

Submittal Data

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

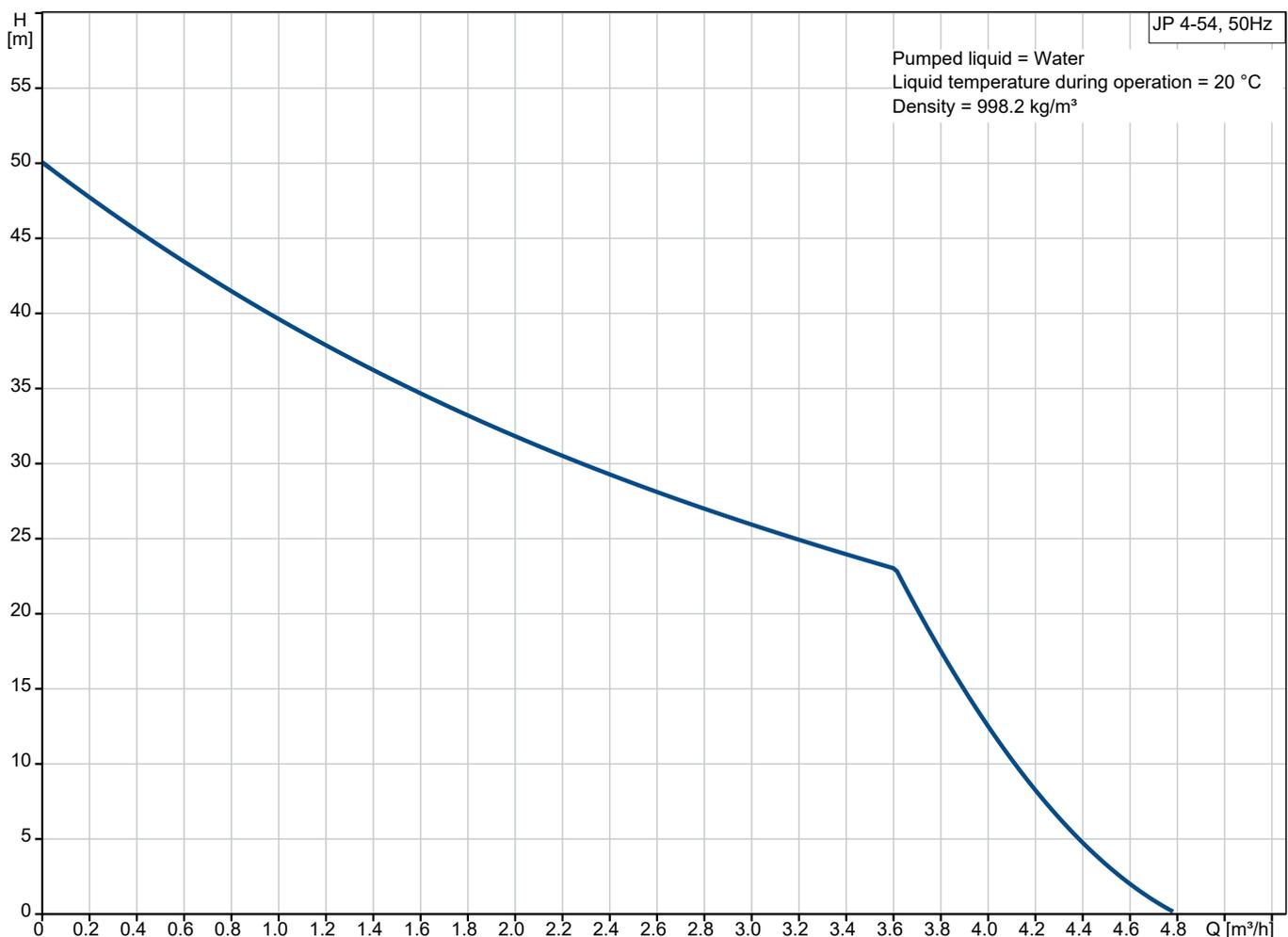


JP 4-54

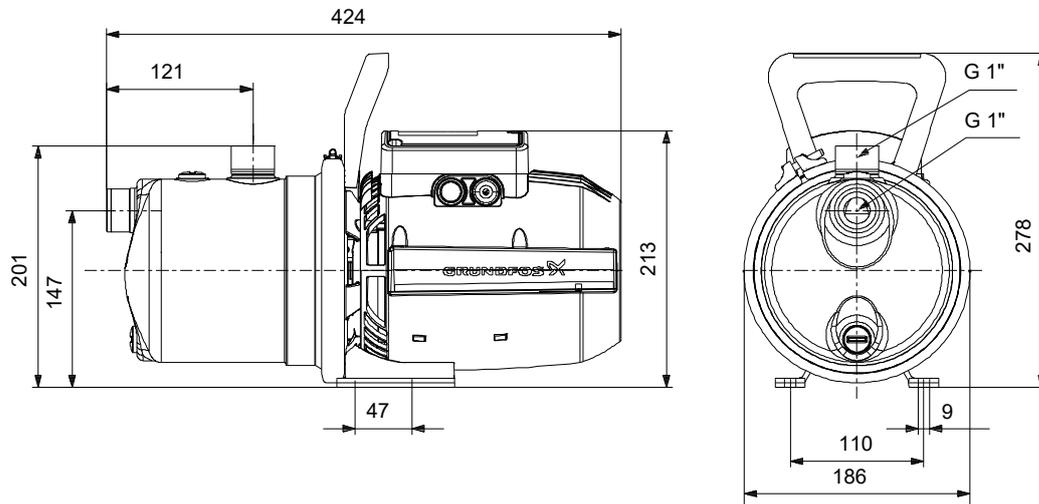
JP is a self-priming, single-stage centrifugal pump with stainless-steel pump housing. JP is designed for a wide range of garden and domestic applications.

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



Materials:

