

Self-Priming Water Boosting Pump

GRUNDFOS SCALA1

Grundfos SCALA1 is an all-in-one pressure boosting system designed for irrigation and water transfer applications. Ideal for water supply from shallow wells (less than 26 ft) and pressure boosting from city mains, SCALA1 can also pump from a roof tank, break tank or ground tank.

With Bluetooth-enabled connectivity, you can monitor, troubleshoot, and control SCALA1 from your smartphone. Using features like scheduling and external input, you can choose when SCALA1 works for you. Download the Grundfos GO app to any device with an iOS or Android operating system.

Save time with installation with an easy 3-step process. Connect the pipes, prime the pump and plug it in. For a fast setup, configure the pump from the pump control panel. For advanced settings, use the Grundfos GO app and follow the guided online configuration.

Built-in multi-pump/booster technology enables twin pump connection with joint pump control in either duty/assist or duty/standby mode. Each pump and the accompanying twin-pump accessories are available separately, allowing for flexibility in your installation.



KEY FEATURES AND BENEFITS

- Complete all-in-one unit
- Easy twin pump control
- Bluetooth-enabled connectivity
- Scheduling
- External input
- Dry-running protection
- Easy 3-step installation
- User-friendly
- Available twin-pump configuration
- Low noise: As quiet as a modern dishwasher (55 dB(A) in typical use)
- Quality-tested to perfection, maintenance-free
- Highly efficient water cooled motor
- Self-priming
- Indoor/Outdoor X4D

BOOSTING APPLICATIONS

- Lawn and Garden
- Sports Field Irrigation
- Marine Washdown
- Greenhouses
- Livestock and Agriculture

TECHNICAL DATA

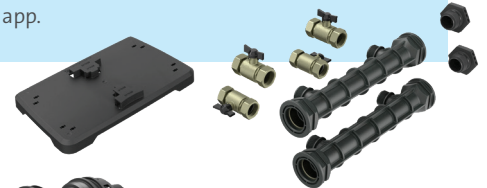
	SCALA1 3-45	SCALA1 5-55
AMBIENT TEMPERATURE:	max. 131°F (55°C)	
LIQUID TEMPERATURE:	max. 113°F (45°C)	
SYSTEM PRESSURE:	max. 115 psi (8 bar)	
INLET PRESSURE:	max. 43 psi (3 bar)	max. 29 psi (2 bar)
HEAD:	max. 150 ft (45 m)	max. 182 ft (55 m)
NOMINAL HEAD:	82 ft (25 m)	82 ft (25 m)
NOMINAL FLOW:	15.8 US gpm (3.6 m ³ /h)	23.3 US gpm (5.3 m ³ /h)
IP RATING:	X4D (outdoor use ready)	
PUMPED LIQUID:	Clean water	
NOISE LEVEL:	<55 dB(A)	
NET WEIGHT:	26.5 lbs. (12.0 kg)	30.9 lbs. (14.0 kg)
SUCTION CAPABILITY:	max. 26 ft (max 8m)	

PRODUCT OFFERING

SCALA1 Pump Models	
99631742	SCALA1 3-45 1x115V 60Hz NEMA 5-15 CSA
99631736	SCALA1 3-45 1x230V 60Hz NEMA 6-15 CSA
99631754	SCALA1 5-55 1x115V 60Hz NEMA 5-15 CSA
99631739	SCALA1 5-55 1x230V 60Hz NEMA 6-15 CSA

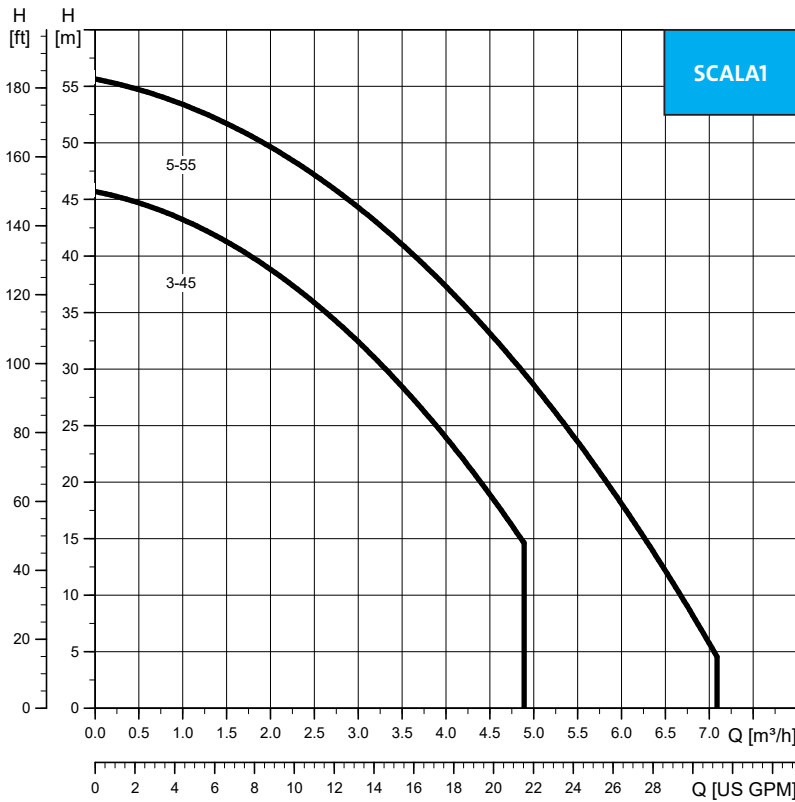
SCALA1 Accessory Kits	
99725185	Inlet Filter, 250 micron, NPT
99725168	SCALA1 Twin Accessories Set, NPT

Need greater flow? A twin pump setup is available with the twin accessories kit that includes baseplate, cable and inlet, and outlet manifolds. Configuration is easy with the Grundfos GO app.



An Inlet Filter can be added to help prevent harmful particles from entering the system.

PERFORMANCE DATA



Visit grundfos.us/pei to learn more about Department of Energy (DOE) pump energy index (PEI) requirements and PEI ratings on specific Grundfos models.