# LIXINGPRO Technical Catalog

Booster Pumps | Circulation Pumps | Intelligent Energy-Saving Shield Pumps |
Wall-hung Boiler Circulation Pumps | Motor & Rotor Assembly | Optional Accessories

Driven by Innovation · Delivering Reliable Pumps for Better Life

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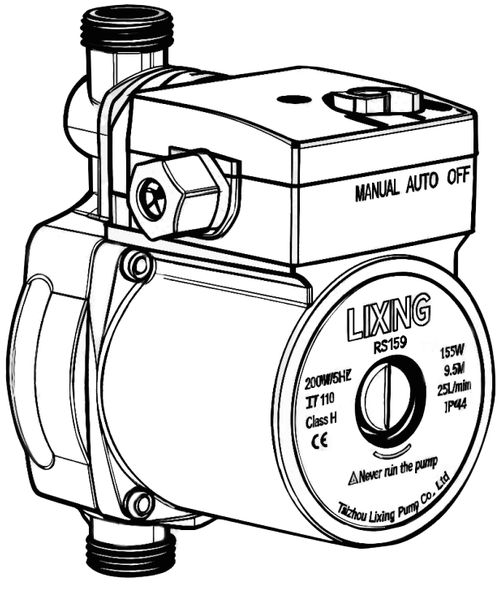



This catalog covers LIXINGPRO's main product families, series ranges, typical applications,and technical reference information.

Each series is presented with the following structure:

- Product Image
- Applicable Scenarios
- Product Advantages
- Exploded View
- Performance Curves
- Dimensional Drawings
- Parameter Table

Certifications, configurations, and certain optional features may vary by model and target market. Final confirmation should follow the actual technical documentation.



# CONTENTS

# Booster Pumps Overview

The **Booster Pump Series** is primarily used for domestic water pressure boosting, resolving issues such as insufficient water pressure, unstable water heater ignition, low water flow on high floors, and inadequate pressure during multi-point water usage.

This series covers **Conventional Automatic Booster Pumps, Permanent Magnet Inverter Pumps,** and **Intelligent Booster Pumps,** which can be adapted to different markets, voltages, and application requirements.


LIXINGPRO

One-Stop Pump OEM/ODM Capability
— From Design to Mass Production

# LPA / RA Series

## Standard Residential Booster Pumps


LPA


RA

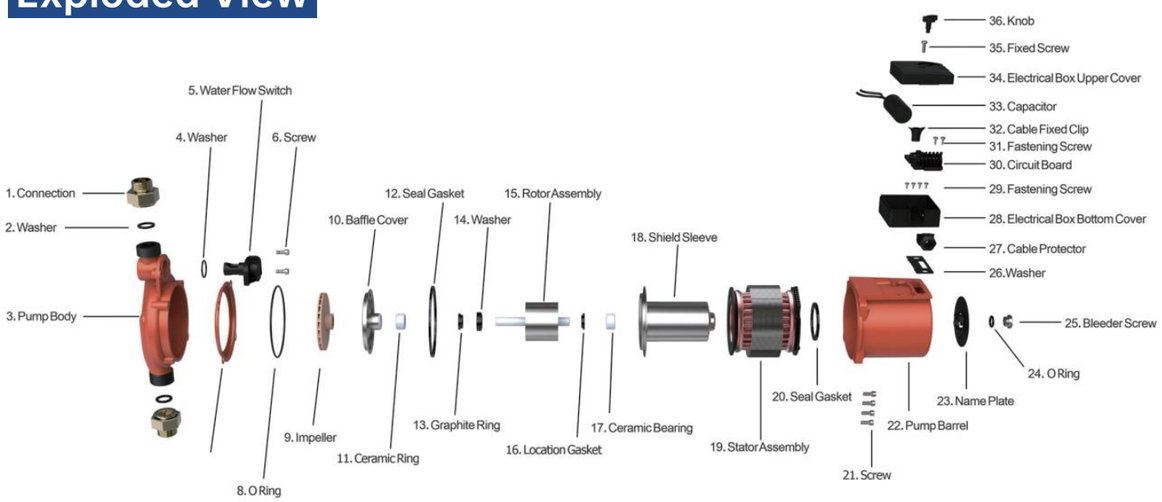
## Applicable Scenarios

The **LPA / RA Series** is suitable for general domestic water supply scenarios, including pressure boosting, pre-water heater boosting, kitchens, bathrooms, detached houses, and top-floor residential units.

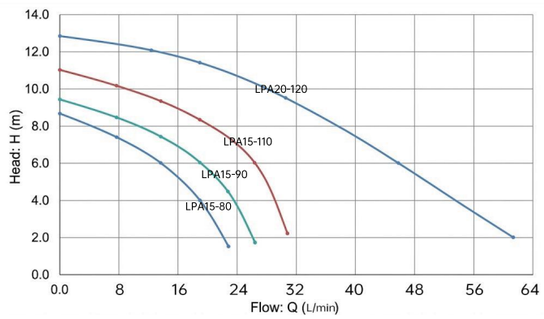
## Product Advantages

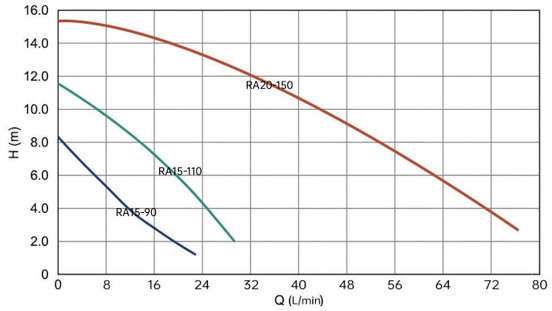
- **Automatic Start/Stop Control**
- **Low Noise Operation**
- **Optional Pump Head Materials**
- **Supports OEM Customization:** Voltage, plug, color, nameplate, packaging, and housing material

## Exploded View

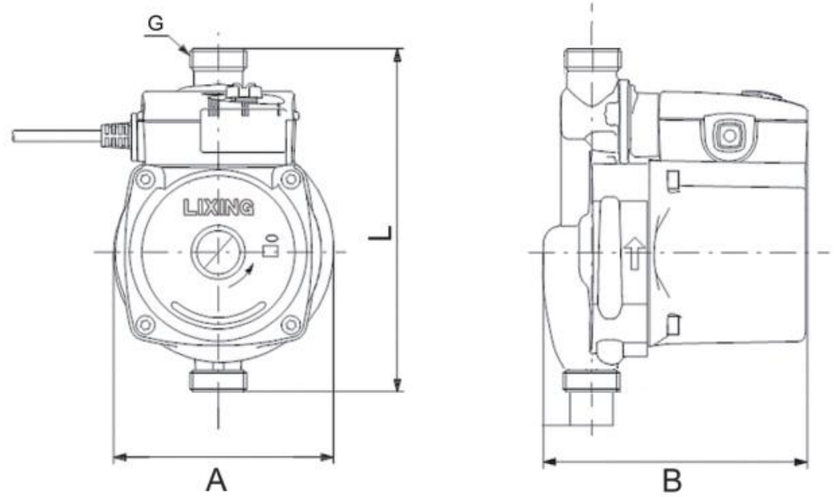



## Performance Curves




## Dimensional Drawings




| Pump Model | Power (W) | Power (HP) | Max.Head (M) | Max.Flow (L/min) | Inlet/Outlet (G) | Pump Size:MM | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | L | A | B |
| LPA15-80 | 100 | 1/8 | 8 | 22 | G3/4" | 160 | 109 | 130 |
| LPA15-90 | 125 | 1/6 | 9 | 25 | G3/4" | 160 | 109 | 130 |
| LPA15-110 | 145 | 1/5 | 11 | 30 | G3/4" | 160 | 123 | 140 |
| LPA20-120 | 300 | 1/3 | 12 | 60 | G1" | 195 | 126 | 155 |
| RA15-90 | 120 | 1/6 | 9 | 25 | G3/4" | 160 | 109 | 130 |
| RA15-110 | 135 | 1/5 | 10 | 28 | G3/4" | 160 | 123 | 140 |
| RA20-150 | 400 | 1/2 | 15 | 67 | G1" | 200 | 126 | 170 |

# LXPRO60

## Permanent Magnet Inverter Booster Pumps

## Applicable Scenarios

Residential water-supply boosting for high-rise apartments and villas, retrofit of older buildings, hot-water and heating circulation, and small commercial water supply (e.g. coffee shops, guesthouses).

