

**Qty. Description**

1 JP 5-48 PT-H BBVP



Note! Product picture may differ from actual product

Product No.: [99463877](#)

Grundfos JP 5-48 PT-H consist of a Grundfos JP pump, a pressure switch, a pressure gauge and a Grundfos GT-H 20-litre horizontal diaphragm pressure tank. The booster set features a dual outlet selection for easy installation and a pressure tank to reduce water hammer in the pipework.

The JP 5-48 PT-H provides the comfort of constant water pressure with automatic start and stop. This is controlled by the pressure switch and pressure tank combined ensuring optimal start/stop of the booster set according to demand. The pressure tank limits the number of start/stop routines, as water stored in the tank can be used without starting the pump in cases of low water consumption or leakage loss. The cut-in pressure is set to 2.2 bar.

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 is it 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 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/m<sup>3</sup>

**Technical:**

Rated flow: 5 m<sup>3</sup>/h  
 Rated head: 45.6 m  
 Primary shaft seal: BBVP  
 Curve tolerance: ISO9906:2012 3B  
 Adjustable start pressure: Y  
 Start pressure: 1.0 - 5.0 bar  
 Rated driver speed: 2800 rpm

**Materials:**

Pump housing: Stainless steel  
 EN 1.4301  
 AISI 304

Qty.	Description
	Impeller: Composite
	<b>Installation:</b>
	Minimum ambient temperature: 0 °C
	Maximum ambient temperature: 40 °C
	Maximum operating pressure: PN 6 bar
	Pump inlet: G 1
	Pump outlet: G 1
	<b>Electrical data:</b>
	Power input - P1: 1490 W
	Mains frequency: 50 Hz
	Rated voltage: 1 x 230 V
	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: SCHUKO
	<b>Tank:</b>
	Volume of pressure tank: 20 l
	<b>Others:</b>
	Net weight: 18 kg
	Gross weight: 21 kg
	Swedish RSK No.: 5928697
	Finnish LVI No.: 4732542
	Norwegian NRF no.: 9040042
	Approvals: CE,EAC

Description	Value
<b>General information:</b>	
Product name:	JP 5-48 PT-H BBVP
Product No:	99463877
EAN number:	5713829542471
	5713829542471
<b>Technical:</b>	
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Rated head:	45.6 m
Primary shaft seal:	BBVP
Curve tolerance:	ISO9906:2012 3B
Adjustable start pressure:	Y
Start pressure:	1.0 - 5.0 bar
Rated driver speed:	2800 rpm
<b>Materials:</b>	
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Impeller:	Composite
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Maximum ambient temperature:	40 °C
Maximum operating pressure:	PN 6 bar
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