

Grundfos 52722512

Grundfos 52722512 3-Speed Circulator Pump with Flow Check Instruction Manual

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient installation, operation, and maintenance of the Grundfos UPS26-99FC 3-Speed Circulator Pump, model 52722512. This cast iron circulator pump features a built-in flow check and is designed for closed-loop heating systems, including radiant, hydronic, radiator, and fan coil applications. Its three-speed settings (Low/Medium/High) offer versatility for various heating demands. An integrated automatic resetting thermal protection mechanism ensures motor safety and extends the pump's operational life.



Figure 1: Grundfos 52722512 3-Speed Circulator Pump. A red cast iron circulator pump with a black electrical housing on the left side. The pump body has 'Grundfos Circulation Pump' and model details printed on it, along with a 'WITH CHECK VALVE' indicator.

2. SAFETY INFORMATION

Read all instructions carefully before installation and operation. Failure to follow these instructions may result in serious injury, property damage, or death. This pump is intended for indoor use only.

- **Electrical Safety:** Ensure power is disconnected at the main circuit breaker before any installation, maintenance, or service. All electrical wiring must be performed by a qualified electrician and comply with local codes and regulations.
- **Hot Surfaces:** The pump and connected piping can become hot during operation. Allow components to cool before handling.
- **Pressure:** Heating systems operate under pressure. Depressurize the system before opening any connections.

- **Water Damage:** Be prepared for potential water leakage during installation or maintenance.
- **Lifting:** The pump has a weight of approximately 4.84 pounds (2.2 kg). Lift with care to prevent injury.

3. PRODUCT FEATURES

- 1/6 horsepower motor.
- Flow Range: 0-33 Gallons Per Minute (GPM).
- Head Range: 0-29 feet.
- Motors: 2 Pole, Single Phase, 115-Volt.
- Connections: Flanged 1/2-Inch, 3/4-Inch, 1-Inch, 1-1/4-Inch.
- Maintenance-free design.
- Low energy consumption.
- Easy to install.
- Quiet running operation.
- Built-in flow check valve eliminates the need for a separate in-line check valve.
- Automatic resetting thermal protection for motor safety.

4. SPECIFICATIONS

Attribute	Value
Model Number	52722512 (UPS26-99FC)
Brand	Grundfos
Horsepower	1/6 HP (0.16 HP)
Voltage	115 Volts
Wattage	150 Watts
Maximum Flow Rate	33 GPM
Maximum Lifting Height (Head)	29 Feet
Material	Cast Iron
Product Dimensions	6"L x 6"W x 6.5"H
Item Weight	4.84 pounds (2.2 Kilograms)
Power Source	Corded Electric
Included Components	GF 52722512

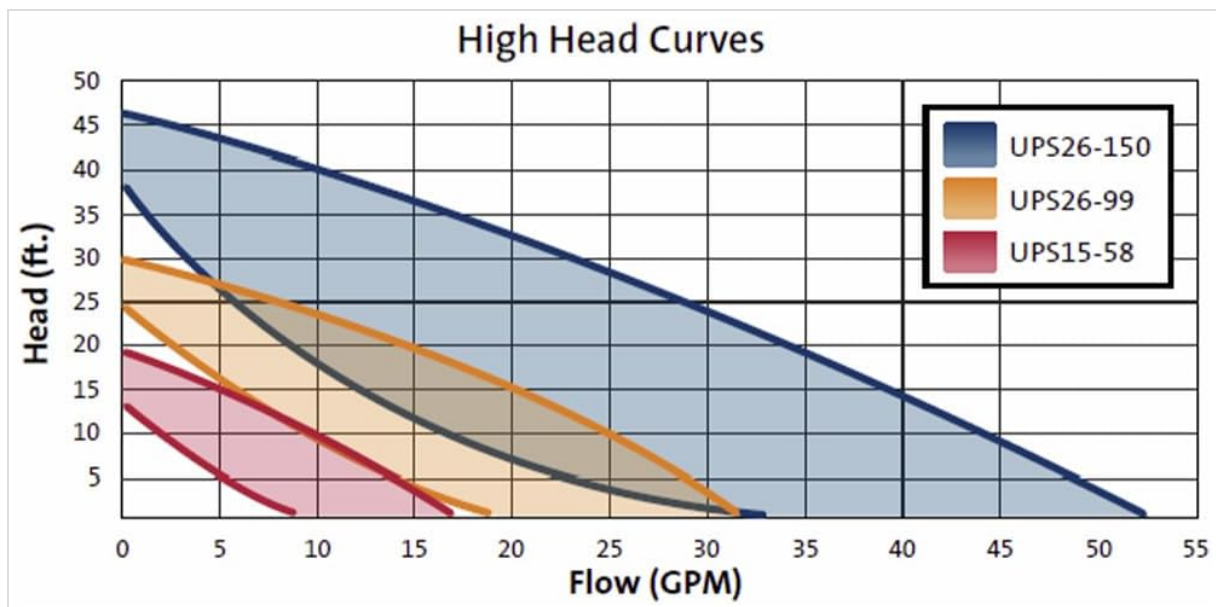


Figure 2: High Head Curves. This graph illustrates the performance characteristics of various Grundfos circulator pumps, including the UPS26-99, showing the relationship between flow rate (GPM) and head (feet).

