



Company name: ASC Water Tanks
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Date: 07/12/2021

Qty. Description

1 JP 5-48 PM1 A-A-BBVP



Note! Product picture may differ from actual product

Product No.: [99463901](#)

Grundfos JP 5-48 PM1 booster consists of a Grundfos JP pump and a pressure manager.
The JP 5-48 PM1 provides the comfort of constant water pressure with automatic start and stop matched to consumption by the intelligent pressure manager.
The pressure manager starts the pump at 1.5 bar and the pump keeps running as long as there is flow.

The design is robust and built upon corrosion-free materials to ensure a long lifetime.
This booster set ensures optimum self-priming properties, featuring a suction-lift up to 8 meters.
The self-priming pump also ensures a stable operation as it is able to lift liquid from below the inlet level and can handle a mix of air and liquid until the pump reaches a fully-primed pumping condition.

The JP 5-48 PM1 incorporates dry running protection that automatically stops the pump in case of dry running. This means lower risk of pump damage and lower maintenance costs.
The anti-cycling function will stop the pump in time in case of a minor leakage in the system, or if a tap has not been closed completely.
When cycling occurs, the pump stops, and an alarm will be indicated.
A non-return valve for backflow prevention is already integrated.

The JP pump has built-in thermal protection, which immediately stops the pump if it overheats. The motor is air cooled and equipped with oversized, sealed, greased-for-life ball bearings to ensure silent operation and minimum service.

Liquid:
Pumped liquid: Water
Liquid temperature range: 0 .. 40 °C
Selected liquid temperature: 20 °C
Density: 998.2 kg/m³

Technical:
Rated flow: 83.33 l/min
Rated head: 45.6 m
Primary shaft seal: BBVP
Approvals: CE,WM,C-TICK
Curve tolerance: ISO9906:2012 3B
Adjustable start pressure: N
Start pressure: 150 kPa
Rated driver speed: 2800 rpm

Materials:
Pump housing: Stainless steel
EN 1.4301



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Qty.	Description
	Impeller: AISI 304 Composite
	Installation:
	Minimum ambient temperature: 0 °C
	Max. ambient: 40 °C
	Maximum operating pressure: PN 6 bar
	Pump inlet: G 1
	Pump outlet: G 1
	Electrical data:
	Power input - P1: 1490 W
	Rated power - P2: 1.014 kW
	Mains frequency: 50 Hz
	Rated voltage: 1 x 230 V
	Rated current: 6.6 A
	Starting current: 27.9 A
	Capacitor size - run: 25 µF/450 V
	Enclosure class (IEC 34-5): IP44
	Insulation class (IEC 85): F
	Length of cable: 1.5 m
	Type of cable plug: AUS
	Others:
	Net weight: 14 kg
	Gross weight: 15 kg
	Country of origin: CN
	Custom tariff no.: 8413709062