM leverages unit sensors to reduce their usage by 40% compared to third-party systems

iDCM makes use of Machine Learning and AI to ensure efficient & reliable performance

Daikin Solution

330 Pro-W Fan Array units equipped with **EC fans** ensuring **high efficiency & low energy consumption**

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Daikin Solution

Compact & flexible design that allows it to adapt to different data center layouts, maximizing space utilization and improving airflow management

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New Pro-C CRAH



Thank you