

Grundfos MIXIT An All-In-One Solution for Mixing Loops in Commercial Buildings

Grundfos Commercial Building Services

A Smart Solution For You



GRUNDFOS 

Possibility in every drop

Explore Grundfos MIXIT

Build the optimal Mixing Loop with ease

Grundfos MIXIT combines all components into an All-In-One Solution that is designed to reduce installation and commissioning time by up to 50%.

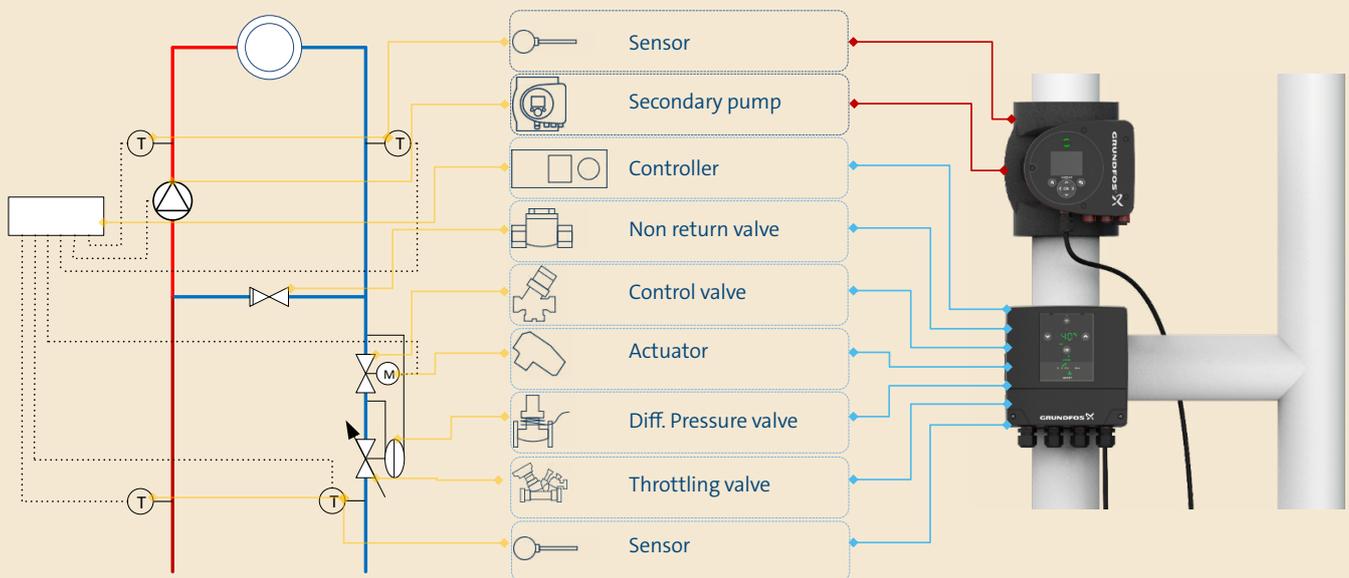
It enables installers to build the optimal mixing loop in the fastest and easiest way possible and only requires two components – the Grundfos MIXIT unit and a Grundfos MAGNA3 or Grundfos TPE3.

MIXIT integrates the temperature controller, the 2-way or 3-way valve, the actuator, the balancing valve and the sensors into one

