

Common Industrial Cooling Challenges



HIGH ENERGY CONSUMPTION



HIGH SERVICE AND MAINTENANCE COSTS



HIGH WATER CONSUMPTION

Why Upgrade with Grundfos

Cooling towers and chillers can be responsible for as much as 70% of a site's water use. Sometimes a single system can be using 50% more than the required amount of water. Saving water means saving money. Not only on bills for potable water but on wastewater, chemical treatment and energy as well.

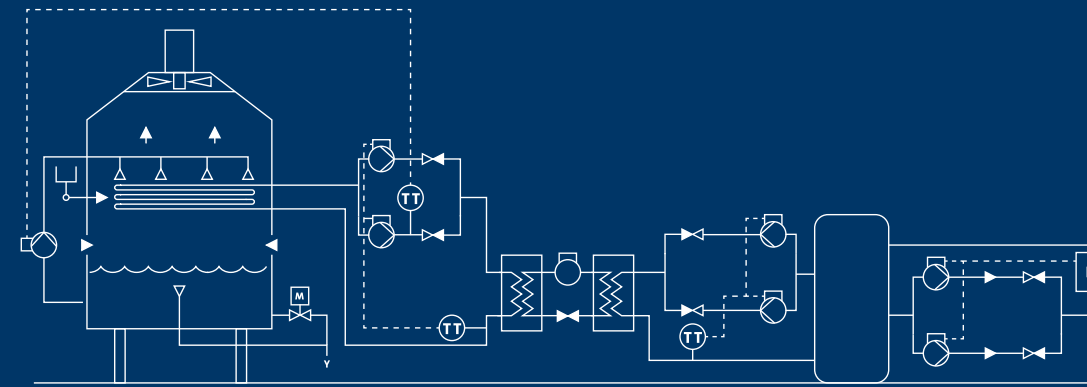
Increasing efficiency and reducing waste has never been simpler than with a complete Industrial Cooling Bundle from Grundfos.

The Cooling Upgrade Bundle:



be think innovate

GRUNDFOS INDUSTRIAL COOLING



OPTIMIZE YOUR INDUSTRIAL COOLING SYSTEM

GRUNDFOS iSOLUTIONS | A SMART SOLUTION FOR YOU

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INDUSTRIAL COOLING BUNDLES

FAST – EASY – EFFICIENT

- Lower operating costs
- Longer maintenance intervals
- Saving water
- Saving chemicals
- Saving energy
- Increasing sustainability

Visit grundfos.us/pei to learn more about Department of Energy (DOE) pump energy index (PEI) requirements and PEI ratings on specific Grundfos models.

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www.grundfos.us
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System Benefits

- ✔ **Autonomously optimize system performance:**
React to system performance data, and adjust to demands
- ✔ **Increased simplicity:**
Decrease the amount of equipment and external controls needed
- ✔ **Premium reliability:**
Reduce downtime and maintenance costs
- ✔ **High energy efficiency:**
Exceed all energy efficiency standards and legislation
- ✔ **Perfectly matched solutions:**
Tailored to your needs out of the box

1 Select Cooling Application

Why optimize now?
In any industrial production, the demand for cooling is increasing, and there is a significant potential for optimization for every industrial cooling application.

In fact, with intelligent solutions from Grundfos, you can take full control of your systems, improve operational efficiency, achieve greater OPEX savings and reduce water loss by up to 50%.

How to select:
The only system information required is PRESSURE and FLOW. With this information, we can provide a complete, out-of-the-box solution, tailored to your needs.