Pump housing: Stainless steel

Pump housing: AISI 304

Impeller: Composite

Material code: S

Qty. Description

1 **JP 4-54**



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

Technical:

Rated flow: 4 m³/h
 Rated head: 22.72 m
 Code for shaft seal: BBVP
 Approvals: CE,EAC
 Curve tolerance: ISO9906:2012 3B
 Rated speed: 2840 rpm

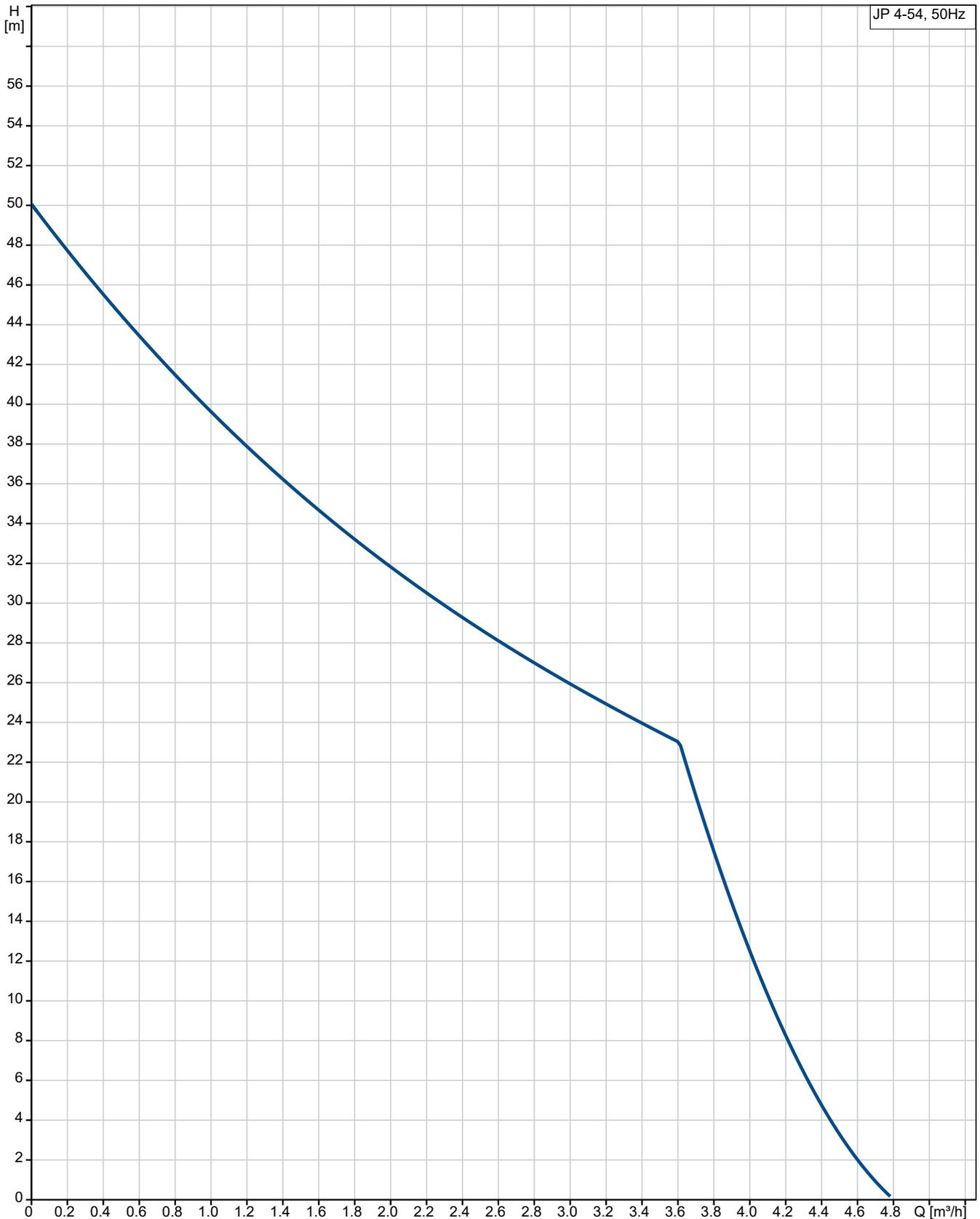
Materials:

