
GRUNDFOS MIXIT SOLUTION:
REDEFINING THE MIXING LOOP
EASY COMMISIONING
50% FASTER TO INSTALL
BETTER SYSTEM DESIGN
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WHAT IS GRUNDFOS MIXIT?

THE OPTIMAL MIXING LOOP SOLUTION

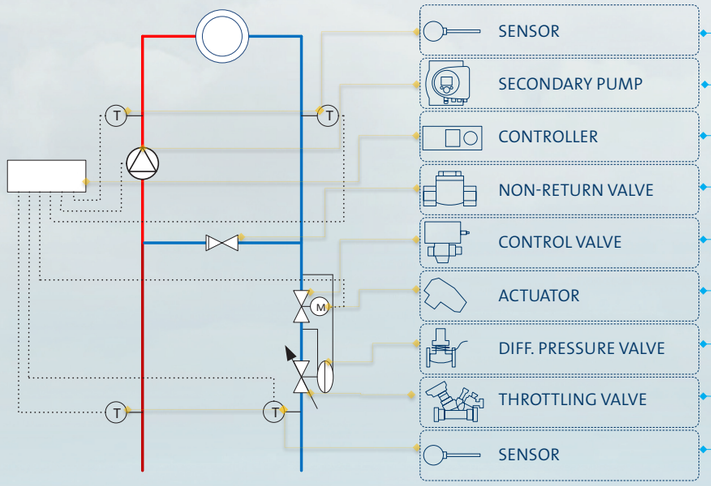
Grundfos MIXIT combines all components into an all-in-one solution, easing the mechanical, electrical and plumbing design and reducing the installation and commissioning time by up to 50%. Explore Grundfos MIXIT and take a deep dive into how the mixing loop as we know it has been redefined.

Grundfos MIXIT solution is the fastest and easiest way to design and build the optimal mixing loop. All you need is two components – the Grundfos MIXIT unit and a Grundfos MAGNA3.

MIXIT integrates the temperature controller, the 2- 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.

MIXIT is flexible and it supports multiple heating applications. Secondly, 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 its built-in fieldbus connectivity enables connection to Grundfos BUILDING CONNECT or other building management systems.

A TRADITIONAL MIXING LOOP



THE MIXIT SOLUTION



A CLOSER LOOK AT THE MIXIT SOLUTION

ALL IN ONE SOLUTION
from 8-12 components into one preassembled and factory tested solution

A FLEXIBLE SOLUTION
Multiple application support both 2-/3-way valve, pressure independant and within heating

READY TO CONNECT
Free monitoring solution included and built-in fieldbus available with a connect upgrade

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.



INCREASED EFFICIENCY
Save 50% of the installation and commissioning time

MORE DATA, MORE CONTROL
+100 datapoints available, 100% OFF-SITE commissioning and optimization

EASY COMMISSIONING
User-friendly setup wizards, advance balancing limiters, etc. all available through GO REMOTE

EASY SETUP
Access additional settings in Grundfos GO.

Multiple appplication support
- Heating
- MAGNA3 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.
- Schematic overview in Grundfos GO REMOTE offers all available data and advanced functionality.
- Setups and commissioning wizards in Grundfos GO REMOTE offer an easy, user-friendly experience.

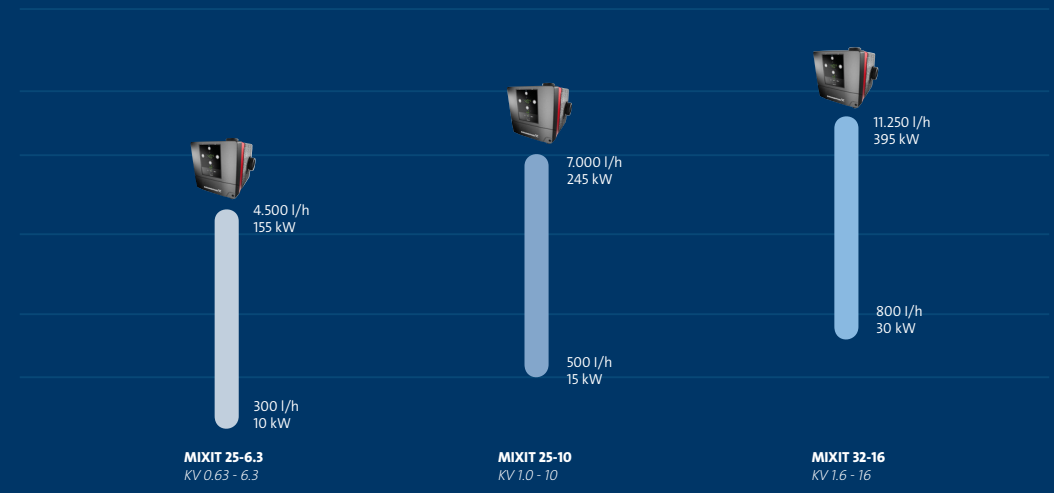
Advanced valve and controller
- Built-in 2-way and 3-way valves
- KVS 0.63-40 and settable KVS 1/10
- Pressure-independent 5-250 KPA*
- Built-in temperature controller with weather compensation
- Scheduling and warm weather shutdown
- Four advanced balancing limiters*
- Energy monitoring*

Connectivity and upgrades
- Free monitoring solution with the possibility to upgrade to a professional.
- Built-in fieldbus (BACNET MS/TP & IP + MODBUS RTU & TCP) available as an upgrade.

* Dynamic functionality.



PERFORMANCE AND FLOW AREA



Flow Dp 5-50 kPa
Power Δt 30°C

MIXIT VARRIANTS AND UPGRADES	MIXIT	MIXIT DYNAMIC	DYNAMIC UPGRADE**	CONNECT UPGRADE
Temperature control	•	•	-	•
Outdoor temperatur compensation	•	•	-	•
Scheduling and warm weather shut down	•	•	-	•
Settable KVS value and temperature controller	•	•		
Pressure independent (5-250 kPa)	-	•	•	(•) *
Energy monitor	-	•	•	(•) *
Balancing limiters - Primary flow - Thermal power - Return temperature - Differential temperature	-	•	•	(•) *
Grundfos BUILDING CONNECT - free monitoring solution	•	•	-	-
Grundfos BUILDING CONNECT - professional	-	-	-	•
Fieldbus integration BACNET/MODBUS	-	-	-	•

* Only enabled/avaliable if it is a dynamic version
** Dynamic upgrade as a upgrade from MIXIT to MIXIT DYNAMIC

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