5. INSTALLATION

Installation should be performed by qualified personnel in accordance with all applicable local and national codes. Ensure the system is depressurized and cooled before beginning.

1. **System Preparation:** Turn off the heating system and allow it to cool. Close isolation valves to isolate the section where the pump will be installed. Drain the system water from this section.
2. **Mounting:** The pump should be installed in a horizontal position with the motor shaft horizontal to ensure proper lubrication and cooling. Use appropriate flanges for connection to the piping system (1/2-inch, 3/4-inch, 1-inch, or 1-1/4-inch).
3. **Electrical Connection:** Connect the pump to a dedicated 115-volt, single-phase electrical supply. Ensure proper grounding. Refer to the wiring diagram inside the terminal box cover.
4. **Priming:** After installation and before starting, slowly refill the system with water. Vent any air from the pump and system to ensure proper priming. The built-in flow check valve will automatically open with flow.
5. **Leak Check:** Inspect all connections for leaks after refilling the system and before restoring power.

6. OPERATION

The Grundfos 52722512 circulator pump is designed for continuous operation within its specified parameters. It features three selectable speeds to match system requirements.

- **Speed Selection:** The pump has a switch or dial to select between Low, Medium, and High speeds. Choose the appropriate speed based on the system's flow and head requirements. Higher speeds provide greater flow and head, while lower speeds consume less energy.
- **Flow Check Valve:** The integrated flow check valve prevents gravity circulation when the pump is off, improving system efficiency. It operates automatically and does not require manual adjustment.
- **Initial Start-up:** After installation and priming, restore power to the pump. The pump should start circulating water. Listen for unusual noises, which may indicate air in the system or an obstruction.

7. MAINTENANCE

The Grundfos 52722512 circulator pump is designed to be maintenance-free under normal operating conditions. However, periodic checks can help ensure optimal performance and longevity.

- **Annual Inspection:** Annually inspect the pump for any signs of external leaks, corrosion, or unusual noises during operation.
- **System Water Quality:** Ensure the heating system water quality is maintained according to manufacturer recommendations to prevent internal corrosion or scaling that could affect pump performance.
- **Cleaning:** Keep the exterior of the pump clean and free from dust or debris to ensure proper motor cooling.
- **No Lubrication Required:** The pump is factory-lubricated and does not require additional lubrication.

8. TROUBLESHOOTING

If the pump is not operating correctly, perform the following basic checks. For complex issues, contact a qualified service technician.

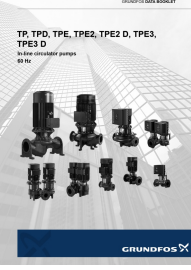
Problem	Possible Cause	Solution
Pump does not start	No electrical power; Blown fuse/tripped breaker; Motor seized	Check power supply and circuit breaker; Consult a qualified electrician; Contact service technician.
No water circulation	Air in system/pump; Closed isolation valves; Pump impeller blocked	Vent air from system; Open all isolation valves; Contact service technician.
Excessive noise/vibration	Air in system; Cavitation; Improper mounting; Worn bearings	Vent air from system; Ensure adequate system pressure; Check mounting for stability; Contact service technician.
Pump leaks	Loose connections; Damaged seals	Tighten connections; Contact service technician for seal replacement.

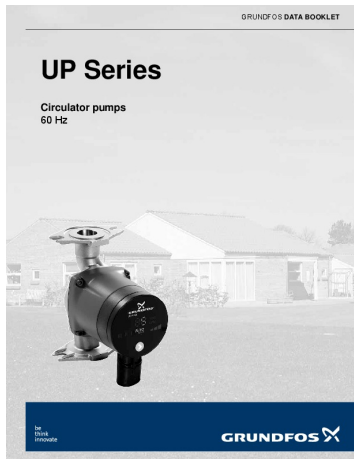
9. WARRANTY AND SUPPORT

The Grundfos 52722512 circulator pump is covered by a warranty of **2 years from the date of installation**. This warranty covers defects in materials and workmanship under normal use and service.

For warranty claims, technical assistance, or to locate an authorized service center, please contact Grundfos customer support. Keep your purchase receipt and installation date records for warranty purposes.

For further information, you may visit the official Grundfos website or consult your local Grundfos representative.

	Grundfos TP, TPD, TPE, TPE2, TPE2 D, TPE3, TPE3 D Series In-line Circulator Pumps Data Booklet Comprehensive data booklet for Grundfos TP, TPD, TPE, TPE2, TPE2 D, TPE3, TPE3 D in-line circulator pumps. Details performance, applications, installation, controls, and technical specifications for HVAC and industrial fluid handling.
	Grundfos ALPHA2 Variable-Speed Circulators Installation and Operating Instructions Comprehensive installation and operating instructions for Grundfos ALPHA2 variable-speed circulators with AutoADAPT technology. Covers product description, installation, startup, control functions, troubleshooting, and technical data.
	Grundfos ALPHA2 L Model C Circulator Pump: Installation and Operating Instructions Comprehensive instructions for the Grundfos ALPHA2 L Model C circulator pump, covering installation, operation, safety, and technical specifications. Learn how to install and use your Grundfos pump efficiently.
	Grundfos MAGNA1 Model C: Installation and Operating Manual Comprehensive installation and operating instructions for the Grundfos MAGNA1 Model C circulator pump, covering setup, operation, technical data, and troubleshooting.
	Grundfos UP, UPS, UPSD MEDIUM Circulator Pump Instructions and Guide Official instructions and technical specifications for Grundfos UP, UPS, UPSD MEDIUM circulator pumps, covering installation, operation, and safety guidelines.
	Grundfos UPM4 Circulator Pump: Installation and Operation Manual Comprehensive instructions for installing, operating, and maintaining the Grundfos UPM4 circulator pump. Includes safety warnings, technical specifications, electrical connections, control modes, and troubleshooting guidance.