## Product Advantages

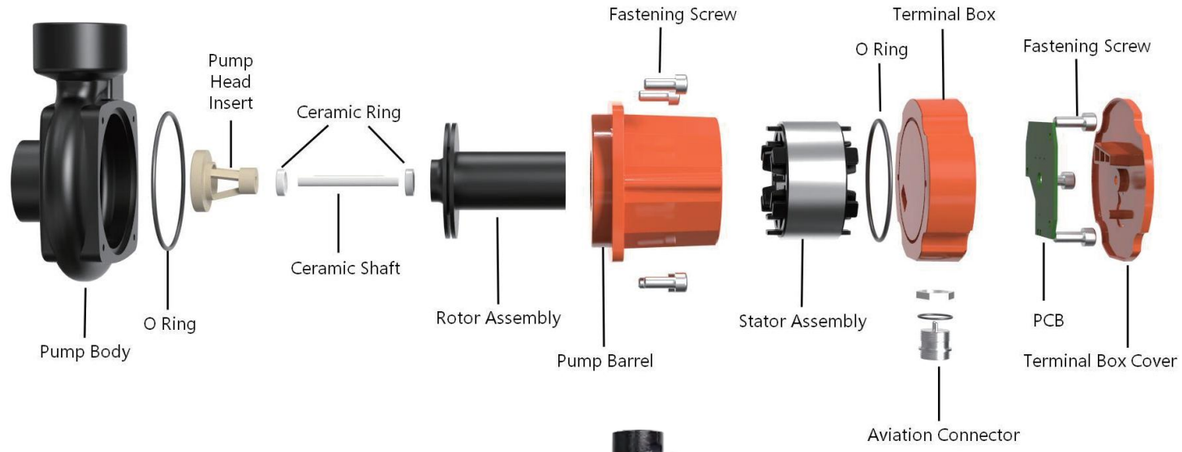
- **Energy Saving:** Permanent magnet variable frequency; saves approximately **50%** energy compared to traditional solutions.
- **Three Power Levels: 40W / 70W / 90W.**
- **Noise Level:** ⩽ **45 dB.**
- **Maximum Head: 17 m.**
- **Premium Materials:** Class **H 180°C** high-temperature copper wire, NdFeB permanent magnet rotor.
- **Automation Functions:** The **Pro60** independent unit can be integrated with optional accessories (including flow switches, pressure switches, or float switches) to achieve fully automated operation.

Flow Switch

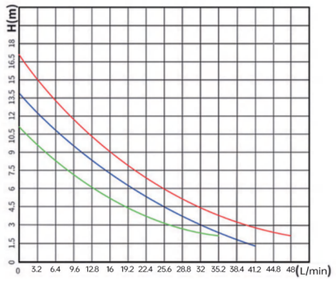
Pressure Switch

Float Switch

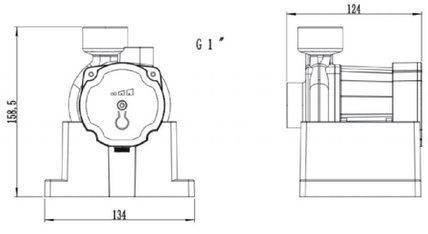
## Exploded View




## Performance Curves




## Dimensional Drawings




| LXPRO60 | | QB60 |
|---|---|---|
| 90W (Energy-Saving),Minimum 40W | Power | 370W |
| 3.1 m³/h (70% higher than QB60) | Max Flow Rate | 1.8m³/h |
| 17 meters | Head | 16meters |
| Variable Frequency Permanent Magnet Synchronous Motor | Motor Type | Conventional Asynchronous Motor |
| Pure Copper Coil (H-Class, 180°C) | Motor Material | Aluminum Coil |
| Three-Speed Adjustment | Speed Control | Single-Speed |
| 0°C - 90°C (Compatible with hot water) | Operating Temperature | 0°C - 50°C |
| 45dB (Extremely Low Noise) | Noise Level | 70dB (Noticeable Noise) |
| ⩾5 Years | Service Life | ⩾1Year |
| Five-Level Protection (e.g., Over-current, Under-voltage, Water Shortage) | Safety Protection | No Protection |
| DC24V | Voltage | AC127V-220V |
| 1.55kg (Lightweight) | Weight | 4.7kg（Heavy） |
| 125×133×153 | Installation Dimensions (mm) | 289×131×178 |
| 6700 units | Quantity per 20-Foot Container | 3624 units |

| Pump Model | Voltage (V) | Power | | Motor Wire | Intlet (Inch) | Outlet (Inch) | Max.Flow (L/min) | Max.Head (M) | Speeds |
|---|---|---|---|---|---|---|---|---|---|
| | | W | HP | | | | | | |
| LXPRO60 | AC 100-240 DC 24 | 90 | 1/8 | Copper | 1 | 1 | 50 | 17 | 3 |

# LXPRO80

## Permanent Magnet Inverter Booster Pumps

## Applicable Scenarios

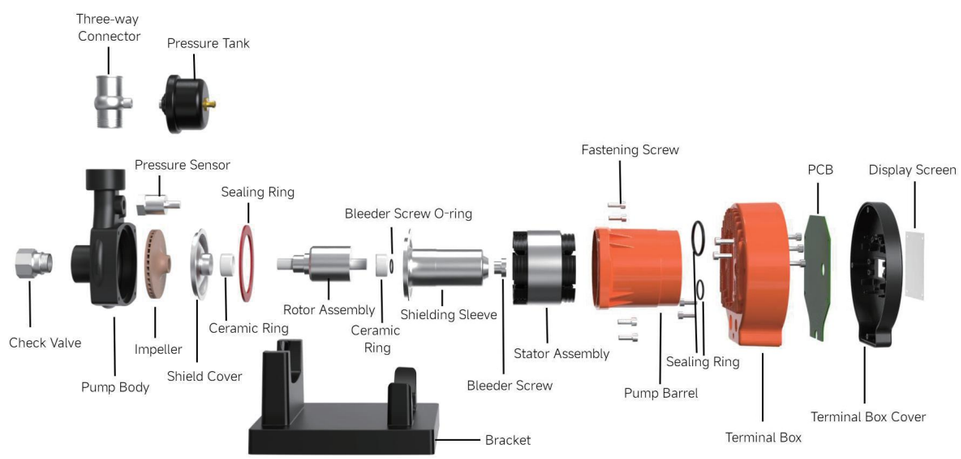
Constant pressure for multiple bathrooms and multi-point water usage, temperature stability for terminal points in villas/high-rise buildings, garden irrigation, water tower/cistern systems (timed water supply, stop when full), light commercial premises (catering, hotels, small factories), and cleaning/flushing systems.

## Product Advantages

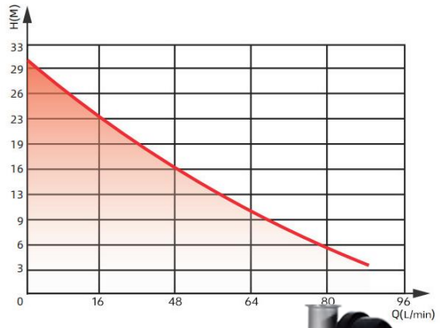
- Equipped with automatic start-stop functionality
- Integrated Temp & Pressure Sensor
- Permanent Magnet Inverter – Smart Efficiency
- **Three Operation Modes:** Auto / Manual / Tank – easily switch for major usage scenarios
- **Full-Spectrum Protection:** Overcurrent, over/undervoltage, dry-run, overheating, stall, and sensor failure

  Provides constant-pressure delivery to resolve inconsistent water temperatures.

