IDEA

PREMIUM **HVAC SOFTWARE**

I-DATA COOL

Advanced Selection & Energy Analysis for Data Center Cooling Systems

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I-Data Cool is a web-based software solution designed for HVAC professionals to select, analyze, and compare **CLOSE CONTROL** cooling units used in technological environments such as **DATA CENTERS** and telecom rooms.

SUPPORTED UNIT TYPES

I-Data Cool manages and evaluates several types of HVAC close control systems:

- **Air-Cooled DX** (Direct Expansion) Units
- **Water-Cooled DX** (Direct Expansion) Units
- **Chilled Water-Based** Cooling Units

The software supports selection of units with **Integrated** or **Remote Condenser.**

The software also supports Free Cooling configurations, including **Direct Free Cooling (DFC)** and **Intermediate Free Cooling (FC)** using FC Coils and Dry Coolers to maximize seasonal energy savings.

KEY FEATURES

Product Selection & Configuration

Select the optimal close control unit for your application- including standard systems and energy-efficient free cooling variants.

Energy Consumption Analysis

Once units are selected, the software provides annual energy consumption diagrams based on geographic parameters like country and climate. This makes it easy to visualize and compare performance over a full year.

EER (Energy Efficiency Ratio) Evaluation

The software generates EER efficiency diagrams, showing how unit energy efficiency varies with temperature, allowing users to **evaluate** and **compare** unit performance accurately.

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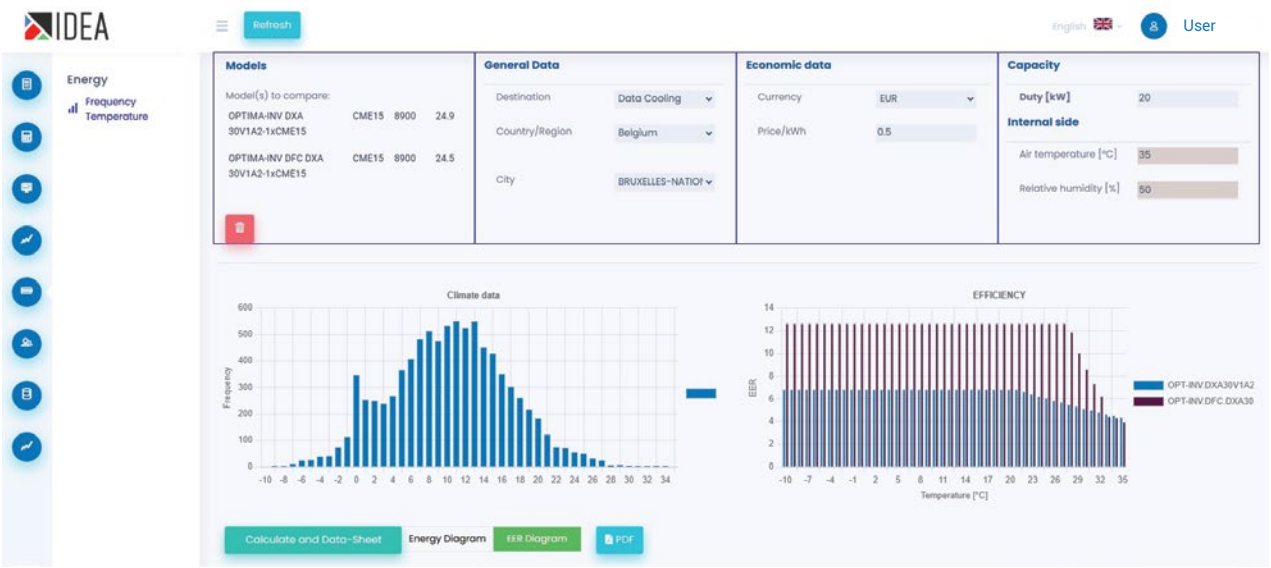
BENEFITS

Smart Seasonal Cooling Logic

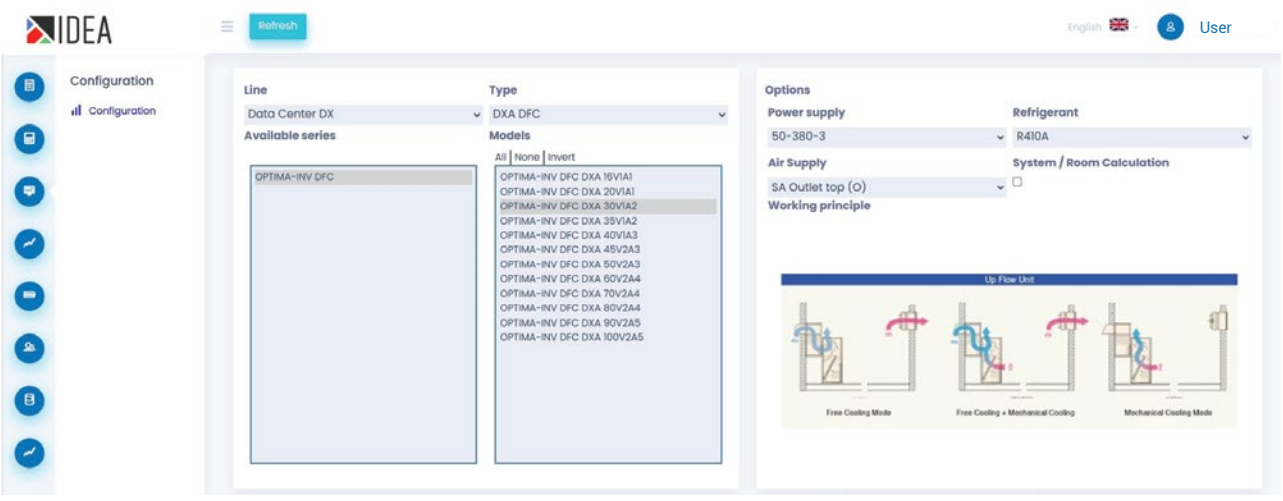
Free cooling options reduce refrigeration demand during colder months by using outside air whenever possible- resulting in significant energy savings.

