

IMAGINE...

...ONE SOLUTION TO CONSTANT WATER PRESSURE

The SQE constant water pressure system is one complete solution without the need of additional controls or wiring.

The SQE constant water pressure system can be adjusted by the touch of a button. It's intelligent control unit is capable of monitoring and displaying the system's performance continuously whilst also providing dry-running protection and other features that guarantee a long lifetime of the pump. Even in the roughest domestic applications. In addition to all this, the SQE constant pressure system is very easy to install and virtually maintenance free.

IMAGINE.. one solution to stock, to sell and to install. This is today's GRUNDFOS reality.

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GRUNDFOS 

SUBMERSIBLE 3" CONSTANT WATER PRESSURE SYSTEM

- > AN ENTIRE SOLUTION
- > UNIQUE FEATURES





SUBMERSIBLE 3” CONSTANT WATER PRESSURE SYSTEM

The SQE pump and the CU301 Control Unit is a complete Constant Water Pressure system.

The “Smart Flo” solution is easy to install and easy to operate.

The main applications are:

- Domestic water supply
- Irrigation

The SQE constant pressure system offers constant water pressure despite varying demands.

It also offers the features and benefits of the basic SQ pump:

- Soft start...**
...to prevent water hammering and electrical disturbances
- High starting torque...**
...even at low supply voltage, the SQ delivers a reliable water supply
- Over load protection...**
...protects the motor against unstable voltage supply by reducing speed or stopping the pump

Dry running protection...

...stops and prevents the pump from damage in case of dry running

Automatic re-start...

...ensures a reliable water supply when ever possible

The Constant Water Pressure system consist of:

- SQE pump
- CU301 Control Unit
- Pressure Sensor

The SQE constant water pressure system is one complete solution without the need of additional controls or wiring, very easy to install and virtually maintenance free.

The intelligent control unit monitors the system’s performance continuously.

If necessary the pressure can be adjusted by a simple touch of a button.



SELECTING THE RIGHT PUMP FOR YOUR NEED

EXAMPLE

How to select an SQE pump

- 1 The head (inclusive of friction loss) is 82 ft (25 m) (A)
- 2 Your maximum demand is 13 GPM (49 LPM) (B)
- 3 You require 70 Psi (4.8 bar) system pressure at the taps in the house (C)
- 4 Select an 15SQE - 220 which can be adjusted to any constant pressure from 40 (2.7 bar) to 80 Psi (5.5 bar) (D)

The water demand of most domestic installations are covered by the pumps shown in the table, but the Grundfos SQE-pump range covers an even wider capacity.

Feel free to contact us if you wish to know more about the SQE range.

Dynamic head (ft)	Nom. flow (GPM)	System pressure (Psi)						
		40	50	60	70 (C)	80	90	100
33-66	9			10 SQE - 200				
	9					10 SQE - 240		
	13				15 SQE - 220			
	22			22 SQE - 190				
	22				22 SQE - 220			
67-99 (A)	9			10 SQE - 200				
	9					10 SQE - 290		
	13 (B)			15 SQE - 220	(D)			
	13					15 SQE - 290		
	22			22 SQE - 220				
100-132	9			10 SQE - 240				
	9					10 SQE - 330		
	13			15 SQE - 200				
	13					15 SQE - 290		
	22			22 SQE - 220				
133-165	9			10 SQE - 290				
	13			15 SQE - 290				
166-199	9			10 SQE - 330				
	13			15 SQE - 290				
200-230	9			10 SQE - 330				
	13			15 SQE - 290				
231-264	9			10 SQE - 330				
265-295	9			10 SQE - 330				