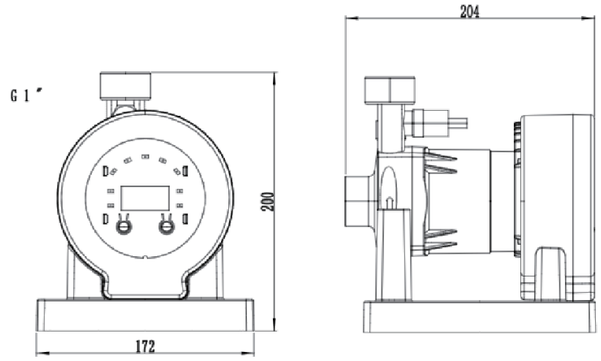
## Exploded View




## Performance Curves




## Dimensional Drawings






| Model | LXPRO80 | QB80 | Automatic Self-Priming Pump |
|---|---|---|---|
| Motor Type | Permanent Magnet Energy-Saving (Permanent Magnet Synchronous + Frequency Conversion) | Standard (Constant Speed) | Conventional (Fixed-Speed Asynchronous Motor) |
| Winding/ Temperature Resistance | H-Class 180°C High-Temperature Copper Wire | Aluminum Wire | B-Class 130°C copper winding / aluminum winding (mostly aluminum) |
| Operation Type | Pressure Adjustable (Constant Pressure) | Single Speed | Fixed speed and pressure, no constant-pressure regulation |
| Liquid Temperature | 0 – 100°C | 0 – 50°C | 0 – 60°C (some models up to 80°C) |
| Max Flow Rate | 5.1 m³/h | 3 m³/h | 3 – 4 m³/h (typically around 3 m³/h) |
| Lifespan Target | 10,000 hours | 5,000 hours | 5,000–8,000 hours |
| Protection Features | Overcurrent/Overvoltage/Undervoltage/ Phase Loss/Locked Rotor/Dry Run/ Leakage/Overtemperature/Sensor Failure/ Frost Protection | Fewer protection features | Basic overload protection only; some models include dry-run protection, with limited functions |
| Power | 370W | 750W | 550W |
| Automatic Start-Stop | √ | × | √ |
| Quantity per 20-Foot Container | 3000 units | 2000 units | 1200 units |

| Pump Model | Voltage (V) | Power | | Motor Wire | Intlet (Inch) | Outlet (Inch) | Max.Flow (L/min) | Max.Head (M) | Speeds |
|---|---|---|---|---|---|---|---|---|---|
| | | W | HP | | | | | | |
| LXPRO80 | AC 127/220 | 370 | 1/2 | Copper | 1 | 1 | 90 | 30 | Freely Adjustable |

# LXDC Series

## Permanent Magnet Inverter Intelligent Booster Pumps

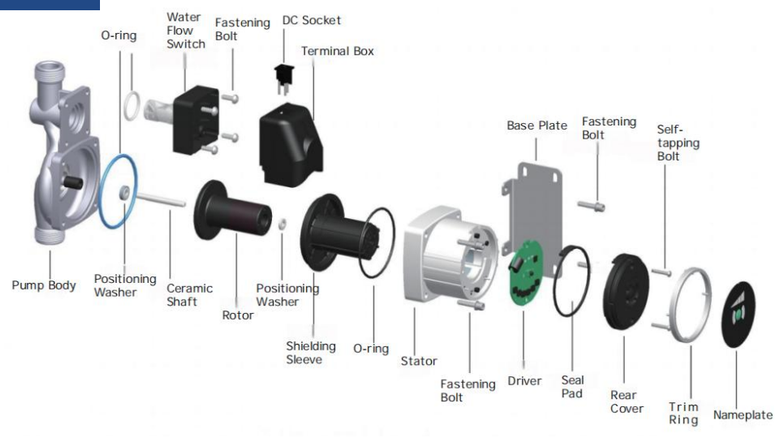
## Applicable Scenarios

The LXDC Series belongs to the intelligent booster category and is suitable for application scenarios requiring smart control and stability in domestic water supply.

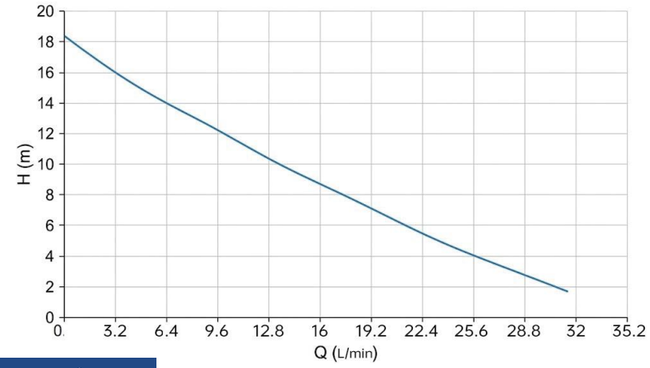
## Product Advantages

- Automatic start/stop for on-demand operation and energy saving
- Low-noise performance suitable for indoor installation

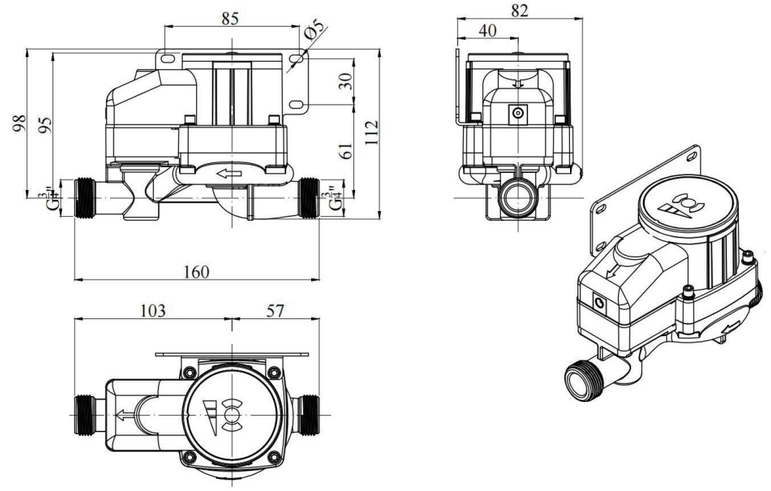
## Exploded View




## Performance Curves




## Dimensional Drawings




| Pump Model | Power adapter | Pump head(m) | | | Pump flow(L/min) | | | Power (W) | | | Speed (r/min) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Speed 1 | Speed 2 | Speed 3 | Speed 1 | Speed 2 | Speed 3 | Speed 1 | Speed 2 | Speed 3 | Speed 1 | Speed 2 | Speed 3 |
| LXDC15-16 | 24V/3.8A | 12 | 16 | / | 25 | 30 | / | 45 | 60 | / | 5600 | 6500 | / |
| LXDC15-16B | 24V/3.8A | 12 | 16 | / | 25 | 30 | / | 45 | 60 | / | 5600 | 6500 | / |
| LXDC15-18 | 24V/3.8A | 12 | 15 | 18 | 25 | 30 | 35 | 50 | 70 | 85 | 5600 | 6300 | 7000 |
| LXDC15-18B | 24V/3.8A | 12 | 15 | 18 | 25 | 30 | 35 | 50 | 70 | 85 | 5600 | 6300 | 7000 |
| LXDC15-25 | 24V/3.8A | 15 | 20 | 25 | 30 | 35 | 40 | 60 | 85 | 100 | 6300 | 7200 | 8100 |
| LXDC15-25B | 24V/3.8A | 15 | 20 | 25 | 30 | 35 | 40 | 60 | 85 | 100 | 6300 | 7200 | 8100 |
| LXDC20-25 | 24V/3.8A | 15 | 20 | 25 | 35 | 40 | 45 | 60 | 85 | 100 | 6300 | 7200 | 8100 |
| LXDC15-30 | 24V/3.8A | 15 | 22 | 30 | 30 | 35 | 45 | 60 | 95 | 130 | 6300 | 7600 | 9000 |
| LXDC20-30 | 24V/3.8A | 15 | 22 | 30 | 35 | 40 | 50 | 60 | 95 | 130 | 6300 | 7600 | 9000 |
| LXDC15-12S | 24V/3.8A | | 12 | | | 12 | | | 45 | | | 7700 | |
| LXDC15-15S | 24V/3.8A | | 16 | | | 20 | | | 50 | | | 8500 | |
| LXDC15-15 | 24V/3.8A | | 15 | | | 25 | | | 60 | | | 8500 | |

# Circulation Pumps Overview

The circulation pump family is mainly designed for closed-loop systems such as underfloor heating, hydronic heating, domestic hot water recirculation, wall-hung boiler support, solar water heating, and commercial hot water systems.