Pump housing: Stainless steel
 EN 1.4301
 AISI 304
 Impeller: Composite
 PPO-20GF

Installation:

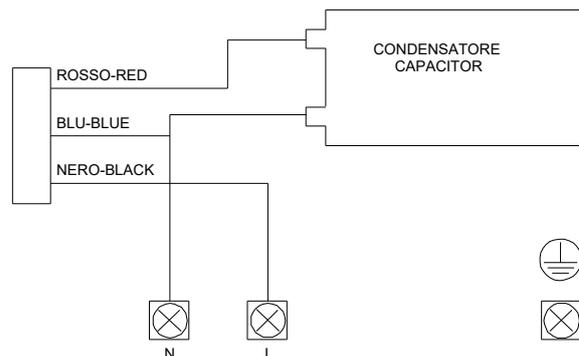
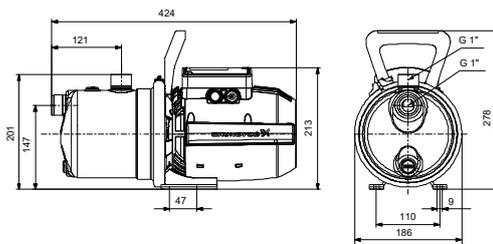
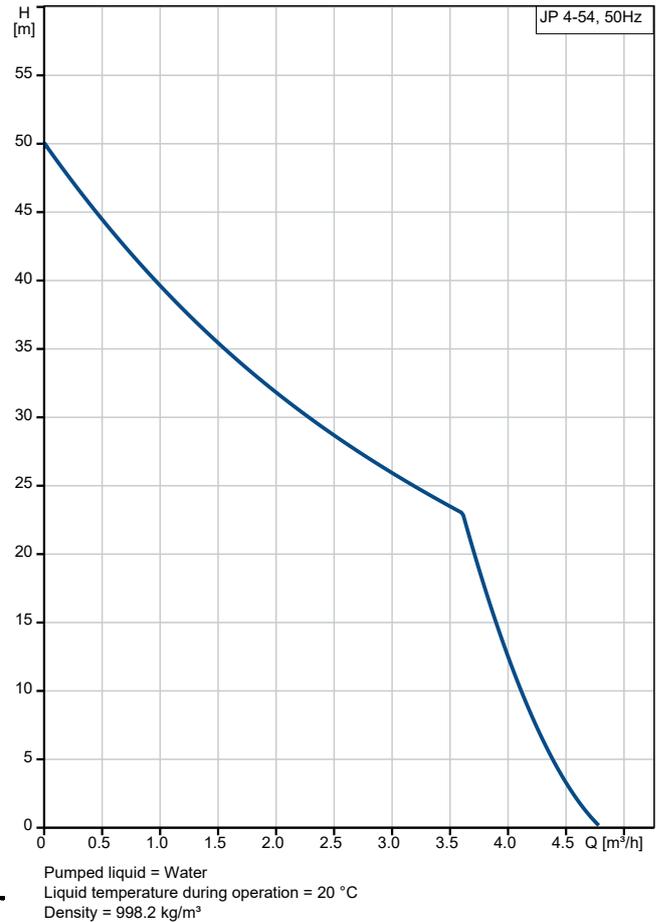
Qty.	Description
1	<p>Range of ambient temperature: 0 .. 40 °C Maximum operating pressure: 6 bar Maximum permissible inlet pressure: 1 bar Pipe connection standard: ISO 228-1 Pump inlet: G1 Pump outlet: G1 Pressure rating for connection: PN 6</p> <p>Electrical data: Power input P1: 1020 W Rated power - 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</p> <p>Others: Net weight: 10 kg Gross weight: 14 kg Shipping volume: 0.026 m³ Finnish LVI No.: 4732537 Environmental approvals: WEEE</p>

