

# GRUNDFOS **MQ PUMPS**

ALL-IN-ONE HOME WATER SUPPLY SYSTEM



# GRUNDFOS MQ PUMPS

## Compact, all-in-one unit, designed for home water supply systems

The Grundfos MQ is a compact all-in-one pressure boosting unit, designed for domestic water supply and other boosting or lift applications. The MQ is a compact and reliable, easy-to-install pump, with many standard features.

The MQ is a self-priming multistage centrifugal pump. It self-priming from a well depth of down to 25 feet within a maximum time of 5 minutes. The MQ pump is also ideal for pressure boosting from water storage tanks or from city water supply (maximum 45 psi inlet pressure).

The MQ pump is built for long life, trouble-free operation. It is made from weatherproof, corrosion-resistant materials and can be placed outdoors.

### EASY TO SELECT

The Grundfos MQ makes it easy to select the right pump. The MQ is an all-in-one unit with two models to choose from. There is no need to worry about a separate pressure tank, pressure switch, electrical connections, fittings, or any other separate items. With MQ it is literally a matter of connect the power and turn on the pump. Installation of an MQ pump is simple and can be done in a matter of minutes, which gives you more time to relax.

### EASY TO INSTALL

The MQ pump is easy to install. The discharge connection can move up to 5° to fit existing pipework, and the compact design makes the pump easy to place even where space is limited.



The Grundfos MQ features an easy-to-use control panel with indicator lights for indication of:

- pump on
- auto reset
- alarm (dry-running or overheating).

**In the event of dry-run, the pump will stop and afterwards attempt to restart automatically. Restarting can also be done manually. If required, the auto reset function can be disabled as well.**

# GRUNDFOS MQ PUMPS

## ALL-IN-ONE HOME WATER SUPPLY SYSTEM

### EASY TO OPERATE

Operating the MQ pump is simple and easy. The actual settings are clearly indicated by light-diodes on the user-friendly control panel.

The MQ pump has a small built-in pressure tank to ensure that water is readily available from the tap. When water is required, the pump automatically starts and no loss of pressure will be felt. It also features an built-in check valve.



### UNIQUE USER BENEFITS

“Whisper quiet operation,” the MQ is specially designed for use in domestic applications where low noise is a major consideration. The pump is cooled by the pumped water which eliminated the need for a noisy cooling fan. Because the pump is self-cooling, you don’t need to have free space around the pump for cooling purposes. The MQ “anti-cycling” feature prevents the pump from continuously starting and stopping when you have a dripping tap or minor leak in the system.

### PROTECTIVE FEATURES

The MQ pump has built-in dry-run protection. If the pump runs dry, the pump automatically stops. It will then attempt to restart every half hour for a maximum of 24 hours until water is available from the source. If more than 24 hours pass without water, the pump must be restarted manually. The auto reset function can also be disabled.

The MQ pump also has built-in thermal protection. If the pump overheats it immediately stops. After a 30-minute cooling-down period, the pump will automatically restart.

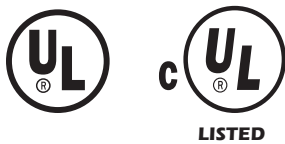
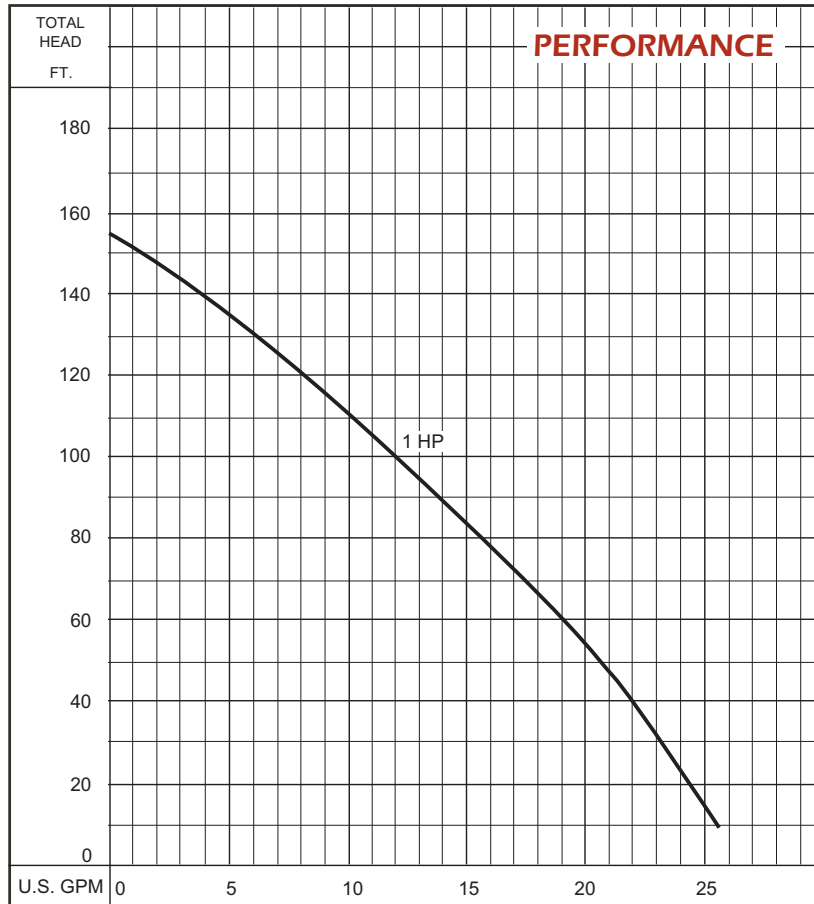
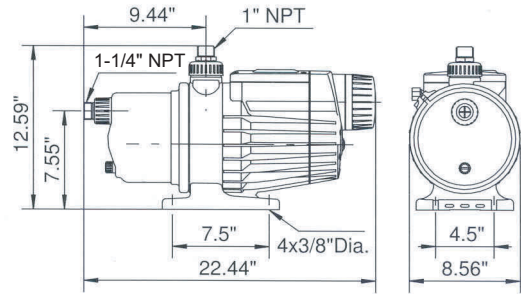
The MQ has an easy accessible priming plug for filling the pump with water before start. It also has a drain plug to prevent the pump from freezing.

### FEATURES/BENEFITS

- Easy to select
- Easy to install
- Easy to operate
- Self-priming down to a depth of 24 ft (8 m)
- Low noise
- Anti-cycling feature
- Dry-run protection
- Corrosion-free - suitable for potable water
- User-friendly control panel
- Tough and reliable
- Space-saving - no tank required
- Use anywhere: homes, cottages, farms, greenhouses and more

**DIMENSIONS AND WEIGHTS**

PUMP TYPE	HP	VOLTAGE	In [A]	Istart [A]	NET WEIGHT [lbs]
MQ 3-45	1	1 X 110-120 V	9.2	12.5	29
MQ 3-45	1	1 X 220-240 V	4.5	8.6	29



Grundfos Pumps Corporation  
 17100 W. 118th Terrace  
 Olathe, Kansas 66061  
 Telephone: (913) 227-3400  
 Fax: (913) 227-3500

Grundfos Canada, Inc.  
 2941 Brighton Rd.  
 Oakville, Ontario L6H 6C9  
 Telephone: (905) 829-9533  
 Fax: (905) 829-9512

Bombas Grundfos de Mexico, S.A. de C.V.  
 Boulevard TLC #15, Parque Industrial Stiva Aeropuerto  
 C.P. 66600 Apodaca, N.L. Mexico  
 Telephone: 52-8-144-4000  
 Fax: 52-8-144-4010