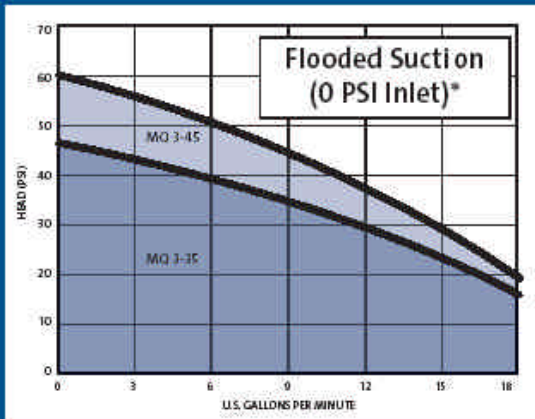
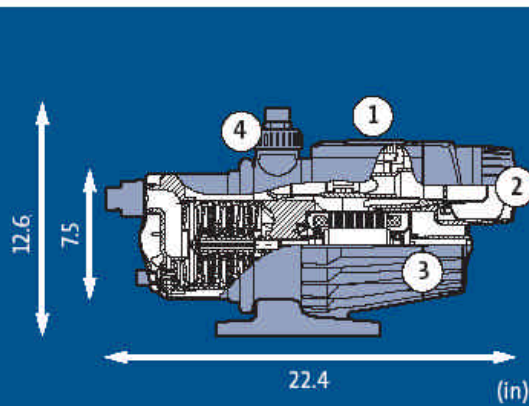


Grundfos MQ self-priming multistage pump



Performance range:	Flow up to 20 gpm Head up to 139 ft
System pressure:	Up to 109 psi
Inlet pressure:	Max. 45 psi
Suction lift:	Max. 26 ft
Liquid temperature:	32°F to +95°F
Ambient temperature:	32°F to +113°F
Nominal voltage range:	1 x 110 - 120 V or 1 x 220 - 240 V
Weight:	29 pounds
Dimensions:	12.6 x 22.4 x 8.7 (in)
Thermal protection:	Yes

Dimensions and features



- 1 User-Friendly control panel
- 2 Built-in pressure tank
- 3 Low noise operation
- 4 Flexible discharge connection

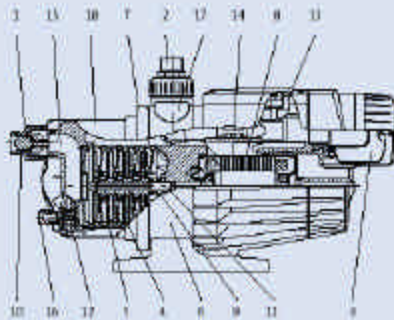
The Grundfos MQ is a compact all-in-one pressure boosting unit, designed for domestic water supply and other boosting or lift applications. The MQ is a compact and reliable, easy-to-install pump, with many standard features.

The MQ pump is ideal for pressure boosting from water storage tanks or from city water supply (maximum 45 psi inlet pressure). The MQ is also a self-priming multistage centrifugal pump. It can self-prime from a well depth of down to 26 feet within a maximum time of 5 minutes.*

* For detailed suction lift performance characteristics, refer to the MQ product guide.



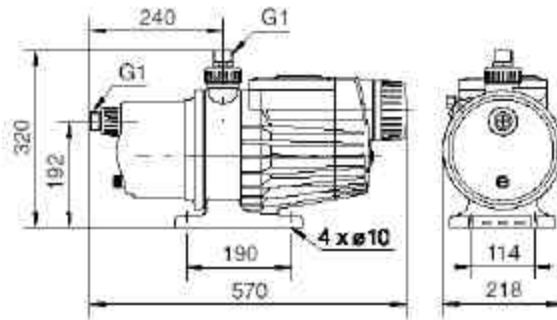
➤ Material specification



➤ Components

- 1 Composite suction port
- 2 Composite discharge port
- 3 Pressure tank with rubber diaphragm
- 4 Composite impeller
- 5 Composite chamber
- 6 Composite motor stool with base plate
- 7 Stainless steel clamp
- 8 Motor with stainless steel cooling sleeve
- 9 Carbon/ceramics shaft seal
- 10 Composite non-return valve
- 11 Stainless steel shaft
- 12 Composite self-priming valve
- 13 Pressure switch
- 14 Flow sensor
- 15 Composite self-priming part
- 16 Composite drain plug
- 17 Composite priming plug
- 18 Stainless steel pump sleeve
Rubber O-rings

