SCALA1

Getting water on Demand has never been easier

Grundfos SCALA1 is an all-in-one pressure boosting unit with a high-efficiency motor and hydraulics with low noise operation for domestic water supply and also light commercial applications. Built-in Bluetooth communication gives you complete control over the pump using the Grundfos GO REMOTE, also for twin pump operation.

This means that installation and commissioning has never been easier. The Grundfos GO REMOTE app also lets you see alarm status and get easy pump diagnostics. You can create and email reports on-site and access hard-to-reach installations remotely from the app.

Pressure boosting, control and water supply made easy

- **All-in-one booster unit**
  Complete all-in-one unit, integrating pump, motor, diaphragm tank, pressure and flow sensor, dry-running protection, controller and non-return valve provides you with optimal pressure boosting for water on demand and intelligent pump control
- **Installation and commissioning**
  Save time installing SCALA1 – simply connect the pipes, prime the pump and plug it in. For fast and easy commissioning, configure the pump quickly and intuitively directly from the pump control panel. For more advanced settings you can use the Grundfos GO and follow the guided online configuration
- **Bluetooth communication built-in**
  The built-in two-way communication system connects to the intuitive Grundfos GO REMOTE app, which enables you to monitor, trouble-shoot and control SCALA1 from your smartphone. You can download the Grundfos GO REMOTE app to any device with an iOS or Android operating system
- **Easy twin pump control**
  Built-in multi-pump/booster technology enables twin pump connection with joint pump control in either duty/ assist or duty/ standby mode. Online configuration is done easily using the Grundfos GO REMOTE app, where you can also adjust the alternation setup

APPLICATIONS

- Taps and showers in the home
- Garden and lawn irrigation
- Greenhouses
- Water transfer
- Car wash

TECHNICAL DATA

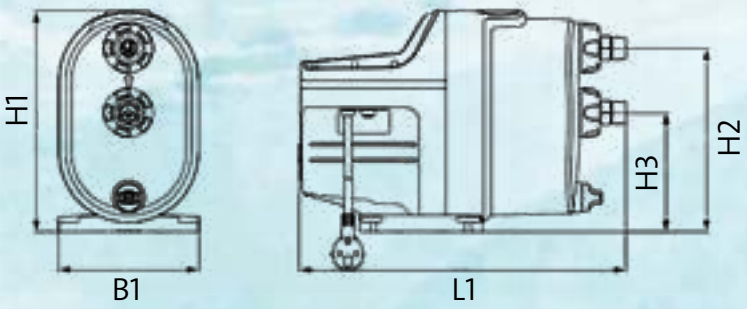
Max ambient temperature	- 55 °C / 131 °F
Max liquid temperature	- 45 °C / 113 °F
Max system pressure	- 8 bar / 115 psi
Frequency of start / stop	- 25 per hour
IP rating	- X4D (outdoor use ready)
Pumped liquid	- Clean water
Noise level	- < 55 dB(A)
Safety approvals	- CE, EAC
Drinking water approvals	- ACS

Five size variants for every domestic water supply need

Designed for pressure boosting in domestic installations, use SCALA1 for pumping from a roof tank, break tank or ground tank. It is also ideal for water supply from shallow wells (less than 8 m) and for pressure boosting from city mains water.

Part Code	Model	Power		Cut-in Pressure (BAR)	Voltage	FLOW	Hydraulic Data							Pipe Size (mm)	
						M^3/hr	0	0.8	1.6	2.4	3	3.8	4.8		
		Kw	Hp			LPM	0	13.3	26.7	40.0	50.0	63.3	80.0	Suction	Delivery
99530408	SCALA1 3-25	0.36	0.5	1.2	1x230 V	Head (Mts)	25	24	23	21	19	16	11	25	25
99530409	SCALA1 3-35	0.45	0.6	1.5	1x230 V		36	35	32	28	25	19	11	25	25
99530410	SCALA1 3-45	0.58	0.8	2.2	1x230 V		44	41	38	33	30	23	14	25	25
Part Code	Model	Power		Cut-in Pressure (BAR)	Voltage	FLOW	Hydraulic Data							Pipe Size (mm)	
						M^3/hr	0	1	2	3	4	5	6		
		Kw	Hp			LPM	0	16.7	33.3	50.0	66.7	83.3	100.0	Suction	Delivery
99530411	SCALA1 5-25	0.43	0.6	1.2	1x230 V	Head (Mts)	26	25	23	20	17	13	8	25	25
99530412	SCALA1 5-55	0.78	1	2.8	1x230 V		52	49	45	40	35	27	19	25	25
MANIFOLD FOR SCALA1 TWIN														Manifold Size (mm)	
														Suction	Delivery
99725165	SCALA1 TWIN ACCESSORIES SET													32	32

DIMENSIONS



Pos.	H1 (mm) (inch)	H2 (mm) (inch)	H3 (mm) (inch)	L1 (mm) (inch)	B1 (mm) (inch)
SCALA1 (all variants)	316 12.4	263 10.4	171 6.7	466 18.4	202 8.0

Scala1 Twin Accessories Set

If greater flow is required, this is easily done in a twin pump setup with the available accessories (including baseplate, cable and inlet and outlet manifolds). You can then follow the guided online configuration using the Grundfos GO REMOTE app.