[Grundfos UP Series Circulator Pumps Technical Data Booklet](#)

Comprehensive technical data, performance curves, and cross-reference charts for Grundfos UP Series circulator pumps, covering various models for heating, hot water, and cooling systems.

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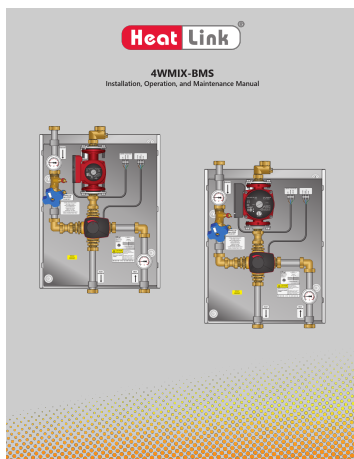


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HeatLink Systems for Life L6SMP000SS 654 Stainless Steel Snowmelt Panels w 30654 Control Manual
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Heat Link SMPSS-654 Series Snow Melt Panels Installation, Operation, and Maintenance Manual Outdoor Sensor Black Red Blue Yellow Brown Heat Demand to Boiler Type UPS 26-99 FC 115 V 1 PH 60 Hz 20 uF 1/1 A P1 w 1.30 150 1.50 179 1.80 197 99K4 C UL US LISTED MAX. FIUID TEMP. 230F P/N: 527225...

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Heat Link Type UPS 26 150F Ferrous Grundfos UPS26 99FC 150FC Auxiliary terminal none Temperature control method L64WMIX BMS 4 Way Mixing Panel Manual heatlink sites default files Instructions |||

Heat Link 4WMIX-BMS Installation, Operation, and Maintenance Manual LIVE NEUTRAL GROUND 0-10 VDC 24 VAC 10V Com 24 VAC LIVE NEUTRAL GROUND 0-10 VDC 24 VAC 10V Com 24 VAC RADIANT RADIANT Type UPS 26-99 FC 115 V 1 PH 60 Hz 20 uF P/N: **52722512** P1 PC: 0939 US 1/1 A P1 w 1.30 150 1.50 179 ...

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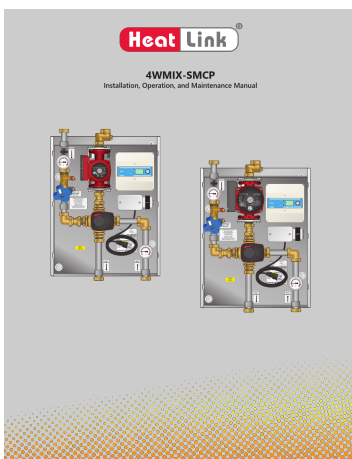


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L63WMIX SMC 3 Way Mixing Panel w Snowmelt Control Manual heatlink sites default files Instructions |||

Heat Link 3WMIX-SMCP Installation, Operation, and Maintenance Manual RADIANT
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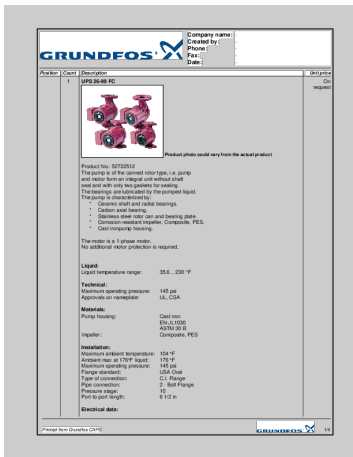


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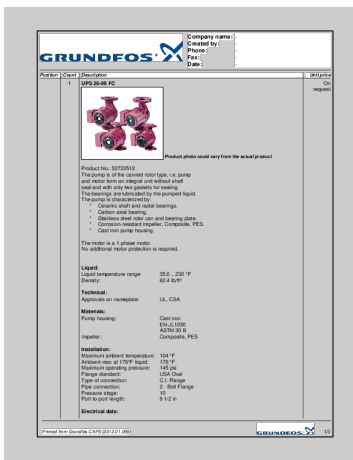
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Unit price On request Product photo could vary from the actual product No 52722512 The 47830 PROD

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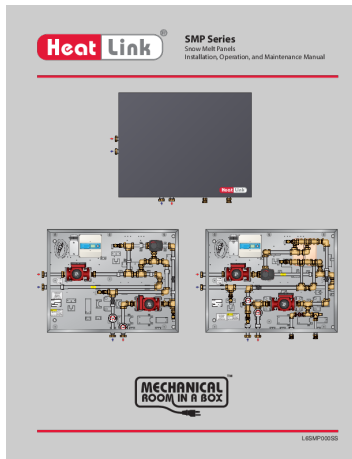


