

Created by: Phone:

Date: 23/06/2022

Qty. | Description

1 | MIXIT 32-16 R NRV



Product No.: 99508834

Grundfos MIXIT is a pre-fabricated, complete mixing loop with integrated control functions designed for heating and cooling systems. MIXIT is mainly suited for three-way installations in large buildings, such as schools, with no need for monitoring, pressure independence or balancing.

With MIXIT a complete mixing loop is built with only two components: a MIXIT valve unit and the best-in-class Grundfos MAGNA3 circulator pump.

Because MIXIT communicates wirelessly with MAGNA3, only two power cables are required for the MIXIT system to work.

The compact design ensures a maximum utilisation of space and a tidy and compact installation.

MIXIT has an integrated actuator and controller and built-in flow and temperature sensors.

Due to the uniquely designed valve and real-time sensor measurements, MIXIT ensures precise flow temperature control even at low flow.

Threaded versions of MIXIT have an integrated, removable non-return valve.

Non-return valves are available as an accessory for flange versions.

MIXIT is controlled via an intuitive operating panel and communicates wirelessly with Grundfos GO Remote for easy setup and control. MIXIT can be configured via three I/O terminals and two relay outputs.

The MIXIT system can operate as a standalone mixing loop in buildings without any additional equipment. Fieldbus (BACnet, Modbus or GENIbus) via Ethernet RJ45 and RS485 transceiver ensures easy BMS integration, allowing MIXIT to also work as a subsystem in larger buildings.

MIXIT offers all functions needed to tailor your mixing loop to your system, including the following:

- · Temperature control
- · External setpoint reduce for radiator heating systems
- · Underfloor overheat protection for underfloor heating systems
- · Coil preheat and frost protection for air handling unit systems
- · Pump control modes for all heating and cooling applications
- · Outdoor temperature compensation
- · Eco schedule and warm-weather shutdown.

MIXIT DYNAMIC also gives access to Grundfos BuildingConnect Free Monitoring, a real-time monitoring system with alarm and warning notifications.

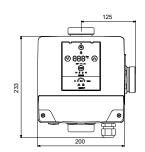
MIXIT can be combined with the DYNAMIC and CONNECT upgrade.

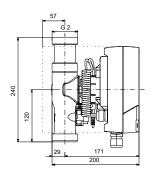


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DescriptionGeneral information:Product name:MIXIT 32-16 R NRVProduct No:99508834EAN number:5713830256664Technical:Minimum flow:0.8 m³/hMaximum flow:8.8 m³/hTF class:110Approvals:CEModel:AReturn valve:YESPressure independing control (Yes/No):NMaterials:Manifold:Cast ironManifold:EN-GJS-500-7Installation:EN-GJS-500-7Range of ambient temperature:0 50 °CMaximum operating pressure:10 barType of connection:2 inchPressure rating for connection:PN 10Shunt orientation:rightLiquid:Liquid temperature range:0 90 °CElectrical data:Power input P1:8 WMains frequency:50 HzRated voltage:1 x 230 VMaximum current consumption:0.1 AEnclosure class (IEC 34-5):X4DOthers:Nation of the sign of		
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Country of origin: DE	Gross weight:	7.38 kg
	Shipping volume:	0.032 m³
Custom tariff no.: 84139100	Country of origin:	DE
	Custom tariff no.:	84139100



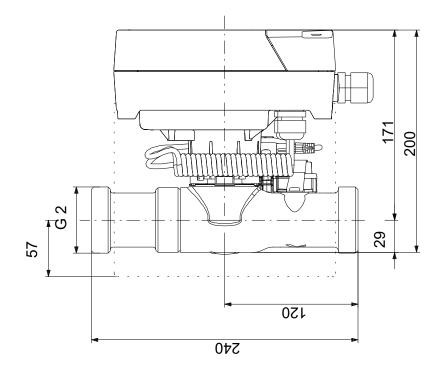


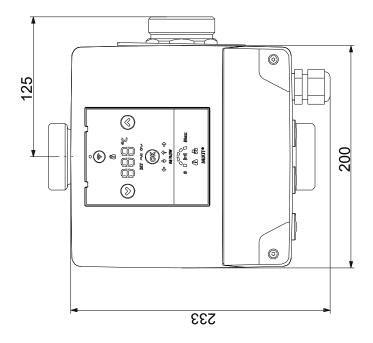


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99508834 MIXIT 32-16 R NRV 50 Hz





Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.



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Order Data:

Product name: MIXIT Amount: 1

Product No: 99508834

Total: Price on request