

PERFECT PRESSURE, GREATER COMFORT AND PEACE OF MIND

Solve issues for your customers and simplify your business with water pressure booster solutions designed to match requirements for residential water supply



WE MAKE IT EASY FOR YOU TO MATCH THE RIGHT PUMP TO THE APPLICATION

Whatever the size or type of home, or whatever the application inside or outside the building, the need for a sufficient and stable water pressure is always there. And yet surprisingly many of your customers probably live with low or varying water pressure – and therefore less comfort in their home or garden.

This does not need to be the case. Grundfos supplies a broad range of residential water pressure boosting pumps and systems that ensure greater comfort for your customers.

We help you find the right solution, so they do not need to live with some of the typical problems caused by low or varying water pressure. Nobody wants to live with poor showers or slow-filling toilets resulting from a constantly changing or ineffective flow of water, and perhaps a noisy supply system. And these issues are just as irritating outside as well, for garden sprinklers and car washing, for example.





CMBE

Constant water pressure, ideal for the kitchen and bathroom

- Stable water pressure no matter the number of taps
- All-in-one system with a high-efficiency IE5 motor
- Low noise operation < 55 dB(A)
- Dry run and overload protection



SCALA2

Perfect water pressure, ideal for the kitchen and bathroom

- Intelligent pump control adjusts operation to ensure perfect water pressure at all times
- A noise level of 47 dB(A) in typical use – one of the quietest boosters in its class
- Easy to select, install and operate – one variant for all residential applications
- Dry run protection



SCALA1

Water on demand has never been easier, ideal for the house and garden

- Complete all-in-one booster unit with built-in Bluetooth communication
- Fast & easy commissioning directly from the pump control panel or your smartphone
- Remote guided configuration, monitoring and control from the Grundfos GO REMOTE app
- Easy twin-pump control which can be configured online



JET Pump & Boosters

The pressure boosting workhorse, ideal for the garden and irrigation

- Self-priming and ideal for transferring water from wells or ground tanks
- Single-phase models have built-in thermal and current protection
- Stainless-steel construction for a robust design and excellent corrosion resistance
- The hydraulic construction ensures excellent suction capacity and stable operation



UPA

The compact mini-booster for up to four taps, ideal for the bathroom

- Easy plug-and-play installation
- Energy efficient and low energy
- Low noise operation
- Maximum reliability and robust – choice of material variants



SB & SBA

The submersible booster pump, ideal for the garden and irrigation

- Noiseless operation when submerged
- Built from corrosion-resistant composite and stainless-steel materials for greater reliability
- Integrated thermal overload protection
- Floating suction strainer available, to draw water which is clean and free from solid particles

DON'T LET YOUR CUSTOMERS LIVE WITH LOW OR VARYING WATER PRESSURE

Pressure boosters can be used to boost water from a number of different sources. Choosing the right one for the job depends on the application:

- Boosting of mains water:**
 The pressure of mains water varies significantly with changes in demand. To stabilise water pressure in the residential building, a booster pump can be installed to boost and/or equalise pressure, if this is accepted by the local authorities.
- Shallow well:**
 Pumping water from a shallow well requires a pump – either submersible or dry-installed – that can handle the negative inlet pressure and often outdoors installation.
- Water storage tank:**
 Water storage tanks can be placed above or below the ground, and these can have fluctuating water levels and often contain debris and impurities. These are just a few of the things to keep in mind when selecting the right pump for boosting from a storage tank.
- Roof tank:**
 A water storage tank can also be installed on the roof, in which case the conditions on the roof must also be considered, or under the roof.
- Transfer pump:**
 For transferring water from one tank to another, you need a pump that can move the water as quickly as possible when needed and typically in an upwards direction.