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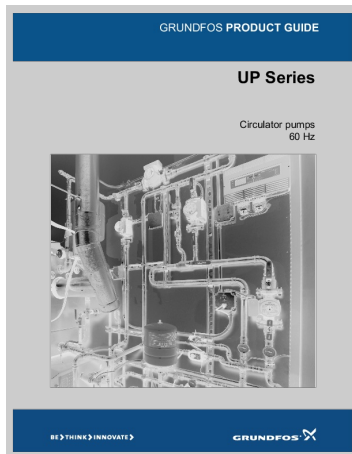


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Grundfos provides no guarantee as to the accuracy of competitor listed herein Circulation Pump

Technical Guide documents alpinehomeair product 80 related

GRUNDFOS PRODUCT GUIDE UP Series Circulator pumps 60 Hz Contents Mission Cross-reference Grundfos ... 0-8.5 0-34 52722405 - 0-31 52722341 52722399 52722355 52722338 - 52722351 0-27.5 0-27.5 0-34 **52722512** 52722513 52722435 52722437 52722377 52722436 52722438 0-38.5 0-19 0-64 52722514 5272251...

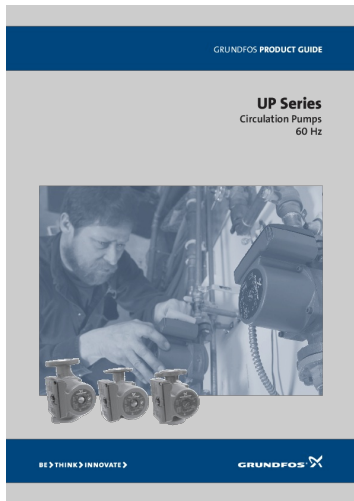
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L63WMIX BMS v2 indd 3 way Mixing Panel Instructions 2015 07 30 heatlink sites default files |||

Heat Link 3-Way Mixing Panel BMS 3WMIX-BMS, 3WMIXHH-BMS Installation, Operation, and Maintenance Manual LIVE NEUTRAL GROUND 0-10 VDC 24 VAC 10V Com 24 VAC RADIANT RADIANT CAUTION 115 VOLTS ONLY Type UPS 26-99 FC 115 V 1 PH 60 Hz 20 uF P/N: **52722512** P1 PC: 0939 US 1/1 A P1 w 1.30 150 1...
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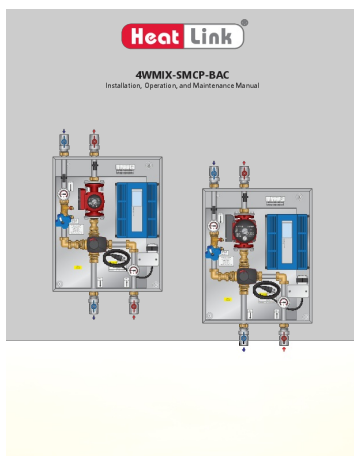
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UP Series Product Guide 5 06 qxd 24045 Brochure Grundfos UP26 96BF GRFUP2696BF 1 southernpipe ASSETS DOCUMENTS CMS EN |||

GRUNDFOS PRODUCT GUIDE UP Series Circulation Pumps 60 Hz CONTENTS

Mission gpm 0-30 ft YES 40 UP 26-96F/VS* 52722399 - 0-27.5 gpm 0-30 ft YES 41 UPS 26-99 F SUPERBRUTE **52722512** 52722513 0-30 gpm 0-32 ft YES YES 44 UP 26-116F - 52722377 0-38.5 gpm 0-37.5 ft YES 4...

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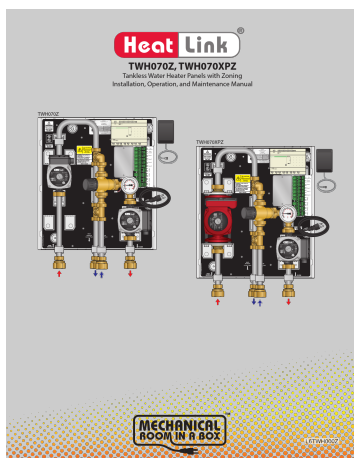


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L64WMIX SMCP BAC indd 4WMIX HeatLink 12 Piping Options 13 Panel Wiring Diagram 14 Control Sequence 15 System Controller 20 Troubleshooting 21 Testing the Sensor 4 Way Mixing w BACnet Snow Melt Manual heatlink sites default files Instructions |||

4WMIX-SMCP-BAC Installation, Operation, and Maintenance Manual Precipitation Sensor Heat Demand to Boiler RADIANT RADIANT Panel Image TypeUPS26-99FC 115 V 1 PH 60 Hz 20 uF 1/1 A P1 w 1.30 150 1.50 179 P/N: **52722512** P1 PC: 0939 US Class F IMPEDANCE 1.80 197 99K4 PROTECTED UL C US FOR I...