This family covers standard heating circulators, high-efficiency circulators, flanged circulators, domestic hot water recirculation pumps, three-speed circulators, and whole-house multi-point water-use solutions.


One-Stop Pump OEM/ODM Capability
— From Design to Mass Production

# LPS Series

## Whole-House Supply Circulation Pumps

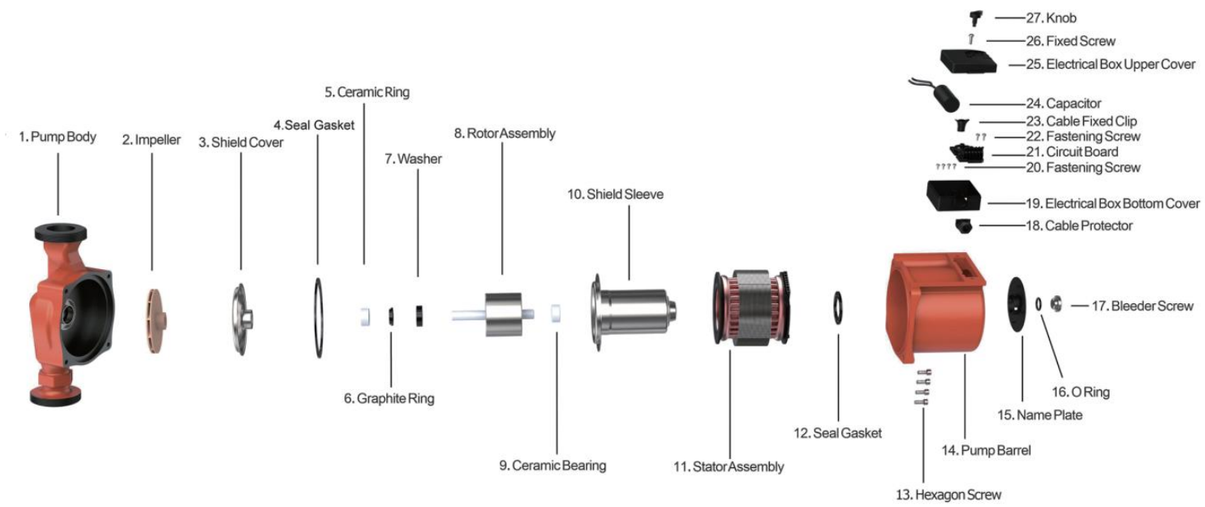

## Applicable Scenarios

The **LPS Series** is suitable for whole-house circulation scenarios in apartments, duplexes, and villas, helping to resolve issues of unstable water pressure.

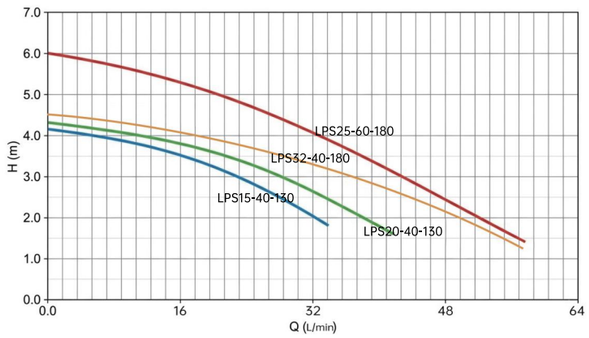
## Product Advantages

- **Three-Speed Control:** Simple commissioning and adjustment.
- **Multiple Material Pump Body:** Available in cast iron, brass, or stainless steel.
- **Low Noise Operation:** Noise level **≤ 45 dB**.

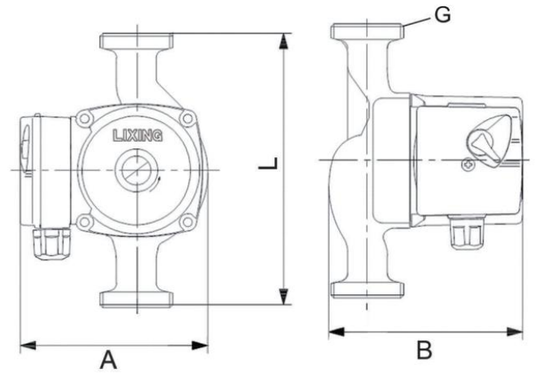
## Exploded View




## Performance Curves




## Dimensional Drawings




| Pump Model | Power (W) | Max.Head (M) | Max.Flow (L/min) | Inlet/Outlet (G) | Pump Size:MM | | |
|---|---|---|---|---|---|---|---|
| | | | | | L | B | A |
| LPS15-40-130 | 85/55/35 | 4/3/2 | 30 / 20 / 17 | G3/4" | 130 | 126 | 125 |
| LPS15-60-130 | 100/65/45 | 6/5/4 | 37 / 25 / 17 | G3/4" | 130 | 126 | 125 |
| LPS15-90 | 120/59/28 | 9/4.5/2.3 | 25 / 13 / 7 | G3/4" | 140 | 132 | 124 |
| LPS15-110 | 145/106/74 | 11/8.5/5 | 30 / 27 / 13 | G3/4" | 140 | 142 | 140 |
| LPS20-40-130 | 85/55/35 | 4.5/4/3 | 33 / 25 / 13 | G1" | 130 | 126 | 131 |
| LPS20-60-130 | 100/65/45 | 6/4/1.5 | 42 / 30 / 17 | G1" | 130 | 126 | 131 |
| LPS20-120-180 | 285/220/145 | 12/10/7 | 60 / 42 / 30 | G1" | 180 | 153 | 154 |
| LPS20-150-180 | 400/304/172 | 15/14/11 | 67 / 50 / 33 | G1" | 180 | 159 | 168 |
| LPS25-40-130 | 85/55/35 | 4.5/3.5/2 | 50 / 25 / 10 | G1-1/2" | 130 | 126 | 132 |
| LPS25-40-180 | 85/55/35 | 4.5/3.5/2 | 50 / 25 / 10 | G1-1/2" | 180 | 126 | 132 |
| LPS25-60-130 | 100/65/45 | 6/4.5/2.5 | 55 / 33 / 17 | G1-1/2" | 130 | 126 | 132 |
| LPS25-60-180 | 100/65/45 | 6/4.5/2.5 | 55 / 33 / 17 | G1-1/2" | 180 | 126 | 132 |
| LPS25-70-130 | 125/105/82 | 6.8/5.5/4.5 | 60 / 50 / 34 | G1-1/2" | 130 | 126 | 142 |
| LPS25-70-180 | 125/105/82 | 6.8/5.5/4.5 | 60 / 50 / 34 | G1-1/2" | 180 | 126 | 142 |
| LPS25-80-180 | 245/210/140 | 8/6.5/4 | 133 / 92 / 40 | G1-1/2" | 180 | 145 | 176 |
| LPS25-120-180 | 285/220/145 | 12/9/4.5 | 63 / 45 / 25 | G1-1/2" | 180 | 155 | 153 |
| LPS32-40-180 | 85/55/35 | 4.5/3.5/2 | 55 / 27 / 17 | G2" | 180 | 126 | 134 |
| LPS32-60-180 | 100/65/45 | 6/4.5/3 | 60 / 42 / 25 | G2" | 180 | 126 | 136 |
| LPS32-70-180 | 125/105/82 | 6.6/5.5/4.5 | 67 / 50 / 42 | G2" | 180 | 126 | 144 |
| LPS32-80-180 | 245/210/140 | 8/6.5/4 | 175 / 125 / 67 | G2" | 180 | 145 | 176 |

