

Submersible pressure pumps

# GRUNDFOS SB AND SBA



## **DOMESTIC SUBMERSIBLE PRESSURE PUMPS**

The Grundfos SB and SBA are submersible pressure pumps. They offer simple installation and reliable operation in domestic applications such as private wells and rain water tanks.

### **SB**

The Grundfos SB is a submersible pump for the pumping of clean water. It is designed for use in domestic applications. The pump itself is very silent, and when installed underground in a rainwater collecting tank or well, noise will never become an issue. The SB pump requires an external controller, like Pressure Manager, for automatic operation.

### **SBA**

The new Grundfos SBA is a complete all-in-one unit. It is built on the proven SB platform, but comes with an integrated control unit – eliminating the need for an external pump controller. With the new SBA, everything you need to guarantee reliable pumping of water is included.

### **SB/SBA TWO MAIN VERSIONS**

All SB and SBA are available with integrated suction strainer (1 mm mesh), or with side inlet/flexible suction hose with floating suction strainer (1 mm mesh).

All variants are available with or without float switch. The float switch offers stop at low water level, ensuring that surface fragments do not enter the strainer.

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# BUILT TO YOUR NEEDS

Many installers and home owners want simple but reliable pump solutions that require only a minimum of changes to the original installation.

SB/SBA is literally a plug- and pump solution. Once installed and connected to the piping, all you need to do is switch on the pump. The result is a reliable solution and greatly reduced installation costs.

## SB – WITH EXTERNAL CONTROL

- Noiseless operation
- Integrated protection
- Flexible selection – Pump + controller
- Easily accessible controller – for service & replacement

(The SB requires an external control unit. Used in combination with a Grundfos Pressure Manager PM1 or PM2 placed above ground, users have easy access to all information and complete control over the application.)



## IDEAL FOR RAINWATER HARVESTING

The harvesting of rainwater involves filtration of roof run-off and subsequent storage for later use. The water is collected from the roofs of buildings and stored in rainwater tanks.

## BENEFITS OF RAINWATER HARVESTING:

- Reduces the risk of flooding Less pressure on the sewer at peak loads.
- Saves up to 50 % of drinking water Use rainwater for purposes that do not require drinking water quality.
- Prolongs the life of appliances Rainwater is soft water, which reduces lime scale build-up.

## SBA - WITH INTERNAL CONTROL

- Noiseless operation
- Integrated protection
- Easy selection – one unit
- Easy installation – one unit
- Integrated dry-running protection
- Automatic restart after dry-running
- Lifting eye



## GRUNDFOS SB AND SBA TECHNICAL DATA

| SB and SBA information    |                      |
|---------------------------|----------------------|
| Max. flow:                | Liquid temperature:  |
| SB: 3 m <sup>3</sup> /h.  | 0 to 40 °C.          |
| SBA: 3 m <sup>3</sup> /h. | Start pressure:      |
| Max. head:                | SBA 3-35: 1.5 bar.   |
| SB 3-25: 25 m.            | SBA 3-45: 2.2 bar.   |
| SB 3-35: 35 m.            | Min. flow:           |
| SB 3-45: 45 m.            | SBA 3-35: 1.0 l/min. |
| SBA 3-35: 35 m.           | SBA 3-45: 1.0 l/min. |
| SBA 3-45: 45 m.           |                      |

