



HOME &

GARDEN RANGE

GRUNDFOS 

SUBMERSIBLE BOOSTERS

The Grundfos Submersible Booster Pump range provides options to supply harvested rainwater into the home from both above and below ground water sources.



RANGE AT A GLANCE



SB

Page 30



SBA

Page 32

Water Source	 
Application	 
Auto Start/Stop	Manual Control
Max. Noise dB(A)	25 dB
Max. number of open taps	5 Taps
Max. number of storeys	Double Storey Home
Wetted Materials	Stainless Steel/Composite
Float Switch/ Dry Run Protection	Yes As standard

Auto Start/Stop
with Pressure Switch

25 dB

5 Taps

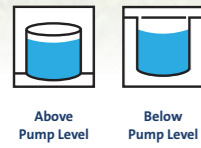
Double Storey
HomeStainless Steel/
CompositeYes
As standard

SB

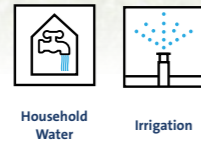
SUBMERSIBLE BOOSTER



WATER SOURCE



APPLICATION



The Grundfos SB is a compact, submersible booster pump designed for the delivery of clean rainwater for domestic use.

- **Start/stop float switch control** - The included float switch will stop the pump if the water source runs dry and re-start when sufficient water is added
- **Virtually silent submerged operation** - Won't disturb your family or neighbours
- **Easy submerged installation – plug & pump** - Connect the pump outlet to the pipework, plug into a power outlet and you're ready to pump
- **For water sources above or below ground** - Designed to be submerged in either above ground water tanks or below ground water sources
- **Floating suction strainer option** - Available with standard suction strainer or optional floating suction strainer, which takes in water from the surface where it is likely to be cleaner



PUMP NOISE

SB	SCALA2	CM Booster Self-Priming	Jet Pump Range
25 dB Max.	47 dB Max.	55 dB Max.	70 dB Max.

PUMP SIZING

High pressure for double storey dwellings and long runs of pipe	SB 3-45	SB 3-45	
Adequate pressure for most single storey dwellings	SB 3-35	SB 3-35	SB 3-45
	Small House 2-3 taps	Medium House 3-4 taps	Large House 4-5 taps

Taps are 15 l/min at 22.5 m head

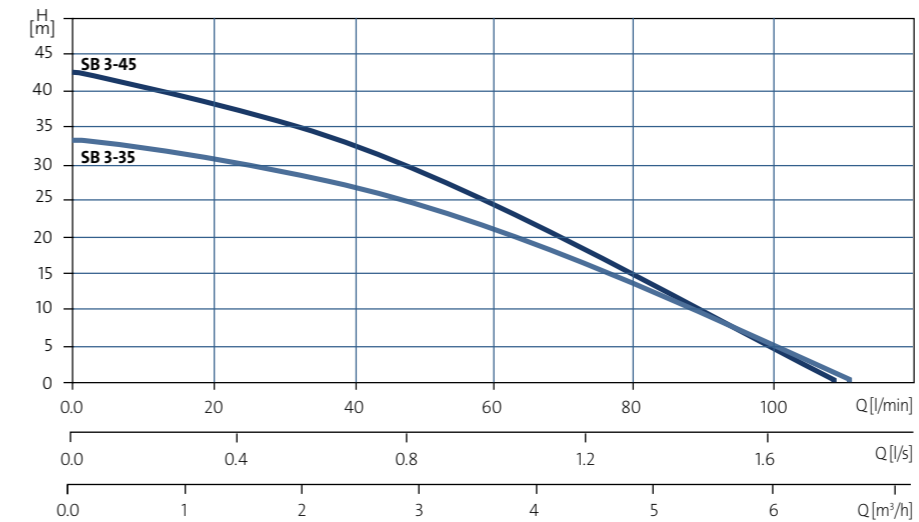
PROTECTION & CONTROL*

	SB	SBA
Auto Start/Stop via Pressure Switch		✓
Non-Return Valve		✓
Dry Run Protection via Float Switch	✓	✓

*For full explanation of Protection and Controls see page 69-70

TECHNICAL & PERFORMANCE DATA

PERFORMANCE CURVE



OPERATING CONDITIONS

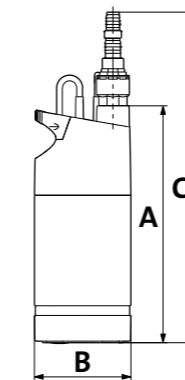
Liquid Temperature	0°C to +40°C
Max. Installation Depth	10 m
pH value of pumped liquid	4-9
Sound Pressure	Max. 25 dB

TECHNICAL DATA

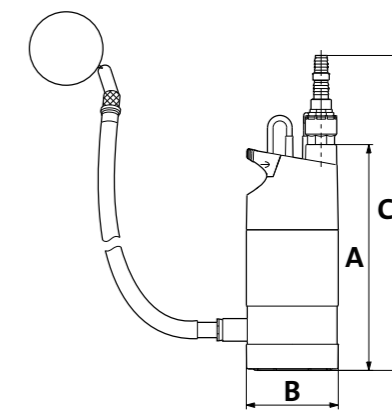
Power Supply Voltage	220-240 Volt, 50 Hz
Power Supply Cable	15 m with plug
Enclosure Class	Suitable for submerged installation (IP68)
Approvals and Markings	Approved for Drinking Water AS/NZS 4020 C-Tick Compliance