On request JP 4-54 50 Hz

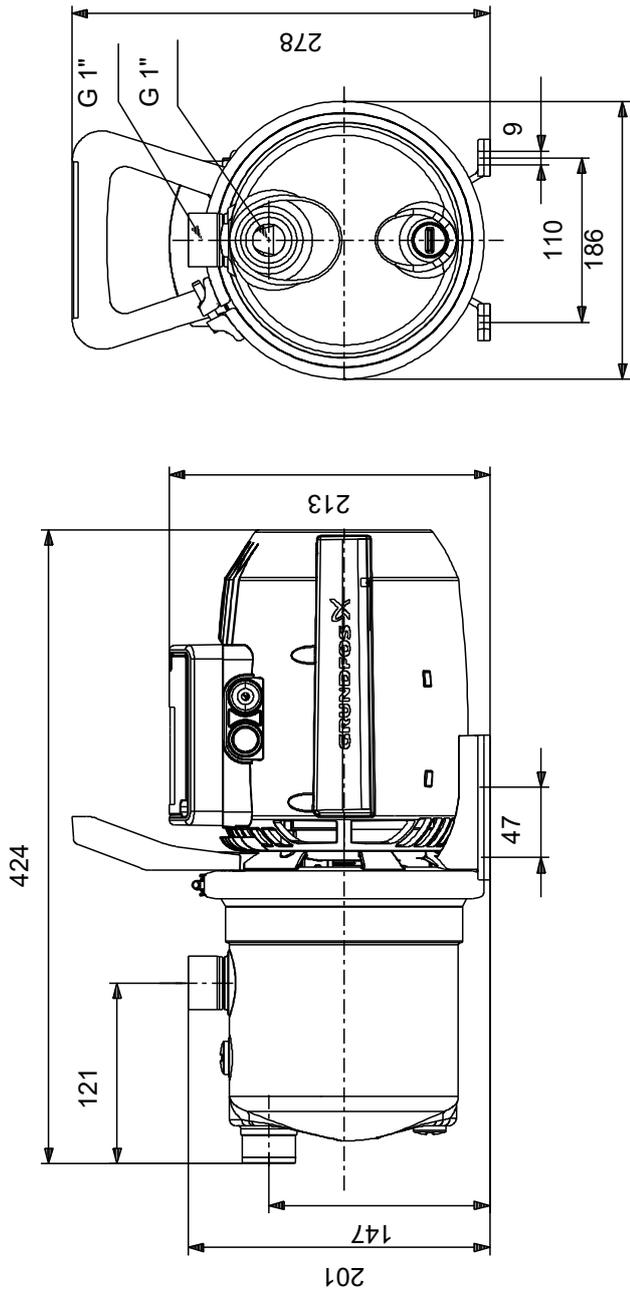


Pumped liquid = Water
Liquid temperature during operation = 20 °C
Density = 998.2 kg/m³

Description	Value
General information:	
Product name:	JP 4-54
Product No:	On request
EAN number:	On request
Technical:	
Rated flow:	4 m ³ /h
Rated head:	22.72 m
Maximum head:	51.8 m
Code for shaft seal:	BBVP
Approvals:	CE,EAC
Curve tolerance:	ISO9906:2012 3B
Model:	A
Rated speed:	2840 rpm
Materials:	
Pump housing:	Stainless steel
Pump housing:	EN 1.4301
Pump housing:	AISI 304
Impeller:	Composite
Impeller:	PPO-20GF
Material code:	S
Installation:	
Range of ambient temperature:	0 .. 40 °C
Maximum operating pressure:	6 bar
Maximum permissible inlet pressure:	1 bar
Pipe connection standard:	ISO 228-1
Pump inlet:	G1
Pump outlet:	G1
Pressure rating for connection:	PN 6
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	0 .. 40 °C
Selected liquid temperature:	20 °C
Density:	998.2 kg/m ³
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
Cable:	Y
Controls:	
Presscontrol:	without press control
Switch:	on/off switch not included
Type of connector:	Type E/F (CEE77)
Others:	
Net weight:	10 kg
Gross weight:	14 kg
Shipping volume:	0.026 m ³
Finnish LVI No.:	4732537
Environmental approvals:	WEEE