# LPT Series

## Hot Water Recirculation/ Timer-controlled Circulation Pumps

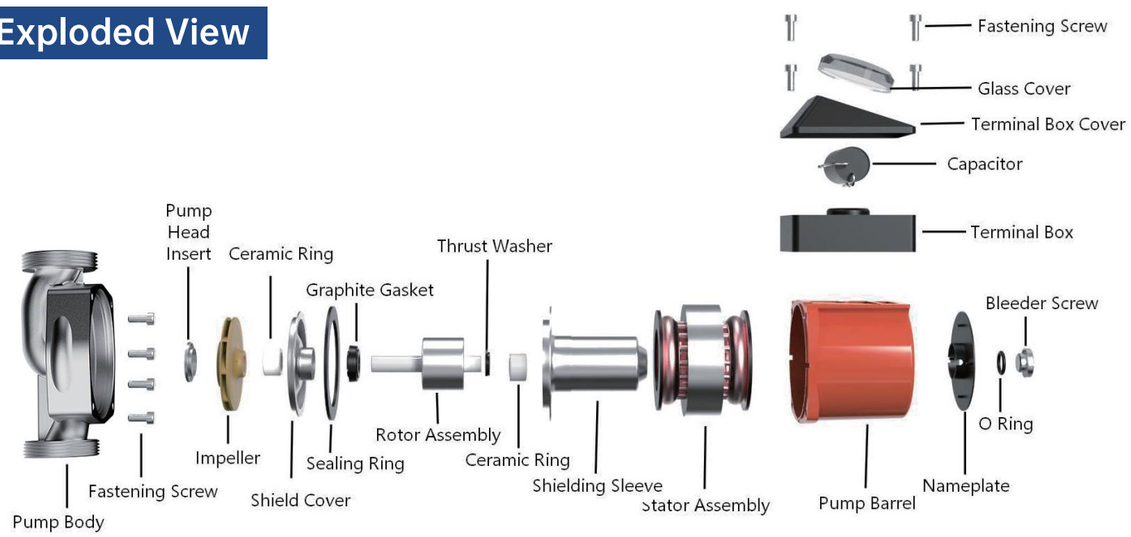

## Applicable Scenarios

**LPT series** is **designed for domestic hot water recirculation.** With timer/on-demand circulation, it helps deliver hot water faster to outlets, reducing waiting time and water waste—ideal for residential and light commercial DHW systems.

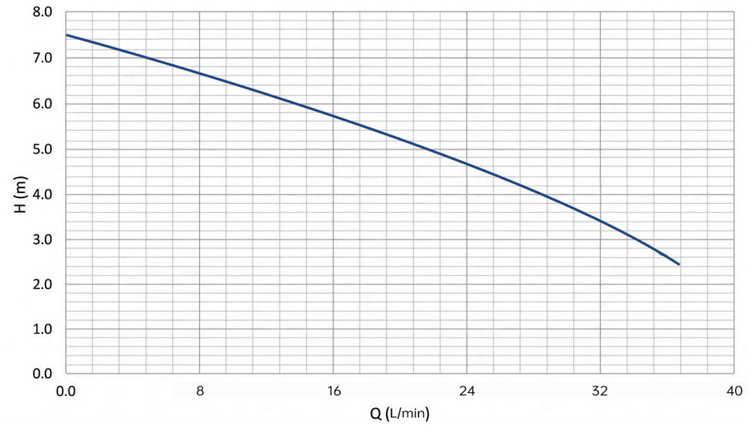
## Product Advantages

- **Timer control:** set operating periods to match daily routines, reducing unnecessary runtime and saving energy.
- **Stable recirculation flow:** supports continuous DHW loop circulation for better user experience.
- **Low-noise design:** suitable for indoor/mechanical-room installation with reduced disturbance.

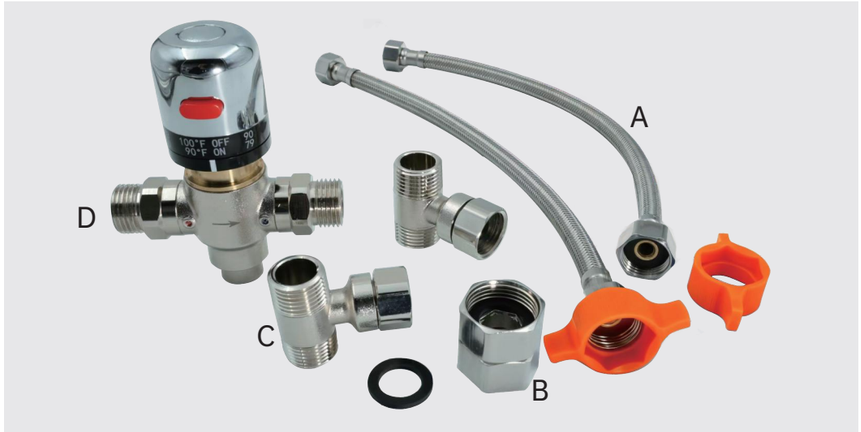
## Exploded View




## Performance Curves




## Optional Accessories




| Pump Model | Power (W) | Power (HP) | Max.Head (M) | Max.Flow (L/min) | Inlet/Outlet (G) |
|---|---|---|---|---|---|
| LPT15-60/130 | 100 | 0.134 | 6 | 30 | G3/4" |
| LPT15-60/130N | 100 | 0.134 | 6 | 30 | G3/4" |

# LP Series

## Flanged Circulation Pumps

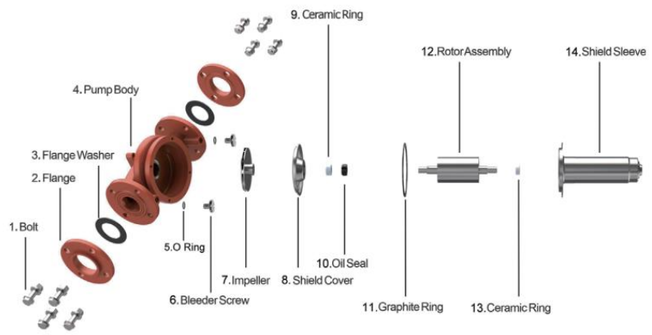
## Applicable Scenarios

The **LP Series** is specifically designed for flange connection scenarios, which are common in system integration and engineering installations.

## Product Advantages

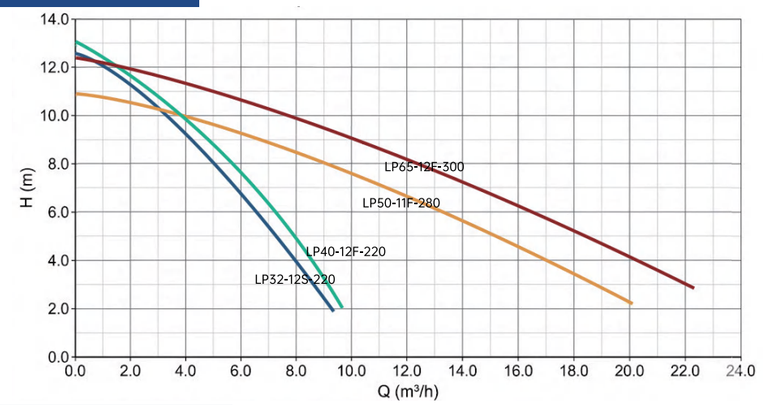
- - **Medium Temperature:** Up to **110°C.**
- **Flange Connection:** Facilitates pipeline installation and maintenance.
- **Stable Operation:** Long maintenance cycles.