		CMBE	SCALA2	SCALA1	JET pump & booster	UPA	SB & SBA
Above ground	Mains Water	●●●	●●●	●●○	●○○	●●●	○○○
	Shallow well	○○○	●●○	●●●	●●○	○○○	●●●
	Water storage tank	●●●	●●●	●●○	●○○	○○○	●●●
Below ground	Water storage tank	○○○	●●○	●●●	●○○	○○○	●●●
	Roof tank	●●○	●●●	●●○	●○○	●●○	○○○
	Transfer pump	●○○	●○○	●●●	●○○	○○○	●●○

- The best pump for the application
- A very good pump for this application
- Pump works well for this application
- Pump cannot be used for this application

Helping you help homeowners to greater comfort

We help you choose a pump for the specific application required by your customer. If you would like to find out more about considerations and recommendations for the above applications, please check out our online training at www.Grundfos.com/ecademy

THERE'S A PRESSURE BOOSTER FOR ALL WATER SOURCES AND APPLICATIONS

Grundfos has a broad range of pressure boosters for residential applications, from robust and reliable pressure boosting workhorses to speed-controlled all-in-one boosters offering perfect water pressure on demand.



FIND THE PRESSURE BOOSTER WITH THE FEATURE SET THAT SUITS BEST

Grundfos domestic water pressure boosting pumps and systems present a range of features and specifications that ensure you do not recommend more or less than is required, when you are with your customers.

All our pressure boosters offer easy installation and user-friendly monitoring and control. See what else they offer:



Dry-installed booster solutions	CMBE	SCALA2	SCALA1	JET pump & booster	UPA
Self-priming	No	Yes	Yes	Yes	No
Low noise	< 55 dB(A)	< 47 dB(A)	< 55 dB(A)	< 72 dB(A)	< 55 dB(A)
All-in-one units	Pre-assembled	Fully integrated (enclosed)	Fully integrated (enclosed)	Pre-assembled	Pre-assembled
Suction lift	x	8 m	8 m	8 m	x
Compact design (H x W x L)	455 x 217 x 350 mm	302 x 193 x 403 mm	316 x 202 x 466 mm	Very dependent on the model	Very dependent on the model
Outdoor installation	Yes, with cover: IP55	Yes: IPX4D	Yes: IPX4D	Yes, with cover: IP44	No: IPX2D
High temperature range	Max Liquid: 60 °C Max Ambient: 55 °C	Max Liquid: 45 °C Max Ambient: 55 °C	Max Liquid: 45 °C Max Ambient: 55 °C	Max Liquid: 60 °C Max Ambient: 55 °C	Max Liquid: 95 °C Max Ambient: 40 °C
Max pressure	PN 10	PN 10	PN 8	PN 6	PN 10
Alarm indication	Yes	Yes	Yes	Yes (JP PM)	x
Pressure indication	Manometer	Setpoint	x	Manometer (JP PT)	x
Dry-run protection	Yes	Yes	Yes	Yes	x
Intelligent pump control	Yes	Yes	Yes	x	x
Connectivity	CIM Module & Bluetooth (dongle)	x	Built-in Bluetooth	x	x
TWIN pump technology	Yes: CMBE TWIN	Yes: Without communication	Yes	x	x



Submerged booster solutions	SB Without control	SB + PM1	SB + PM2	SBA
Technical data				
Maximum installation depth	10 m	10 m	10 m	10 m
All in one unit	No	No	No	Yes
Compact design (H x D)	415 x 150 mm	415 x 150 mm	415 x 150 mm	553 x 150 mm
Outdoor installation	Yes: IP68	Yes: IP68	Yes: IP68	Yes: IP68
High temperature range	Max Liquid: 40 °C	Max Liquid: 40 °C	Max Liquid: 40 °C	Max Liquid: 40 °C
Alarm indication	No	Yes	Yes	No
Pressure indication	No	No	Yes	No
Dry-run protection	No	Yes	Yes	Yes
Automatic start/stop	No	Yes	Yes	Yes

Find out more about domestic water pressure boosting

Do your customers also suffer from low or varying water pressure? Go to the Grundfos website and find out more about the issues that reduce comfort for your customers. You will find answers to the most frequently asked questions and get access to product information, case stories, how to contact Grundfos and much more.

www.grundfos.com/market-areas/buildings/family-homes/pressure-boosting