Flexible systems rise to any challenge

With Grundfos pumps, it is easy to develop a cost-effective heating system that will last long after its initial installation. By selecting any one of Grundfos’ nearly 3,000 pump models, you can achieve the perfect balance between cost and performance. Grundfos has decades of experience in developing innovative pump solutions that are designed to handle varying degrees of efficiency and flexibility. Grundfos offers a complete range of pump solutions for the commercial building sector. But we also offer system know-how that can help create the best, most efficient designs for your building project. This is also true for air conditioning, fire protection, wastewater handling, pressure boosting, and heating.

Grundfos—your project planning partner

Get the most out of your building heating system. We can help you plan for the future. When you are planning a heating system, don’t wait until you have fixed the system design before you contact your pump supplier. This is the best time for discussing pump requirements. It is also the best time for discussing the right pump solutions.

When you need to make a final pump selection, we have every kind of pump you will ever need to include in a heating system—without compromising the optimum performance and efficiency of your system. Every product is produced with long-term savings in mind—because quality pays off.

Grundfos pumps and know-how for heating systems

We can help you plan for the future.

With Grundfos pumps and know-how, you can create a heating system that will handle changing building configurations. By selecting any one of Grundfos’ nearly 3,000 pump models, you can achieve the perfect balance between cost and performance. Grundfos has decades of experience in developing innovative pump solutions that are designed to handle varying degrees of efficiency and flexibility. Grundfos offers a complete range of pump solutions for the commercial building sector. But we also offer system know-how that can help create the best, most efficient designs for your building project. This is also true for air conditioning, fire protection, wastewater handling, pressure boosting, and heating.

So whatever system you are planning, call Grundfos before you get down to exact designs— as we can ensure you have the best available solution.
Greater comfort, flexibility and control. Lower costs.

**Air handling unit with heat recovery**
- For ventilation systems, energy saving is of utmost importance.
- Heat recovery ensures maximum energy efficiency.
- The primary task of the pump using the TPE/TPED booster pump is to ensure an optimal flow between the heating surfaces and the air handling unit.
- This system is designed to recover the heat of the outlet air to be used again in the inlet air.
- The heat recovery system reduces the demand for fresh air, saving energy and improving comfort.

**Optimal results for your heating system using mixing loops**
- When you divide up your system, the main pump only has to supply the flow to the nearest points of your system. This often results in excessive pressure, which the pumps must provide.
- One of the main advantages of mixing loops is that they allow you to design a building façade zones – for example, south-facing rooms can be controlled independently. You can have floor-by-floor mixing loops, which let you divide your system into sections, there by reducing the flow requirements in the system.
- The mixing loop enables easy day/night/weekend management.
- Mixing loops let you divide your building into zones that can be controlled independently. You can have floor-by-floor mixing loops, which let you divide your system into sections.
- The mixing loop enables easy day/night/weekend management.
- Mixing loops let you divide your building into zones that can be controlled independently.

**Don’t pay for pressure you don’t need!**
- When you divide your system, the main pump only has to supply the flow to the nearest points of your system. This often results in excessive pressure, which the pumps must provide.
- Mixing loops let you divide your building into zones that can be controlled independently.
- You can have floor-by-floor mixing loops, which let you divide your system into sections.
- The mixing loop enables easy day/night/weekend management.
- Mixing loops let you divide your building into zones that can be controlled independently.

> Cylinder results for your heating system using mixing loops

### Main points to consider when using mixing loops
- When you divide your system, the main pump only has to supply the flow to the nearest points of your system. This often results in excessive pressure, which the pumps must provide.
- Mixing loops let you divide your building into zones that can be controlled independently.
- You can have floor-by-floor mixing loops, which let you divide your system into sections.
- The mixing loop enables easy day/night/weekend management.
- Mixing loops let you divide your building into zones that can be controlled independently.

**Greater comfort, flexibility and control. Lower costs.**