## Exploded View

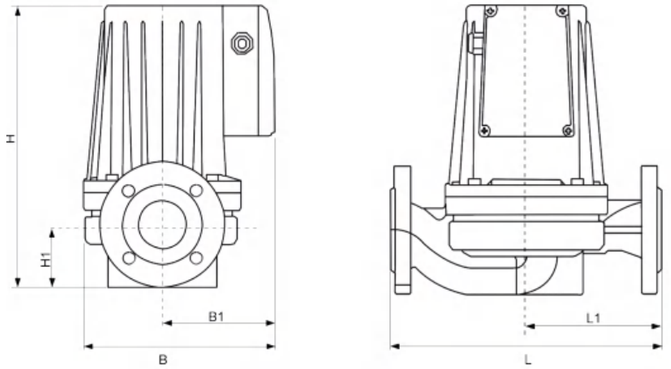




## Performance Curves




## Dimensional Drawings




| Pump Model | Power (W) | Voltage (V) | DN | Max.Flow (m³/h) | Max.Head (M) | Pump Size: MM | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | L | L1 | B | B1 | H | H1 |
| LP40-10F-220 | 370 | 220 | 40 | 10 | 12 | 220 | 110 | 165 | 93 | 190 | 65 |
| LP50-10F-220 | 370 | 220 | 50 | 10 | 10 | 220 | 110 | 165 | 93 | 190 | 50 |
| LP40-13F-220 | 550 | 220 | 40 | 12 | 13 | 220 | 110 | 165 | 93 | 230 | 65 |
| LP50-13F-220 | 550 | 220 | 50 | 12 | 13 | 220 | 110 | 165 | 93 | 230 | 65 |
| LP50-13F-250 | 750 | 220 / 380 | 50 | 13 | 13 | 280 | 140 | 200 | 115 | 230 | 80 |
| LP40-13F-250 | 750 | 220 / 380 | 40 | 19 | 11 | 280 | 140 | 200 | 115 | 230 | 80 |
| LP40-18F-250 | 1100 | 220 / 380 | 40 | 14 | 18 | 280 | 140 | 200 | 115 | 230 | 80 |
| LP50-13F-280 | 1100 | 220 / 380 | 50 | 19 | 13 | 280 | 140 | 200 | 115 | 230 | 80 |
| LP65-12F-300 | 1100 | 220 / 380 | 65 | 20 | 12 | 300 | 150 | 200 | 115 | 260 | 80 |
| LP50-16F-280 | 1500 | 220 / 380 | 50 | 20 | 16 | 280 | 140 | 200 | 115 | 230 | 80 |
| LP65-15F-300 | 1500 | 220 / 380 | 65 | 26 | 15 | 300 | 150 | 200 | 115 | 260 | 80 |
| LP65-14F-300 | 2200 | 220 / 380 | 65 | 43 | 14 | 300 | 150 | 200 | 115 | 260 | 80 |
| LP80-15F-300 | 2200 | 220 / 380 | 80 | 50 | 15 | 300 | 150 | 200 | 115 | 260 | 80 |

# LPF Series

## Flanged Circulation Pumps

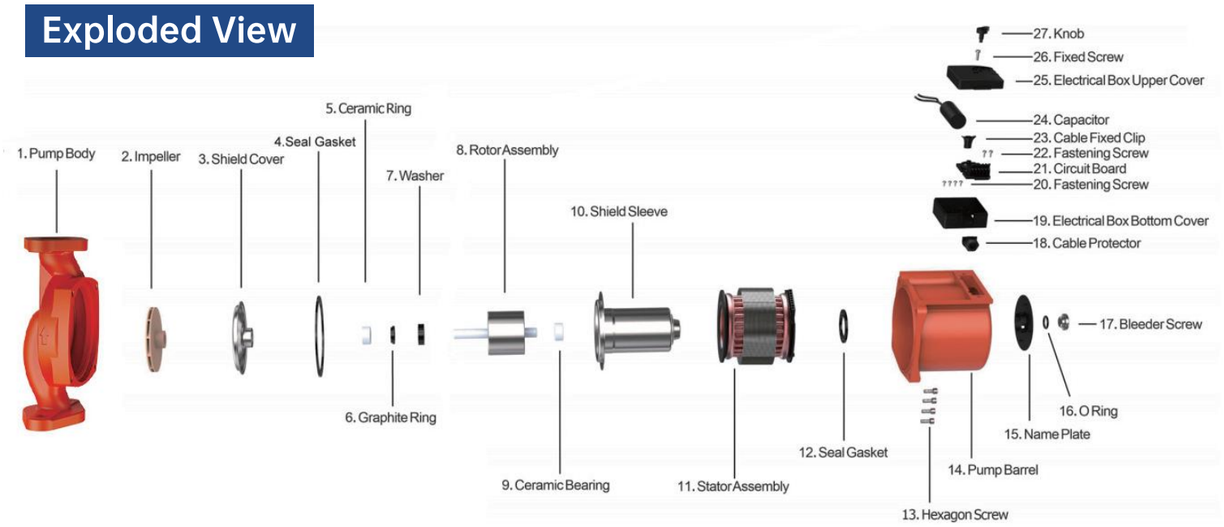

## Applicable Scenarios

**LPF series** is a flanged circulator pump designed for water circulation in heating and hot-water systems, ideal for engineering installation and replacement-oriented distributor channels.

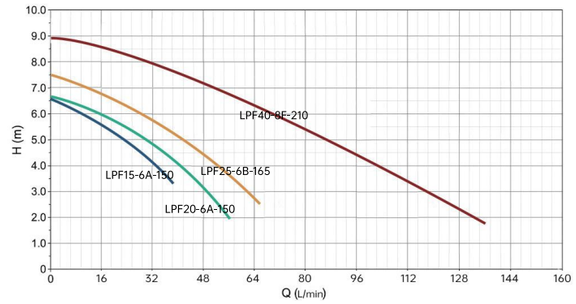
## Product Advantages

- **Stable Flanged Connection:** reliable sealing for long-term hydronic operation
- **Easy Installation & Replacement:** standardized flanged design for new installs and same-spec replacement
- **Adjustable Flow:** multi-speed / multi-mode options to match different system resistance
- **Low-noise Operation:** suitable for indoor mechanical rooms and residential environments

## Exploded View




## Performance Curves




## Optional Accessories

LPF20-6A-150/LPF25-6A-150

LPF25-6B-165

LPF20-6C-165

LPF25-8C-165/LPF40-8C-165

| Pump Model | Power (W) | Voltage (V) | DN | Flow (L/min) | Head (M) | Pump Size: MM | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | L | B | H |
| LPF20-6A-150 | 130/100/55 | 110/60 | 20 | 39 / 25 / 10 | 7/4.5/2.5 | 150 | 130 | 127 |
| LPF25-6A-150 | 130/100/55 | 110/60 | 25 | 59 / 29 / 14 | 7/4.5/2.5 | 150 | 130 | 127 |
| LPF20-6B-165 | 140/100/55 | 110/60 | 20 | 60 / 34 / 17 | 7.5/5/2.5 | 165 | 130 | 152 |
| LPF25-6B-165 | 140/100/55 | 110/60 | 25 | 60 / 34 / 17 | 7.5/5/2.5 | 165 | 130 | 152 |
| LPF40-6C-165 | 140/100/55 | 110/60 | 40 | 60 / 34 / 17 | 7.5/5/2.5 | 165 | 130 | 130 |
| LPF25-8C-165 | 280/210/130 | 110/60 | 25 | 100 / 68 / 42 | 9/8/5 | 165 | 140 | 166 |
| LPF40-8C-165 | 280/210/130 | 110/60 | 40 | 100 / 68 / 42 | 9/8/5 | 165 | 140 | 166 |
| LPF40-8F-210 | 265/220/150 | 110/60 | 40 | 134 / 84 / 50 | 8.5/7/4 | 210 | 140 | 184 |

# Permanent Magnet Inverter Pumps Overview

The Series is primarily used for system scenarios with higher requirements for comfort and energy efficiency, such as whole-house multi-point water usage, central hot water systems, circulatory water supply, and light commercial pipe networks.