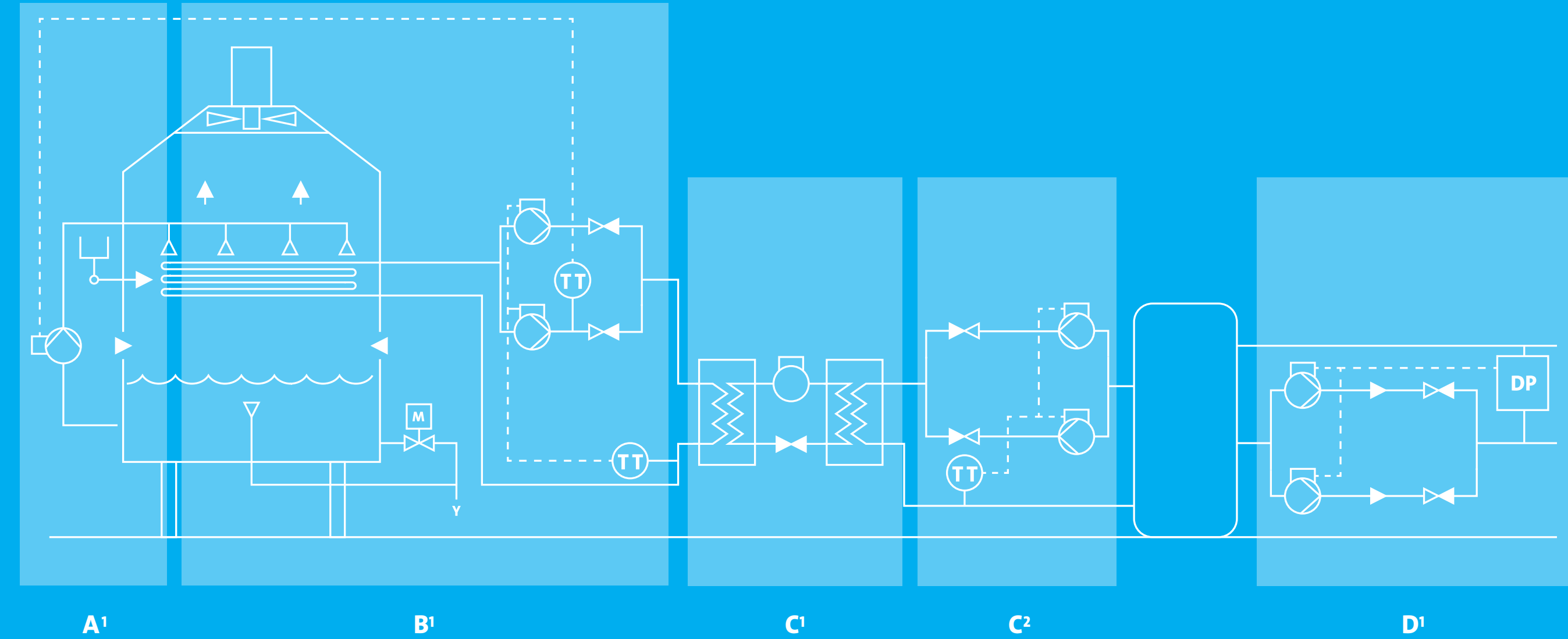
Grundfos Smart Solutions for Industrial Cooling:
Pre-selected and pre-commissioned with digital controls perfectly integrated for premium reliability and efficiency.

2 Select Upgrade Set

What is included:



One BOX:
2 x pumps - variable speed control sensors - pre-configured for optimum performance



29 PSI

FLOW MIN.	FLOW MAX.	TYPE	ORDER:
35	132	A	99948484
66	198	A	99948487
110	330	A	99945409
132	440	A	99948488
176	572	A	99948489
308	793	A	99948491
528	1145	B	99948492
881	1673	B	99945418

43.5 PSI

FLOW MIN.	FLOW MAX.	TYPE	ORDER:
35	110	A	99948493
66	176	A	99948494
132	352	A	99948495
264	616	A	99948497
440	881	B	99948498
1101	1761	B	99945416

87 PSI

FLOW MIN.	FLOW MAX.	TYPE	ORDER:
35	88	A	99948500
66	176	A	99945415
132	352	A	99945414
308	616	B	99945419
440	793	B	99945424
660	1321	B	99945410
881	1761	B	99945423