

5. SCALA1 twin booster system



TM075391

SCALA1 twin booster system

SCALA1 can be easily setup as a twin booster, in case there is a need for a stand-by pump or higher flow demand.

For this purpose, there is a dedicated accessory set that includes:

- base plate
- inlet and outlet manifolds with valves
- communication cable
- fixing screws.

In the twin setup, the two SCALA1 pumps communicate together via a cable included in the accessory kit, enabling optimum double-pump operation.

Features and benefits

The twin system has all the features and benefits of the SCALA1 pump, along with the ability to handle increased flow demand.

Easy installation

SCALA1 twin booster can be quickly installed. After the pumps are mounted on the base plate and connected with a cable and manifolds, it is only a matter of connecting to the pipe system.

Once the system is primed, it is ready to deliver water.

Alternation

Once the communication cable is connected and the system powered on, the pumps are automatically assigned a priority at the start.

Alternation determines when the pumps will switch priority in starting, enabling equal use during operation lifetime. Grundfos GO Remote allows selecting the following options:

- alternate on runtime
- alternate on the number of starts.

Alternate on runtime

Pump 1 will be the first to start until it accumulates the defined number of running hours. After that, Pump 2 will start first.

Alternate on number of starts

Pump 1 will be the first to start until it accumulates the defined number of starts. After that, Pump 2 will start first.

Grundfos GO Remote enabled

SCALA1 twin booster system can be connected to Grundfos GO Remote via Bluetooth communication to be able to adjust the system parameters to specific user needs.

Protection features

SCALA1 twin booster has all the protective functions of the SCALA1 pump.

Dry-run protection will stop each pump separately, while the anti-cycling protection and maximum runtime protection will stop the system.

Operation modes

Duty/Assist

In Duty/Assist, both pumps can run at the same time, delivering more flow on the outlet side.

If one pump is unable to meet the demand, the second pump will start up.

Duty/Standby

In this mode, only one pump will run at a time, while the other pump will remain as a standby pump.

Based on alternation settings, the pumps will switch priority in starting.