It covers high efficiency, energy saving, automatic power adjustment, and low-noise operation, making it suitable for the stable operation requirements of villas, large-scale residences, and complex multi-point conditions.

LIXINGPRO

One-Stop Pump OEM/ODM Capability
— From Design to Mass Production

# LXP Series

## Standard Heating Circulation Pumps

## Applicable Scenarios

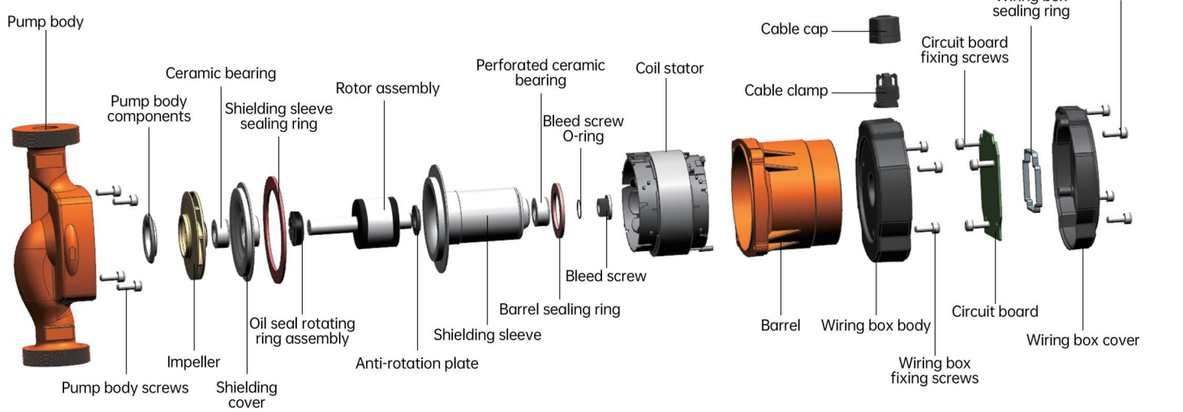
The **LXP series** is a standard heating circulator family for underfloor heating, radiators, and compact heating systems.

It is mainly used for closed-loop hot water circulation, with a focus on thermal efficiency and temperature balance.

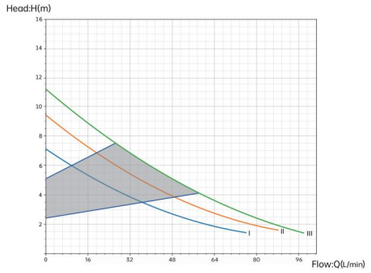
## Product Advantages

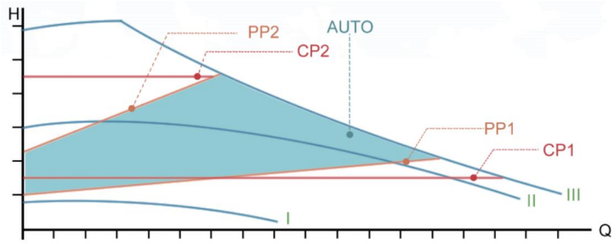
- Permanent-magnet motor with intelligent speed control
- Multiple operating modes: PP, CP, AUTO and night setback
- Easy retrofit with 130 / 180 mm length and G1"–G2" connections

## Exploded View

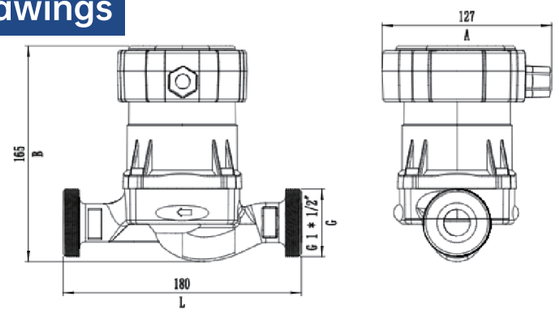



## Performance Curves




## Dimensional Drawings




| Pump Model | Power (W) | Max.Head (M) | Max.Flow (L/min) | Inlet/Outlet (G) | Pump Size:MM | | |
|---|---|---|---|---|---|---|---|
| | | | | | L | B | A |
| LXP20-60-130 | 45 | 6.5 | 47 | G1" | 130 | 165 | 127 |
| LXP20-80-130 | 60 | 8 | 54 | G1" | 130 | 165 | 127 |
| LXP20-110-130 | 90 | 11 | 62 | G1" | 130 | 165 | 127 |
| LXP20-130-130 | 120 | 13 | 69 | G1" | 130 | 165 | 127 |
| LXP25-40-130 | 28 | 4 | 54 | G1-1/2" | 130 | 165 | 127 |
| LXP25-60-130 | 45 | 6.5 | 54 | G1-1/2" | 130 | 165 | 127 |
| LXP25-80-130 | 60 | 8 | 59 | G1-1/2" | 130 | 165 | 127 |
| LXP25-110-130 | 90 | 11 | 70 | G1-1/2" | 130 | 165 | 127 |
| LXP25-130-130 | 120 | 12 | 75 | G1-1/2" | 130 | 165 | 127 |
| LXP25-40-180 | 28 | 4 | 54 | G1-1/2" | 130 | 165 | 127 |
| LXP25-60-180 | 45 | 6.5 | 60 | G1-1/2" | 180 | 165 | 127 |
| LXP25-80-180 | 60 | 8 | 67 | G1-1/2" | 180 | 165 | 127 |
| LXP25-110-180 | 90 | 11 | 77 | G1-1/2" | 180 | 165 | 127 |
| LXP25-130-180 | 120 | 12 | 87 | G1-1/2" | 180 | 165 | 127 |
| LXP32-60-180 | 45 | 6 | 67 | G2" | 180 | 167 | 127 |
| LXP32-70-180 | 60 | 6.5 | 77 | G2" | 180 | 167 | 127 |
| LXP32-80-180 | 60 | 8 | 77 | G2" | 180 | 167 | 127 |
| LXP32-90-180 | 90 | 9 | 90 | G2" | 180 | 167 | 127 |
| LXP32-120-180 | 120 | 11 | 102 | G2" | 180 | 167 | 127 |
| LXP25-160-180 | 200 | 16 | 142 | G1-1/2" | 180 | 167 | 127 |
| LXP25-180-180 | 280 | 18 | 167 | G1-1/2" | 180 | 167 | 127 |
| LXP25-220-180 | 370 | 22 | 192 | G1-1/2" | 180 | 167 | 127 |
| LXP32-180-180 | 280 | 18 | 175 | G2" | 180 | 167 | 127 |
| LXP32-220-180 | 370 | 22 | 192 | G2" | 180 | 167 | 127 |