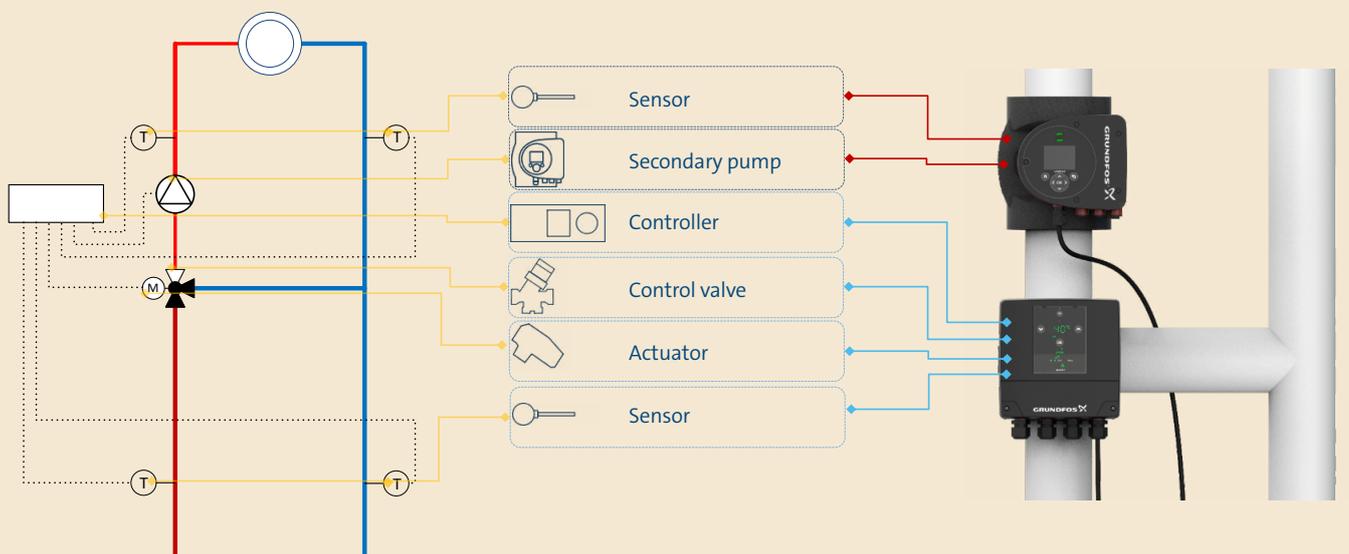
single plug-and-play component, making selection, installation and commissioning much easier. And thanks to its built-in temperature controller, the mixing loop can operate during the construction phase – even before system integration is complete.

Designed for multiple heating and cooling applications, it can be used in both non-pressurised 3-way applications and pressurised 2-way applications. Finally, it supports local, stand-alone operation through an outdoor sensor, while the built-in connectivity links the solution to Grundfos BuildingConnect and other building management systems.

Two way Mixing Loop



Three way Mixing Loop



Take a closer look at Grundfos MIXIT



High performance

Flawless interaction between system components and built-in flow sensor



One point of contact

You only need to call one supplier for service and support



All-in-one solution

Merged from 8-12 components into one preassembled and factory tested solution



Increased efficiency

Saving 50% of the installation and commissioning time



More data, more control

+100 data points available, 100% offsite commissioning and optimisation



Easy setup

Access additional settings in Grundfos GO Remote

Multiple application support

- Heating, cooling & combined heating and cooling
- MAGNA3 and TPE3 support, including twin pump support

User-friendly

- The simple MIXIT interface shows basic information such as temperature, supply, flow, return and setpoint, warnings/ alarms, valve openings etc.
- Bluetooth connectivity enables easy integration with Grundfos GO Remote
- A schematic overview in Grundfos GO Remote displays important data points and offers advanced functionality
- Setups and commissioning wizards in Grundfos GO Remote provide an easy, user-friendly experience

Advanced valve and controller

- Built-in 2-way and 3-way valve
- KVS 6.3-40, settable KVS 1/10
- Pressure-independent 5-250 kPa*
- Built-in temperature controller with weather compensation
- Scheduling and warm weather shutdown
- 4 advanced balancing limiters*
- Energy monitoring*

Connectivity and upgrades

- Free monitoring solution with the possibility to upgrade to Grundfos BuildingConnect Professional
- Built-in fieldbus (BACnet MS/TP & IP + MODBUS RTU & TCP) available as an upgrade

* DYNAMIC functionality



Performance and flow area



MIXIT variants and upgrades

	MIXIT	MIXIT DYNAMIC	DYNAMIC UPGRADE	CONNECT UPGRADE
Standard functions				
Temperature control	•	•		
Underfloor overhear protection	•	•		
Coil preheat and frost protection	•	•		
Frost protection	•	•		
Pump control modes	•	•		
Outdoor temperature compensation	•	•		
Eco functions				
Eco schedule and warm-weather shutdown	•	•		
Pressure independence		•	•	
Energy monitor		•	•	
Balancing limiters		•	•	
Monitoring and control				
Grundfos BuildingConnect Free Monitoring	•	•	•	
Grundfos BuildingConnect Professional				•
Fieldbus Integration (BACnet and MODBUS)				•

All existing features of physical products remain unchanged with DYNAMIC and CONNECT upgrades.

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