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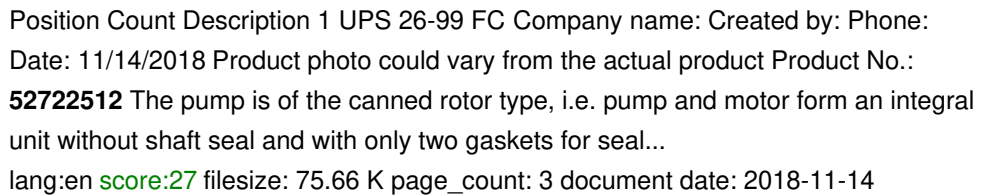
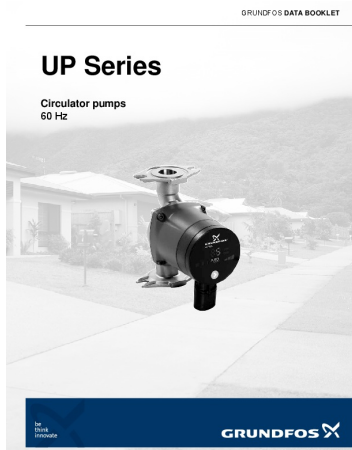


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Heat Link L6TWH000Z Tankless Water Heater Panel with Zoning Instructions 2016 09 13 heatlink sites default files |||

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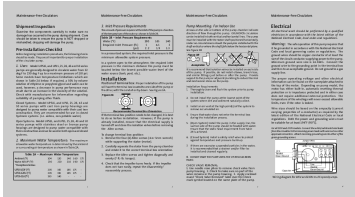


UP Series Circulator pumps 60 Hz GRUNDFOS DATA BOOKLET Table of contents
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2-bolt flange 2-bolt flange 52722553 **52722512 52722512** 59896807 59896807
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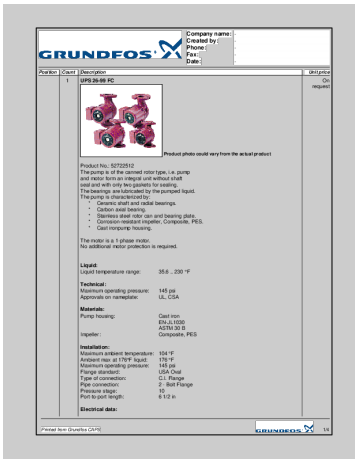
UP Series Product Guide 5 06 qxd 24045 SupplyHouse Circulation Pumps 60 Hz Ferguson ntsupply
Quick Reference Bronze and Stainless Open Systems page 11 Cast Iron Closed 12 Type keys
GRUNDFOS PRODUCT GUIDE 2006 1 18 PM Page L PG 001 Query USE TYPE SPECIFICATION ID
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GRUNDFOS PRODUCT GUIDE UP Series Circulation Pumps 60 Hz CONTENTS
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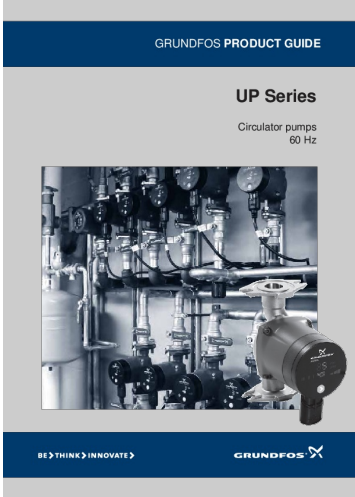
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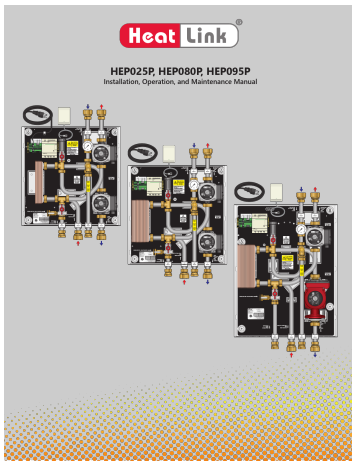
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Maintenance-Free Circulators Shipment Inspection Examine the components
carefully to make sure no damage has occurred to the pump during shipment. Care
should be taken to ensure the pump is NOT dropped or mishandled; dropping will
damage the pump. Pre-Installation Checklist Before beginning instal...
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Print Preview Submittal SheetGrundfos 52722512 UPS26 99FC 3 Speed Circulator Pump 1 6 HP 115 Vol
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Product No.: **52722512** The pump is of the canned rotor type, i.e. pump and motor
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GRUNDFOS PRODUCT GUIDE UP Series Circulator pumps 60 Hz Contents Mission
3 Cross reference Qui ... - 59896300 - 52722330 52722327 52722553 - 52722341
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L6HEP000P indd Heat Link Isolation Exchanger Panels Instructions heatlink sites default files |||

Heat Link HEP025P, HEP080P, HEP095P Installation, Operation, and Maintenance Manual Part # HXPSOLO ... z 20 uF 1/1 A P1 w 1.30 150 1.50 179 1.80 197 99K4 C UL US LISTED MAX. FIUID TEMP. 230F P/N: **52722512** P1 PC: 0939 US FOR INDOOR USE ONLY LISTED UL 99K4 Class F IMPEDANCE PROTECTED HeatLink...