PHYSICAL ATTRIBUTES

SB A



SB AW



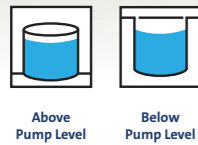
Model	Power (kW) P1 / P2	Connections		Dimensions (mm)			Weight (kg)
		Inlet	Outlet	A (h)	B (w)	C (outlet)	
SB 3-35 A	0.80 / 0.54	Stainless Steel Strainer	¾" or 1" Female	390	150	536	9
SB 3-35 AW	0.80 / 0.54	Floating Strainer	¾" or 1" Female	528	150	621	10
SB 3-45 A	1.05 / 0.62	Stainless Steel Strainer	¾" or 1" Female	415	150	584	10
SB 3-45 AW	1.05 / 0.62	Floating Strainer	¾" or 1" Female	553	150	646	11

SBA

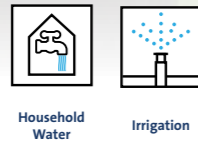
SUBMERSIBLE BOOSTER WITH INTEGRATED PRESSURE SWITCH



WATER SOURCE



APPLICATION



The Grundfos SBA is a compact, submersible booster pump with integrated pressure switch designed for the delivery of clean rainwater into the home.

- **Easy submerged installation – plug & pump** - Connect the pump outlet to the pipework, plug into a power outlet and you're ready to pump
- **Automated control and ongoing protection** - An integrated pressure switch and float switch provide pump control and protective features.
- **Virtually silent submerged operation** - Won't disturb your family or neighbours
- **For water sources above or below ground** - Designed to be submerged in either above ground water tanks or below ground water sources

PUMP NOISE

SBA	SCALA2	CM Booster Self-Priming	Jet Pump Range
25 dB Max.	47 dB Max.	55 dB Max.	70 dB Max.

PUMP SIZING

	SBA 3-45	SBA 3-45	
High pressure for double storey dwellings and long runs of pipe	SBA 3-45	SBA 3-45	
Adequate pressure for most single storey dwellings	SBA 3-35	SBA 3-35	SBA 3-45
	Small House 2-3 taps	Medium House 3-4 taps	Large House 4-5 taps

Taps are 15 l/min at 22.5 m head

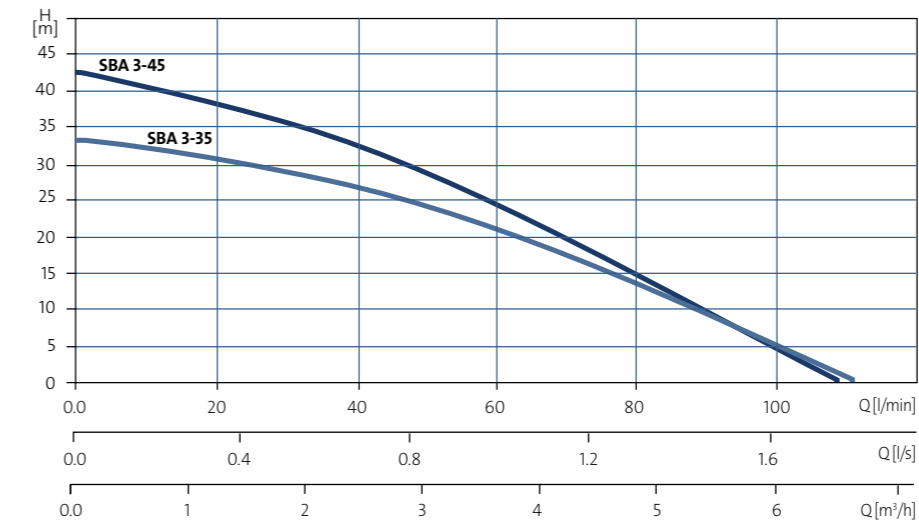
PROTECTION & CONTROL*

	SB	SBA
Auto Start/Stop via Pressure Switch		✓
Non-Return Valve		✓
Dry Run Protection via Float Switch	✓	✓

*For full explanation of Protection and Controls see page 69-70

TECHNICAL & PERFORMANCE DATA

PERFORMANCE CURVE



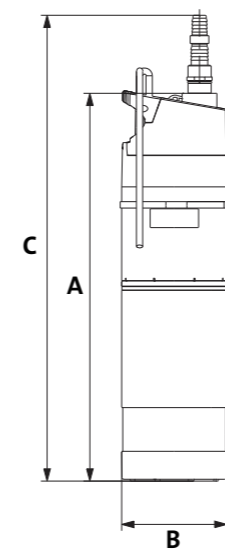
OPERATING CONDITIONS

Liquid Temperature	0°C to +40°C
Max. Installation Depth	10 m
pH value of pumped liquid	4-9
Sound Pressure	Max. 25 dB

TECHNICAL DATA

Power Supply Voltage	220-240 Volt, 50 Hz
Power Supply Cable	15 m with plug
Enclosure Class	Suitable for submerged installation (IP68)
Approvals and Markings	Approved for Drinking Water AS/NZS 4020 C-Tick Compliance

PHYSICAL ATTRIBUTES



Model	Power (kW) P1 / P2	Connections		Dimensions (mm)			Weight (kg)
		Inlet	Outlet	A (h)	B (w)	C (outlet)	
SBA 3-35 A	0.80 / 0.54	Stainless Steel Strainer	¾" or 1" Female	528	150	621	9
SBA 3-45 A	1.05 / 0.62	Stainless Steel Strainer	¾" or 1" Female	553	150	646	10