Submittal Data

PROJECT:	UNIT TAG:	QUANTITY:
	TYPE OF SERVICE:	
REPRESENTATIVE:	SUBMITTED BY:	DATE:
ENGINEER:	APPROVED BY:	DATE:
CONTRACTOR:	ORDER NO.:	DATE:

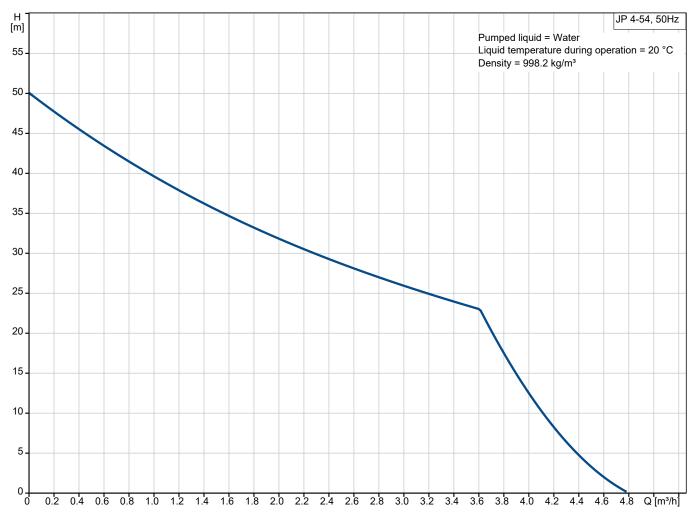


JP 4-54

JP is a self-priming, single-stage centrifugal pump with stainless-steel pump housing. JP is designed for a wide range of garden and domestic applications.

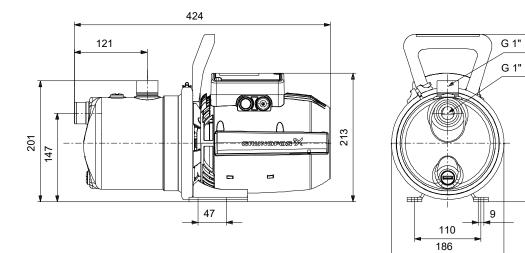
Note! Product picture may differ from actual product

Conditions of Service		Pump Data		Motor Data	
Liquid:	Water	Liquid temperature range:	0 40 °C	Mains frequency:	50 Hz
Temperature:	20 °C	Maximum ambient temperature:	40 °C	Enclosure class:	IP44
Specific Gravity:	1.000	Shaft seal:	BBVP		
		Product number:	On request		



Submittal Data

278



Materials:

Pump housing:	Stainless steel		
Pump housing:	AISI 304		
Impeller:	Composite		
Material code:	S		



Qty. Description

1



Note! Product picture may differ from actual product

Product No.: On request

Grundfos JP 4-54 is a self-priming single-stage centrifugal jet pump with axial inlet and radial outlet for easy adaption to local piping system. The JP pump is ideal for transferring water from wells or ground tanks in a large variety of installations and it has excellent suction capacity.

The JP pump is designed for a long and trouble-free operation. The overall design is robust with excellent corrosion resistance ensured by the stainless steel pump housing, composite impeller and paint application by electrophoresis.

JP is small and compact with a lifting handle that makes the pump handy and easy to carry.

The compact pump features a build in ejector with guide vanes.

This 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.

Controls: Type of connector:	Type E/F (CEE7/7)
Liquid: Pumped liquid: Liquid temperature range: Selected liquid temperature: Density:	Water 0 40 °C 20 °C 998.2 kg/m³
Technical: Rated flow: Rated head: Code for shaft seal: Approvals: Curve tolerance: Rated speed:	4 m³/h 22.72 m BBVP CE,EAC ISO9906:2012 3B 2840 rpm
Materials: Pump housing: Impeller:	Stainless steel EN 1.4301 AISI 304 Composite PPO-20GF
Installation:	