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Heat Link L63WMIX 360 3 way Mixing Panel w Reset Control Instructions heatlink sites default files |||

Heat Link 3WMIX-360 Installation, Operation, and Maintenance Manual RADIANT RADIANT To Boiler He ... I Components 3WMIX-360 10 10 6 8 RADIANT 9 1 Type UPS 26-99 FC 115 V 1 PH 60 Hz 20 uF P/N: **52722512** P1 PC: 0939 US 1/1 A P1 w 1.30 150 1.50 179 1.80 197 99K4 C UL US LISTED MAX. FIUID T...

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UP Series Circulation Pumps 60 Hz CONTENTS Mission page 3 General data TACO CROSS

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GRUNDFOS PRODUCT GUIDE UP Series Circulation Pumps 60 Hz CONTENTS

Mission gpm 0-30 ft YES 40 UP 26-96F/VS* 52722399 - 0-27.5 gpm

0-30 ft YES 41 UPS 26-99 F SUPERBRUTE **52722512** 52722513 0-30 gpm 0-32 ft

YES YES 44 UP 26-116F - 52722377 0-38.5 gpm 0-37.5 ft YES 4...

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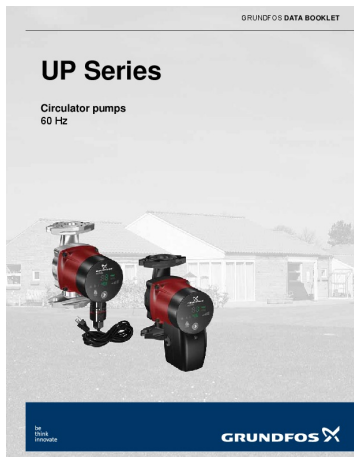
Heat Link SMP Series Snow Melt Panels Installation, Operation, and Maintenance

Manual TM MECHANIC ... g time: 15-20 min. 9 Heat Link www.heatlink.com Type

UPS 26-99 FC 115 V 1 PH 60 Hz 20 uF P/N: **52722512** P1 PC: 0939 US 1/1 A P1 w

1.30 150 1.50 179 1.80 197 99K4 C UL US LISTED MAX. FIUID T...

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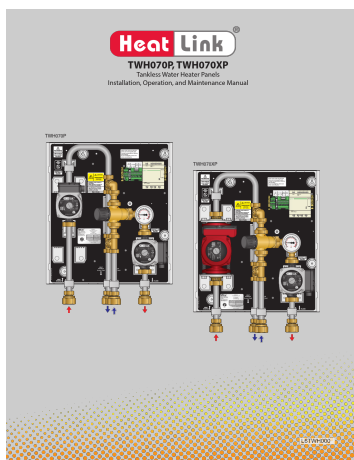
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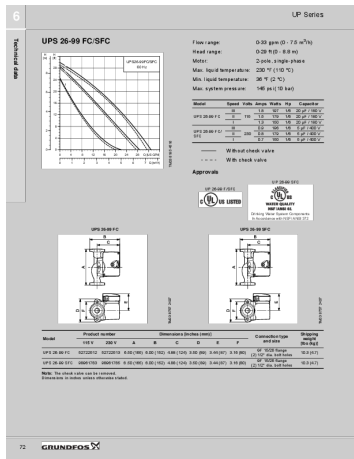
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L6TWH000P v3 indd Heat Link TWH070P TWH070XP Warnings 3 Tools Needed I1 I2 I3 I4 I5 I6 I7 I8 1 2 Q21 Q31 Q41 Valve Adjustments The indicator for the valve is located at base of knob on Tankless Water heater Panel Instructions heatlink sites default files ||| Heat Link TWH070P, TWH070XP Tankless Water Heater Panels Installation, Operation, and Maintenance M ... z 20 uF 1/1 A P1 w 1.30 150 1.50 179 1.80 197 99K4 C UL US LISTED MAX. FIUID TEMP. 230F P/N: **52722512** P1 PC: 0939 US Class F IMPEDANCE PROTECTED FOR INDOOR USE ONLY LISTED UL 99K4 HeatLink Gr... lang:en **score:22** filesize: 7.91 M page_count: 36 document date: 2021-10-01



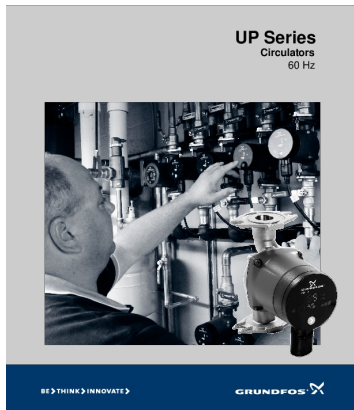
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untitled Download GRUNDFOS 52722512 UPS 26 99 FC Circulator Pump Wallington Plumbing and Heating Supply Inc GRUNDFE00256 72 images tradeservice ATTACHMENTS DIR100181 ||| Technical data 6 UPS 26-99 FC/SFC P IW 836 6 ... A Dimensions inches mm B C D E Connection type F and size UPS 26-99 FC UPS 26-99 SFC **52722512** 98961763 52722513 6.50 165 6.00 152 4.88 124 3.50 89 3.44 87 3.16 80 98961765 ... lang:en score:21 filesize: 268.27 K page_count: 1 document date: 2017-05-15

