

# GRUNDFOS 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 onsite 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 REMOTE app 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.

# 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.

## Applications

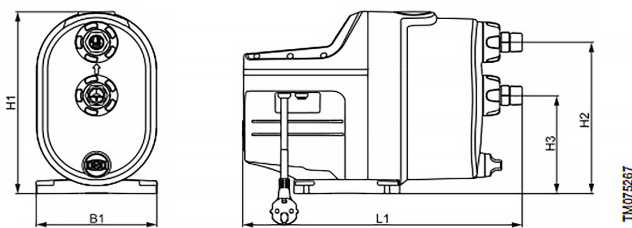
- Taps and showers in the home
- Garden and lawn irrigation
- Greenhouses
- Water transfer
- Car wash

## 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

Part Code	Model	Power		Cut-in Pressure (BAR)	Voltage	FLOW	Hydraulic Data							Pipe Size (mm)	
		Kw	Hp				M <sup>3</sup> /hr	0	0.8	1.6	2.4	3	3.8	4.8	Suction
						LPM	0	13.3	26.7	40.0	50.0	63.3	80.0		
99530408	SCALA1 3-25	0.36	0.5	1.2	1x230V	Head (Mts)	25	24	23	21	19	16	11	25	25
99530409	SCALA1 3-35	0.45	0.6	1.5	1x230V		36	35	32	28	25	19	11	25	25
99530410	SCALA1 3-45	0.58	0.8	2.2	1x230V		44	41	38	33	30	23	14	25	25
Part Code	Model	Power		Cut-in Pressure (BAR)	Voltage	FLOW	Hydraulic Data							Pipe Size (mm)	
		Kw	Hp				M <sup>3</sup> /hr	0	1	2	3	4	5	6	Suction
						LPM	0	16.7	33.3	50.0	66.7	83.3	100.0		
99530411	SCALA1 5-25	0.43	0.6	1.2	1x230V	Head (Mts)	26	25	23	20	17	13	8	25	25
99530412	SCALA1 5-55	0.78	1	2.8	1x230V		52	49	45	40	35	27	19	25	25
<b>MANIFOLD FOR SCALA1 TWIN</b>											<b>Manifold Size (mm)</b>				
											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.



Find out more on [grundfos.in](http://grundfos.in)

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