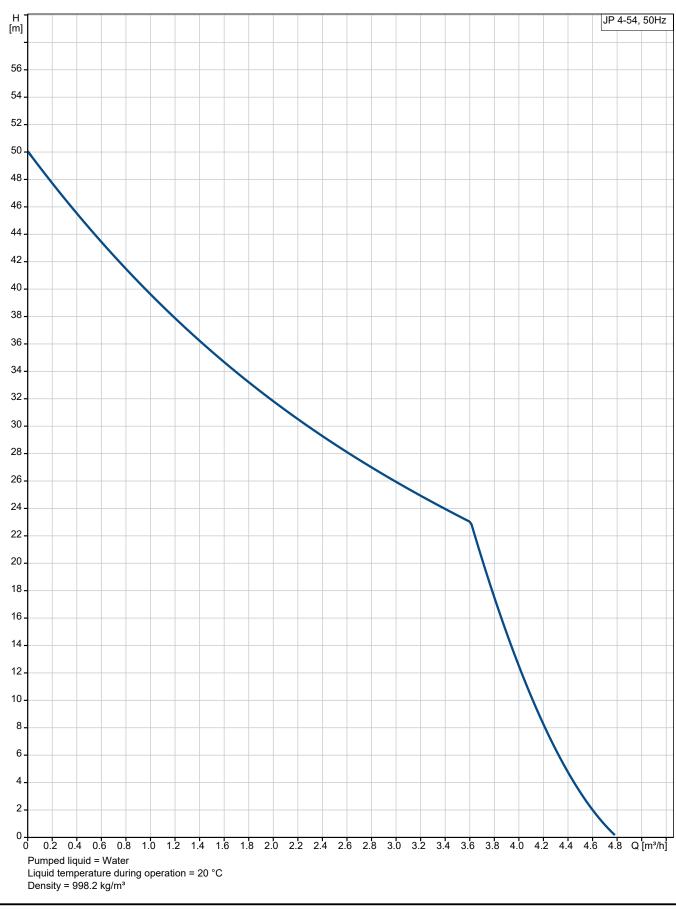


Company name:	AI Mawared Engineering & Trading S.A.E (MET)
Created by:	Mostafa Mohamed
Phone:	02 26421242 - 01223033998
Email:	info@met-eg.com - Almawared@link.net
Date:	08/10/2023

Qty.	Description	
1	Range of ambient temperature:	0 40 °C
	Maximum operating pressure:	6 bar
	Maximum permissible inlet press	ure: 1 bar
	Pipe connection standard:	ISO 228-1
	Pump inlet:	G1
	Pump outlet:	G1
	Pressure rating for connection:	PN 6
	Electrical data:	
	Power input P1:	1020 W
	Rated power - P2:	0.75 kW
	Mains frequency:	50 Hz
	Rated voltage:	1 x 220-240 V
	Rated current:	4.5 A
	Starting current:	16.9 A
	Rated speed:	2840 rpm
	Capacitor size - run:	35 µF/450 V
	Enclosure class (IEC 34-5):	IP44
	Insulation class (IEC 85):	F
	Length of cable:	1.5 m
	Power plug:	SCHUKO
	Others:	
	Net weight:	10 kg
	Gross weight:	14 kg
	5	0.026 m^3
	Shipping volume:	
	Finnish LVI No.:	4732537
	Environmental approvals:	WEEE