➤ Dimensions and weights



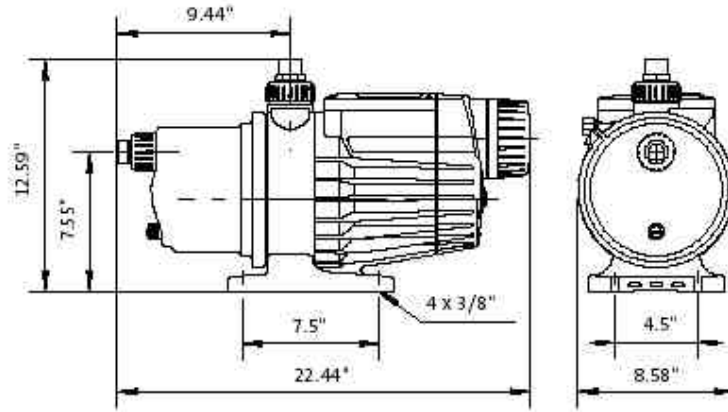
PUMP TYPE	VOLTAGE	I [A]	I _{max} [A]	P _i [W]	Net weight [kg]
MO 1-15	1 x 220-240 V	4.0	11.7	550	14.0
MO 1-45	1 x 220-240 V	4.5	11.7	670	13.0

Pumped liquid

Potable water, rainwater or other thin, clean, non-aggressive and non-explosive liquids without solid particles or fibres.

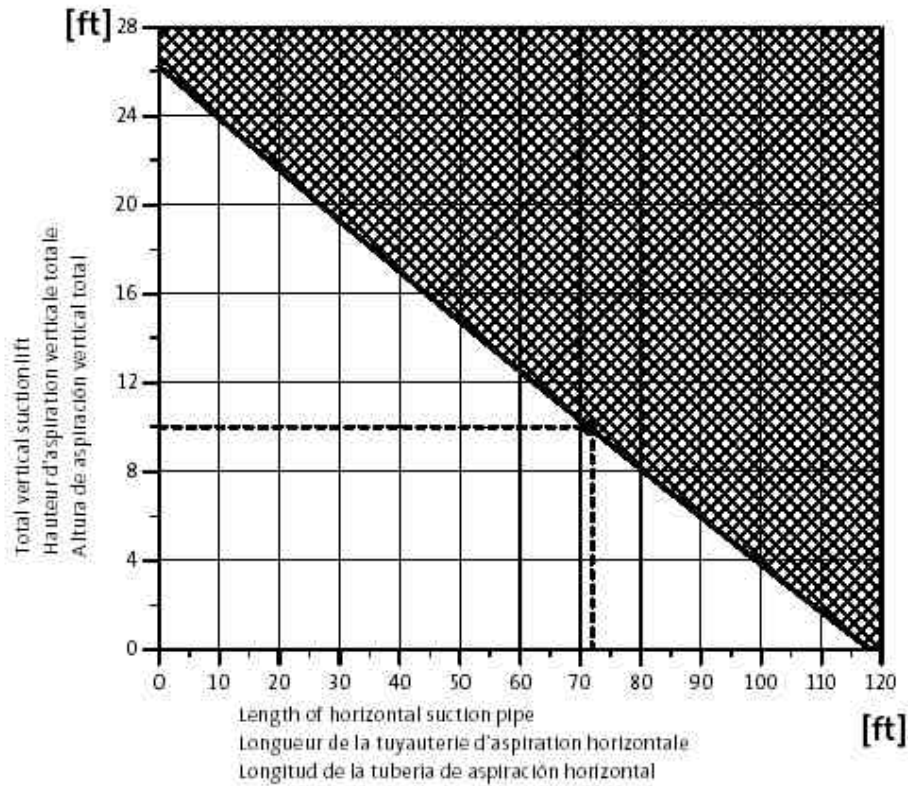
OPERATING CONDITIONS	
System pressure	max. 35 bar
Inlet pressure	max. 3 bar
Suction lift	max. 8 m
Liquid temperature	0°C to +35°C
Ambient temperature	0°C to +45°C

TECHNICAL DATA	
Enclosure class	IP 54
Insulation class	F
Marking	CE



TM019799 3300

Suction lift/suction pipe



TM02 8327 4903

For more info, contact:
 The Rain Well
 817-676-4440
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