[pdf] User Manual Installation Guide

LUPTL006new CGalvin Shipment Inspection Pump Mounting For Indoor Use Electrical Installation SupplyHouse Do not use the pump to vent system start before filling Never operate dry GRUNDFOS domestic circulating pumps installed properly and designed water compatible with their cast iron UPS15 58FC install 59896155 instal Query USE TYPE INSTALLATION PRODUCT ID 1131262 3029056 52722512 59896114 59896775 Grundfos gr up installation manual s3 supplyhouse product files api ferguson dar step service inspectapedia heat pexuniverse docs Maintenance-Free Circulators Shipment Inspection Examine the components carefully to make sure no damage has occurred to the pump during shipment. Care should be taken to ensure the pump is NOT dropped or mishandled; dropping will damage the pump. Pre-Installation Checklist Before beginning instal... lang:en score:20 filesize: 116.9 K page_count: 2 document date: 2005-07-06

<http://waterheatertimer.org/Water-heater-recirculation-system.html>



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UP Series Product Guide 5 06 qxd 24045 Circulation Pumps 60 Hz Southern Pipe SupplyGRUNDFOS
SERIES B G CROSS REFERENCE Comparable Grundfos Replacement Options Model Conn Type
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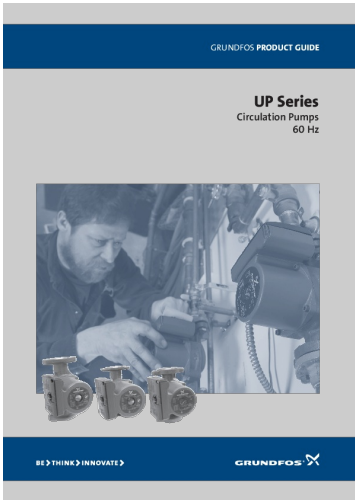
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GRUNDFOS PRODUCT GUIDE UP Series Circulation Pumps 60 Hz CONTENTS

Mission gpm 0-30 ft YES 40 UP 26-96F/VS* 52722399 - 0-27.5 gpm
0-30 ft YES 41 UPS 26-99 F SUPERBRUTE **52722512** 52722513 0-30 gpm 0-32 ft
YES YES 44 UP 26-116F - 52722377 0-38.5 gpm 0-37.5 ft YES 4...

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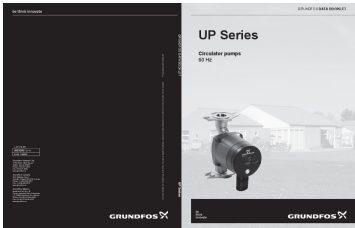


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0011-F4-2IFC 6 1/2 2-bolt flange-R Magna 32-60 F UPS 26-99 FC 6 ...

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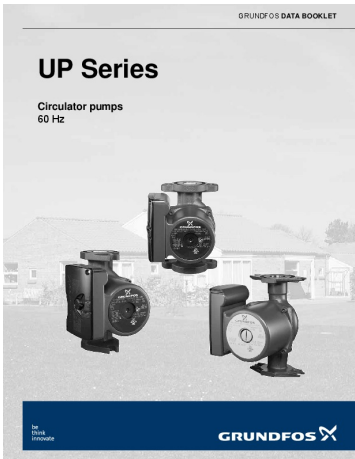
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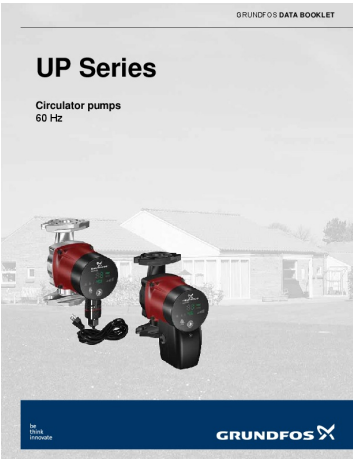
UP Series Circulator pumps 60 Hz GRUNDFOS DATA BOOKLET Table of contents

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F4-2IFC 6 1/2 2-bolt flange-R Magna 32-60 F UPS 26-99 FC 6 1/...

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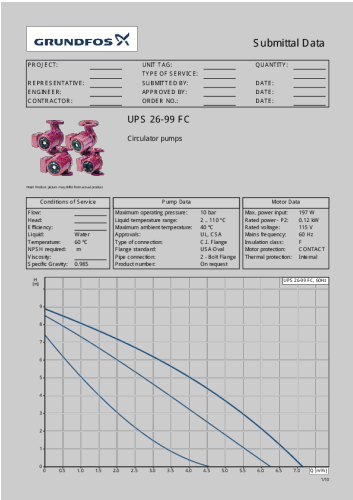




[Grundfos UP Series Circulator Pumps Data Booklet](#)

This data booklet provides comprehensive technical specifications, performance data, application guidance, and detailed cross-reference charts for Grundfos UP Series circulator pumps (60 Hz). It covers various models including ALPHA2, ALPHA1, UP, and UPS series, along with information on accessories and competitor product comparisons.