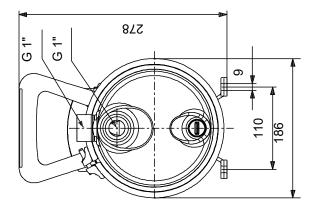
On request JP 4-54 50 Hz

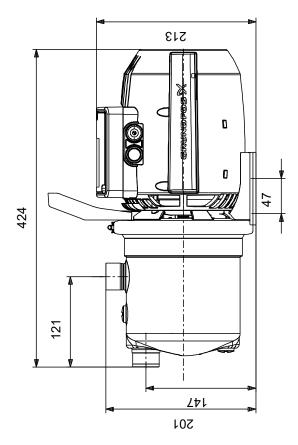


GRUNDFO	os X	Created by: Phone: Email: Date:	ne: 02 26421242 - 01223033998 il: info@met-eg.com - Almawared@link.net		
Description	Value	H [m]		JP 4-54, 50Hz	
General information:	Value				
Product name:	JP 4-54	55 -			
Product No:	On request	_			
EAN number:	On request	50 -			
Technical:	Uniequesi	$ \mathbf{N}$ $ $ $ $			
Rated flow:	4 m³/h	45			
Rated flow: Rated head:	4 m³/n 22.72 m	40			
Rated head: Maximum head:	22.72 m 51.8 m	- $ $			
	51.8 m BBVP	40			
Code for shaft seal:		_			
Approvals:	CE,EAC	35			
Curve tolerance:	ISO9906:2012 3B				
Model:	A	30 -			
Rated speed:	2840 rpm	30 -			
Materials:					
Pump housing:	Stainless steel	25		\searrow + + + +	
Pump housing:	EN 1.4301				
Pump housing:	AISI 304	20 -			
Impeller:	Composite				
Impeller:	PPO-20GF	AE			
Material code:	S	15			
Installation:		-			
Range of ambient temperature:	0 40 °C	10		├ \ \ 	
Maximum operating pressure:	6 bar	-			
Maximum permissible inlet pressure:	1 bar	5			
Pipe connection standard:	ISO 228-1	- 1		\top \mathbf{X}	
Pump inlet:	G1				
Pump outlet:	G1	0 0.5 1.0	1.5 2.0 2.5 3	3.0 3.5 4.0 4.5 Q [m³/h	
Pressure rating for connection:	PN 6	Pumped liquid = W		-	
Liquid:		Liquid temperature	e during operation = 20 °C		
Pumped liquid:	Water	Density = 998.2 kg	//m³		
Liquid temperature range:	0 40 °C				
Selected liquid temperature:	20 °C				
Density:	998.2 kg/m ³		424		
Electrical data:	990.2 Kg/m	121		G 1"	
Power input P1:	1020 W		1 (/		
Rated power - P2:	0.75 kW				
Mains frequency:	50 Hz			K A M	
Rated voltage:	1 x 220-240 V				
Rated current:	4.5 A		47	110 9	
Starting current:	16.9 A				
Rated speed:	2840 rpm				
Capacitor size - run:	35 µF/450 V				
Enclosure class (IEC 34-5):	IP44				
Insulation class (IEC 85):	F				
Length of cable:	1.5 m				
Power plug:	SCHUKO				
Cable:	Y				
Controls:		ROSSO-RED		CONDENSATORE CAPACITOR	
Presscontrol:	without press control				
Switch:	on/off switch not included	BLU-BLUE	<u>_</u> _		
Type of connector:	Type E/F (CEE7/7)		╡ └─]	
Others:		NERO-BLACK	· · ·		
Net weight:	10 kg				
Gross weight:	-				
-	14 kg				
Shipping volume:	0.026 m ³				
Finnish LVI No.:	4732537		\bigotimes	$\overline{(\mathbf{x})}$	
Environmental approvals:	WEEE				

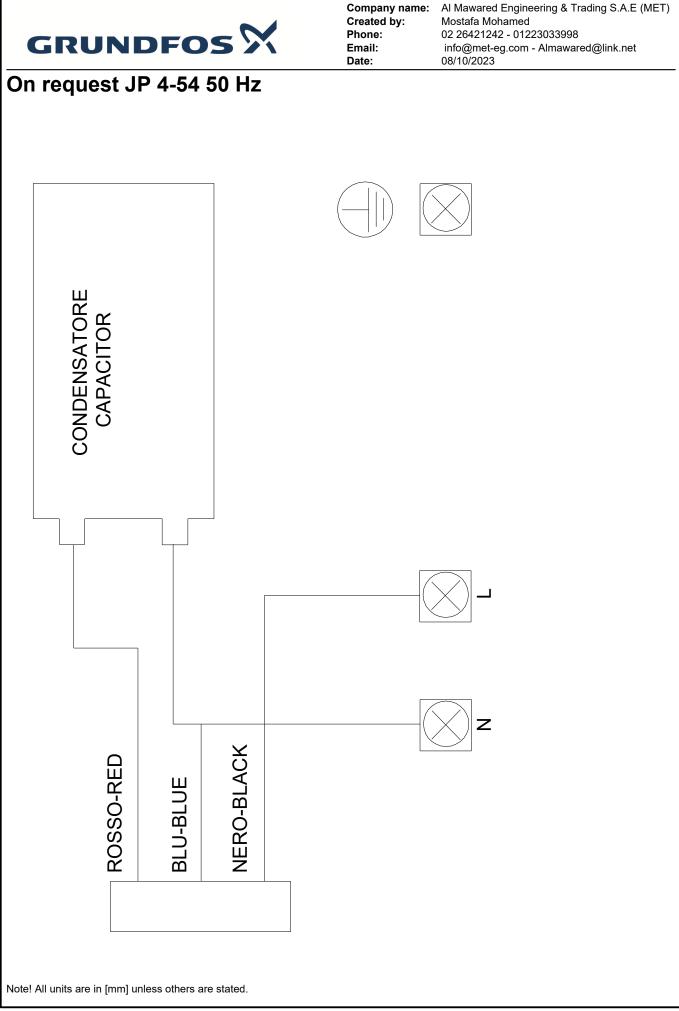


On request JP 4-54 50 Hz





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





Order Data:

	Order Data:						
Position	Your pos.	Product name	Amount	Product No	Total		
		JP 4-54	1	On request	Price on request		
			1		0/0		