Side-by-Side Unit Comparison

Compare the energy efficiency of two different units easily using visual charts-a great tool for design decisions and client presentations.



Energetic Analisys, graphs for climate data and energy **consumption**



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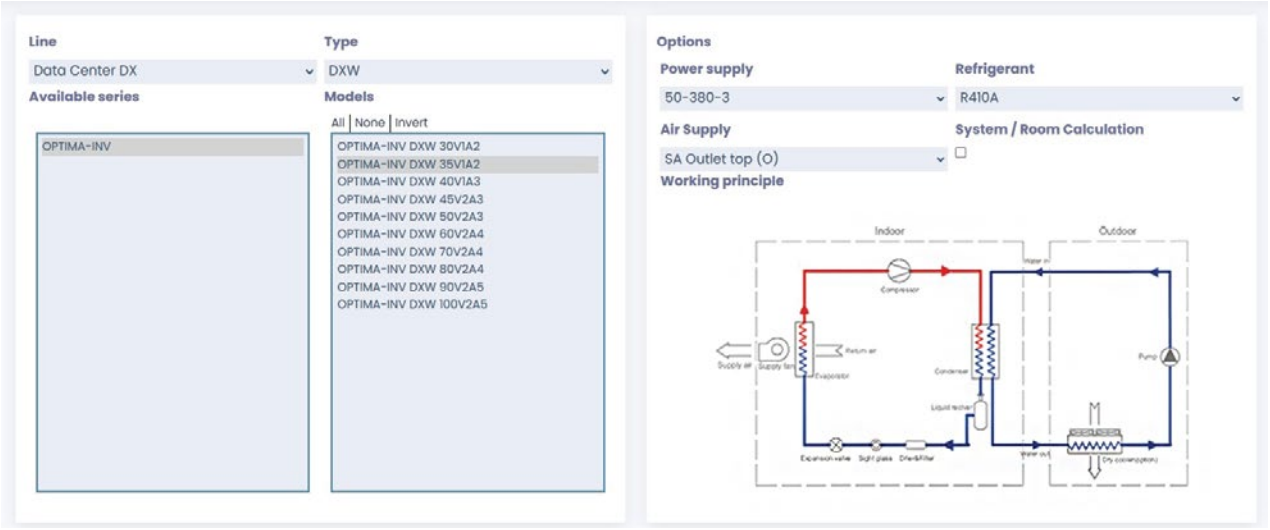
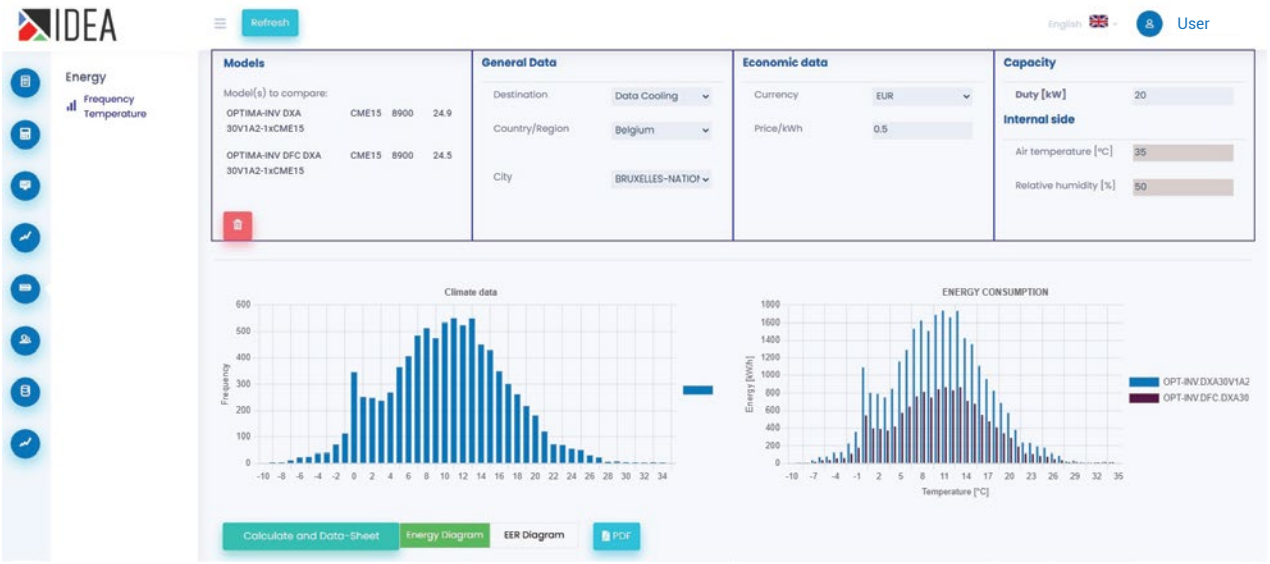


Selection of data center cooling unit with free cooling option



Selection of data center cooling unit with water condenser

WHO IT IT FOR

HVAC Designers & Engineers

Data Center Cooling Planners

Technical Sales & Product Selection Teams

The software helps professionals optimize unit selection, evaluate energy performance, and support data-driven cooling design decisions.

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READY TO TRANSFORM YOUR DESIGN PROCESS?

Request the Demo!

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