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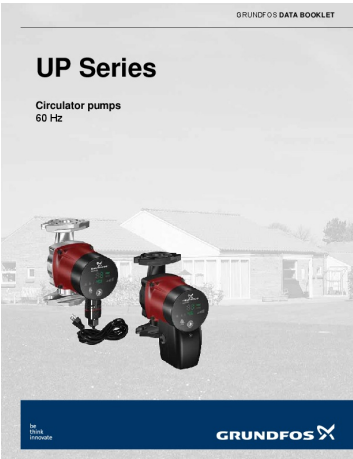


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PROJECT: REPRESENTATIVE: ENGINEER: CONTRACTOR: UNIT TAG: TYPE OF SERVICE: SUBMITTED BY: APPROVED BY: ORDER NO.: UPS 26-99 FC Circulator pumps Submittal Data QUANTITY: DATE: DATE: DATE: Note Product picture may differ from actual product Conditions of Service Flow: Head: Efficiency: Liquid: Tem...

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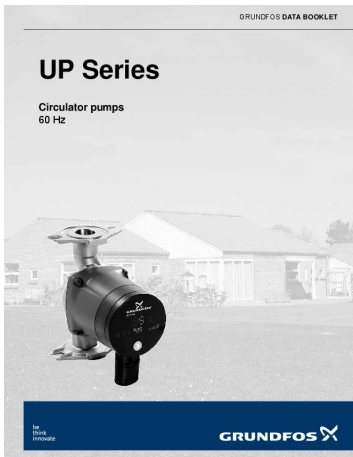


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GRUNDFOS Superbrute 3-speed technology The power of flexibility One of the main features of a Supe ... 773 Stainless 59896781 Stainless 59896783 Cast Iron 59896341 Cast Iron 59896343 Cast Iron **52722512** Cast Iron 52722513 Bronze 52722518 Bronze 52722519 Cast Iron 95906630 Cast Iron 9...

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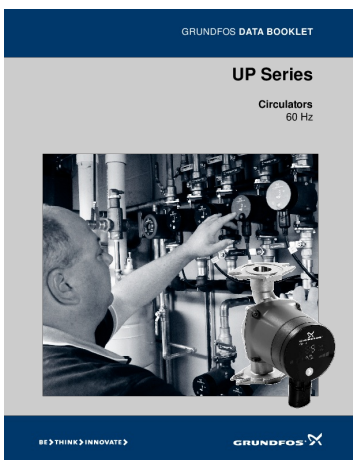
UP Series Circulator pumps 60 Hz GRUNDFOS DATA BOOKLET Table of contents

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3x230V 3x460V 00R SF6 IFC 6 3 8 2 Bolt Flange UPS 15 55 SFC 1 Flange* 59896773 Alpha 59896879

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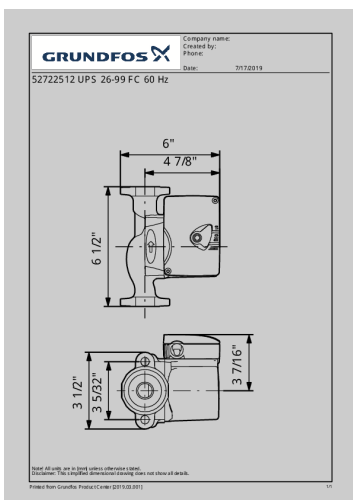
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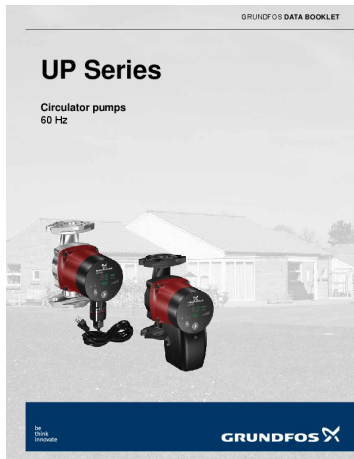
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52722512 UPS 26-99 FC 60 Hz Company name: Created by: Phone: Date: 7/17/2019

6 4 7/8 6 1/2 3 7/16 3 1/2 3 5/32 Note All units are in mm unless otherwise stated.

Disclaimer: This simplified dimensional drawing does not show all details. Printed from Grundfos Product Center 2019.03....

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LUPSL027 3 Speed Circulator 0720 indd GRUNDFOS UPS One of the main features a is its speed motor

This unique advancement pioneered by Grundfos more than 30 years ago allows you ability to adjust

pump fit your specific application DownloadImage id 68137809 5511 491f a4e0 34ef7454f83e inventory

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GRUNDFOS UPS Cast Iron UPS 15-58FC Stainless Steel UPS 43-100SF Stainless

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This unique motor advancement, pioneered by Grundfos UPS 3-Speed Technology The Power of Flexibility Cast Iron UPS 15-58FC Stainless Steel UPS ... less Stainless Part Number 59896772 59896778 99452478 59896773 59896781 99452479 59896341 59896343 **52722512** 52722513 98961763 98961765 95906630 95906631 95906632 95906633 52722514 52722515 52722520 5...

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Product Overview Grundfos 95906637 UPS43 100F 1 3 HP 230V Circulating Pump xrefs0 plumbersstock ||| GRUNDFOS Superbrute 3-speed technology The power of flexibility One of the main features of a Supe ... 773 Stainless 59896781 Stainless 59896783 Cast Iron 59896341 Cast Iron 59896343 Cast Iron **52722512** Cast Iron 52722513 Bronze 52722518 Bronze 52722519 Cast Iron 95906630 Cast Iron 9...

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UP Series

Circulator pumps
60 Hz



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