

Company name: Created by: Phone: Fax: -

Position	Count	Description	Unit price
	-1	MQ3-45 A-B-A-BVBP	On
			request

Date:



Product photo could vary from the actual product

Product No.: 96860207

## Complete system

The MQ is a complete, all-in-one unit, incorporating pump, motor, diaphragm tank, pressure and flow sensor, controller and non-return valve.

The controller ensures that the pump starts automaticly when water is consumed and stops automaticly when consumption ceases. In addition, the controller protects the pump in case of faults.

#### Installation

Due to its compact design, the pump does not take up much space and is easy to install. No space around the pump is required.

### Simple operation

The pump features a user-friendly control panel with ON/OFF button and indicator lights to show the operational state of the pump.

#### Self-priming pump

As it is self-priming, the MQ is able to pump water from a level below the pump. Provided it is filled with water, the pump is able to lift water from a depth of 26 ft in less than 5 minutes. This facilitates installation and start-up of the pump and provides more reliable water supply in installations where there is a risk of dry running or leakages in suction hose or pipes.

### Built-in protective functions

If exposed to dry running or excessive temperature, for example in case of seizure or overload, the pump will stop automaticly, thus preventing a motor burnout.

#### Automatic reset

The pump features an automatic reset function. In case of dry running or similar alarm, the pump will stop. Restarting will be attempted every 30 minutes for a period of 24 hours. The reset function can be deactivated.

#### Low noise level

Thanks to its hydraulic design and internal cooling, the pump is extremely low-noise, which makes it suitable for indoor and outdoor use.

#### Pressure tank

The built-in pressure tank reduces the number of starts and stops in case of leakages in the pipe system, causing less wear on the pump.

Maintenance



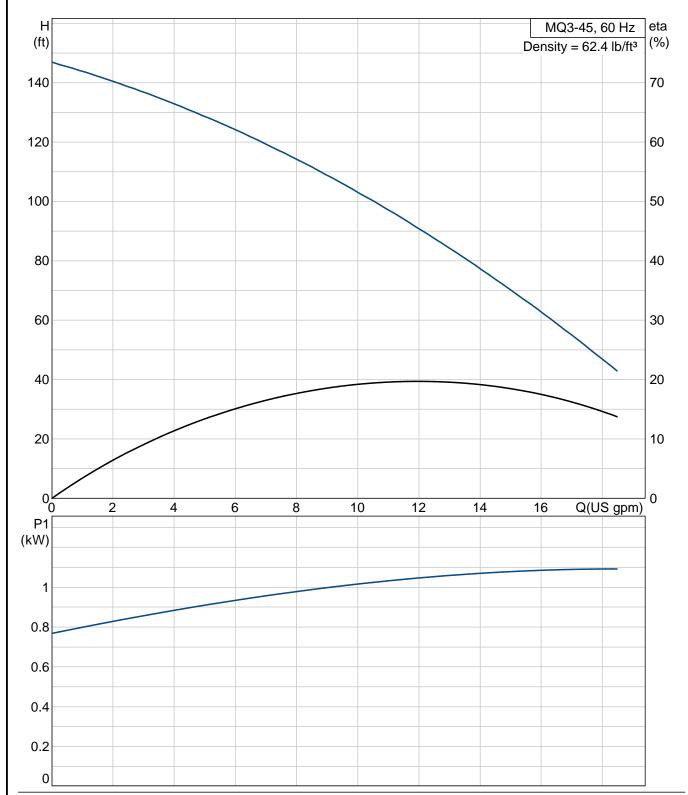
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sition	Count	Description		Unit prid
		No maintenance of the pump is required.		
		Liquid: Liquid temperature range:	32 95 °F	
		Density:	62.4 lb/ft <sup>3</sup>	
		Donoity.	02. I 16/11	
		Technical:		
		Rated flow:	13.2 US gpm	
		Rated head: Shaft seal:	91.9 ft BVBP	
		Approvals on nameplate:	CSACUS	
		, ipprovate on nameptate.	05/1000	
		Materials:		
		Pump housing:	POM + 25% glass fiber	
		Impeller: Installation:	PPO + 20% glass fiber-PTFE	
		Range of ambient temperature:	32 113 °F	
		Maximum operating pressure:	109 psi	
		Pipe connection:	1" NPT	
		Electrical data:		
		Power input - P1:	1000 W	
		Main frequency:	60 Hz	
		Rated voltage:	1 x 220-240 V	
		Rated current:	4.5 A	
		Enclosure class (IEC 34-5):	54	
		Insulation class (IEC 85): Length of cable:	B 6.56 ft	
		Type of cable plug:	NEMA	
		Typo of oable plag.	NEW C	
		Others:		
		Net weight:	28.7 lb	
		Gross weight:	34.2 lb	
		Shipping volume:	1.94 ft³	



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# 96860207 MQ3-45 60 Hz



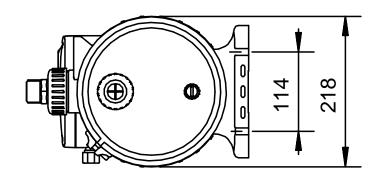


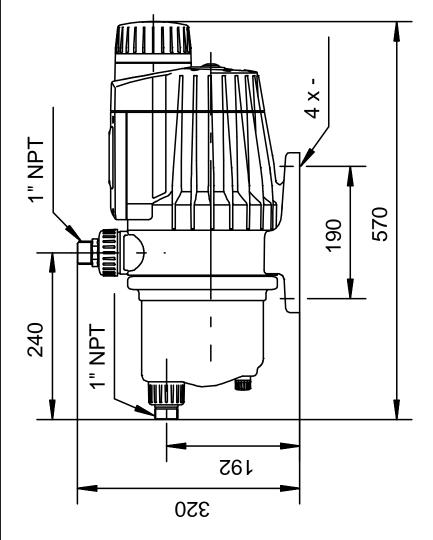
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Note! All units are in [mm] unless others are stated. Disclaimer: This simplified dimensional drawing does not show all details.