



**GRUNDFOS
ACADEMY**

CHILLED WATER SYSTEMS FOR AIR CONDITIONING

**THE POTENTIAL SAVED PENALTY
FROM IMPROVED DELTA T IN BUILDINGS
WITH DISTRICT COOLING**

Quantifying the potential saved penalty from an improved Delta T when connected to a District Cooling utility

This calculation quantifies the potential value from the increased Delta T that can be achieved using Grundfos iSOLUTIONS products or solutions.

This is particularly relevant if your chilled water system already suffers from reduced Delta T and you are already paying penalties.

Key questions and data points

Key questions

		Value
?	What is the Delta T requirement from the District Cooling utility?	°C
?	What is your actual Delta T?	°C
?	What will your assumed Delta T be using Grundfos iSOLUTIONS?	°C
?	What is your annual district cooling energy consumption?	MWh
?	What is the penalty for not achieving the required Delta T?	€/°C/MWh

Value calculation

Current penalty	€
Future penalty	€
Saved penalty = Current penalty - Future penalty	€



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be
think
innovate

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