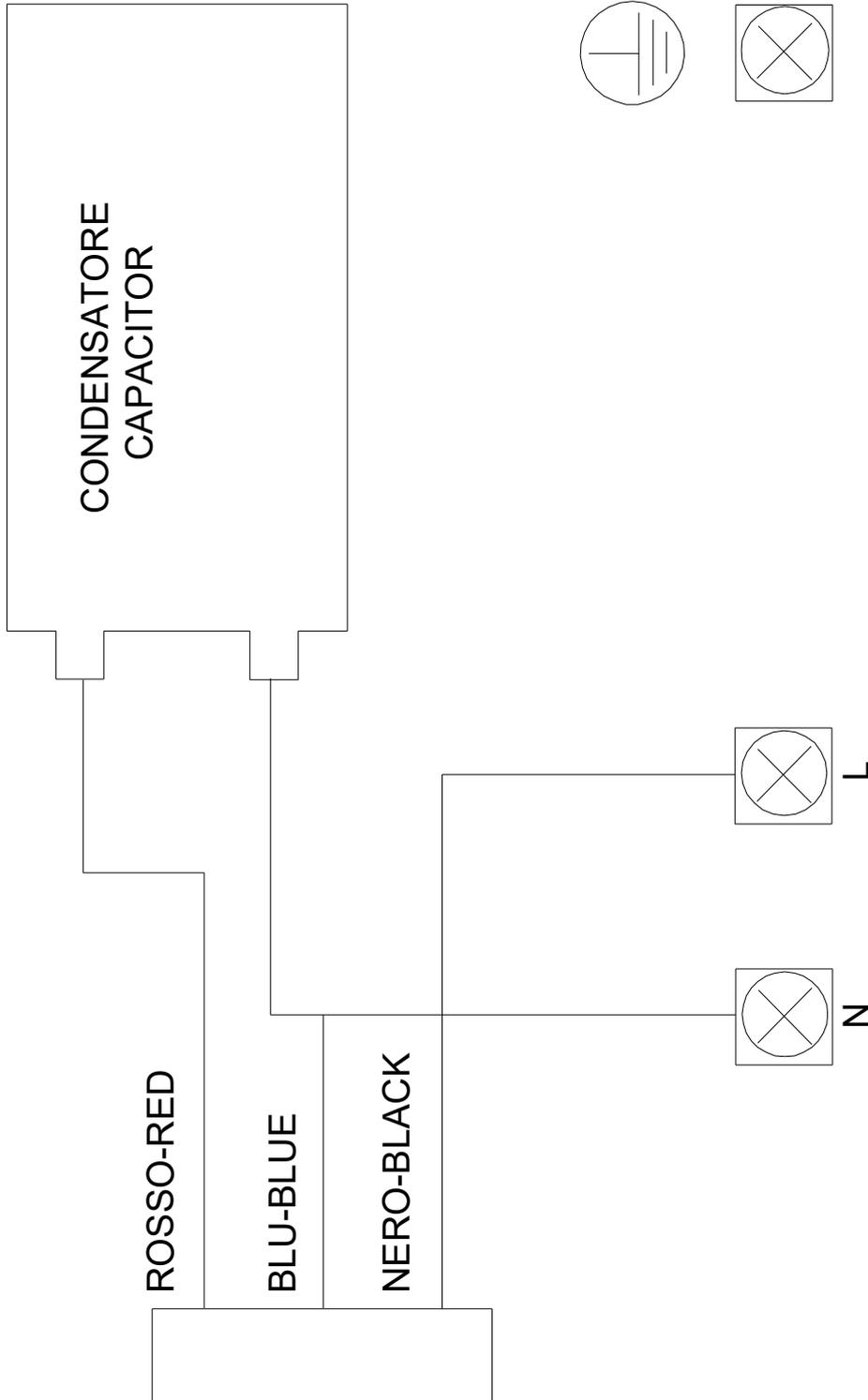


On request JP 4-54 50 Hz



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

On request JP 4-54 50 Hz



Note! All units are in [mm] unless others are stated.