# LPM Series

## High-Efficiency Circulation Pumps


## Applicable Scenarios

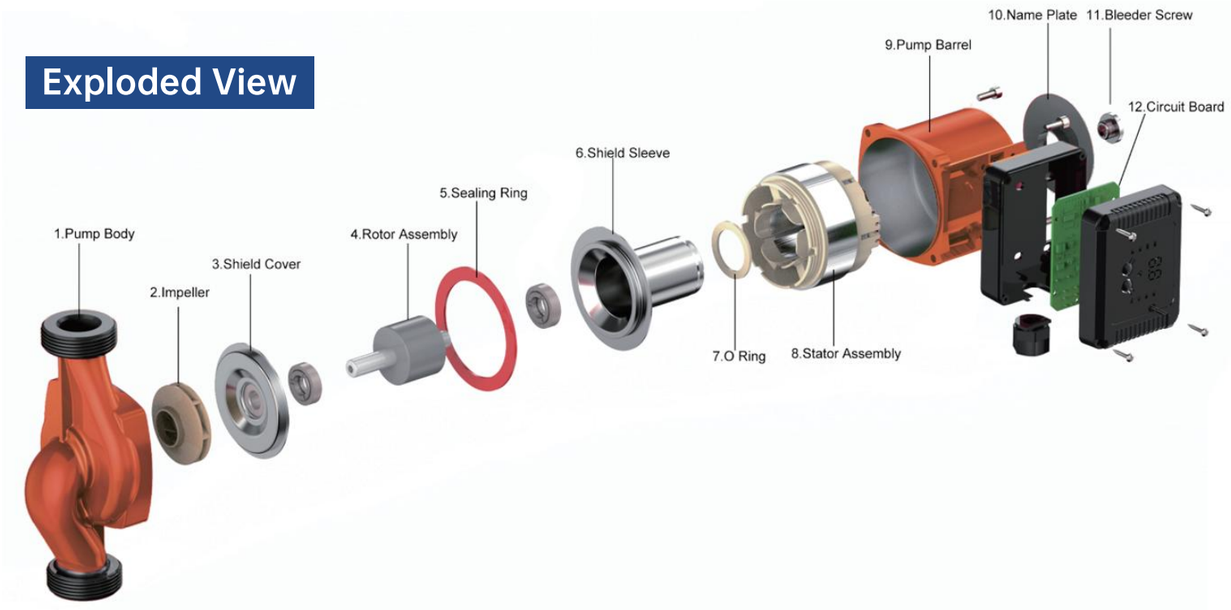
The LPM Series is oriented toward markets and projects that are sensitive to energy efficiency and require quieter operation.

It is suitable for complex circulation environments such as villas, large-scale residences, central hot water systems, homestays, small-scale catering, and light commercial pipe networks.

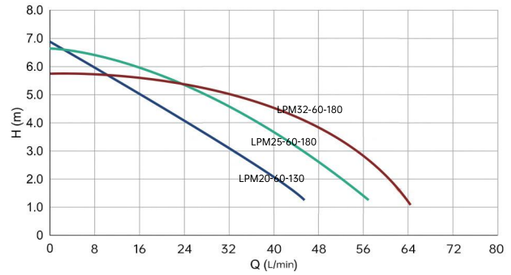
## Key Features

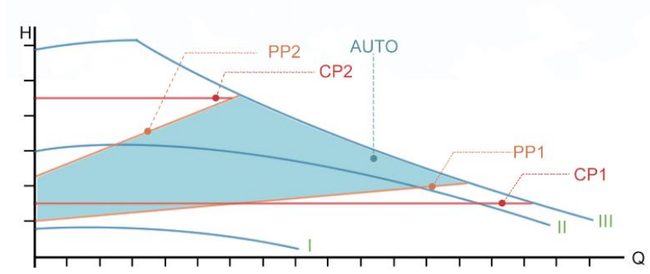
- Permanent magnet motor
- Automatic power adjustment
- Ultra-quiet operation
- Wide voltage adaptability
- Suitable for higher comfort and energy-efficiency requirements

## Exploded View

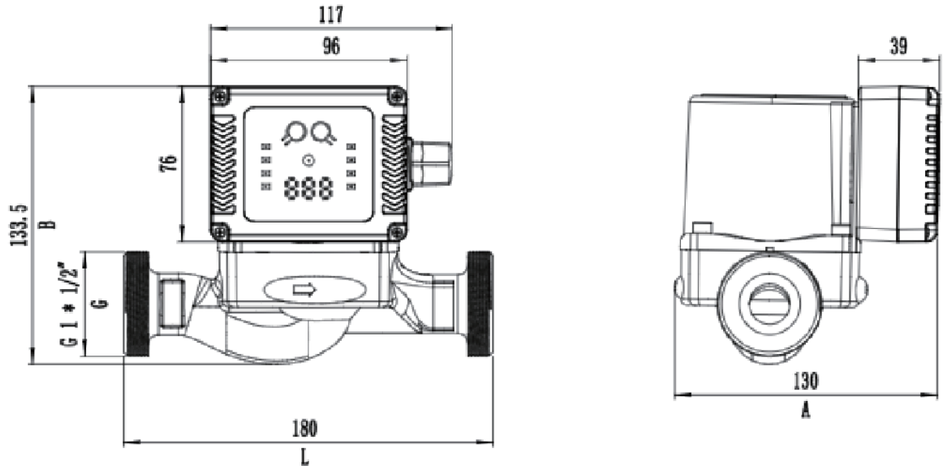



## Performance Curves




## Dimensional Drawings




| Pump Model | Power (W) | Max.Head (M) | Max.Flow (L/min) | Inlet/Outlet (G) | Pump Size:MM | | |
|---|---|---|---|---|---|---|---|
| | | | | | L | B | A |
| LPM20-60 | 45 | 6.5 | 47 | G1" | 130 | 138 | 127 |
| LPM20-80 | 60 | 8 | 54 | G1" | 130 | 138 | 127 |
| LPM20-110 | 90 | 10.5 | 62 | G1" | 130 | 138 | 127 |
| LPM20-130 | 120 | 13 | 69 | G1" | 130 | 138 | 127 |
| LPM25-60 | 45 | 6.5 | 59 | G1-1/2" | 130/180 | 138 | 127 |
| LPM25-80 | 60 | 8.2 | 67 | G1-1/2" | 130/180 | 138 | 127 |
| LPM25-110 | 90 | 11 | 77 | G1-1/2" | 130/180 | 138 | 127 |
| LPM25-130 | 120 | 12.5 | 87 | G1-1/2" | 130/180 | 138 | 127 |
| LPM32-60 | 45 | 6 | 69 | G2" | 180 | 138 | 127 |
| LPM32-70 | 60 | 7 | 77 | G2" | 180 | 138 | 127 |
| LPM32-90 | 90 | 9 | 90 | G2" | 180 | 138 | 127 |
| LPM32-120 | 120 | 11.5 | 102 | G2" | 180 | 138 | 127 |

# LXM Series

## Three-Speed Circulation Pumps

## Applicable Scenarios

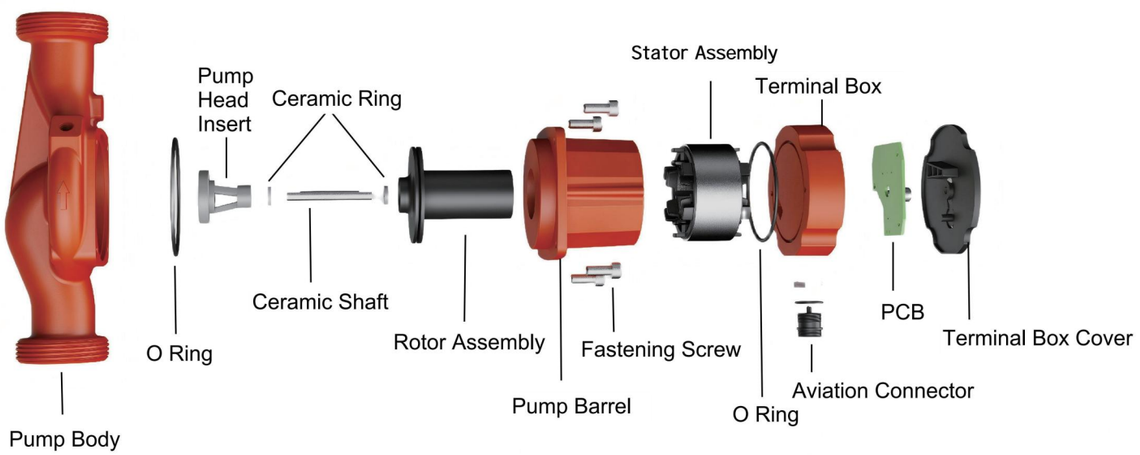
The **LXM series** is suitable for underfloor heating, wall-hung boilers, domestic hot water recirculation, and HVAC circulation support.

With three-speed adjustment, high-temperature suitability, and compatibility with common installation dimensions, it is well suited for replacement-oriented and distributor channels.

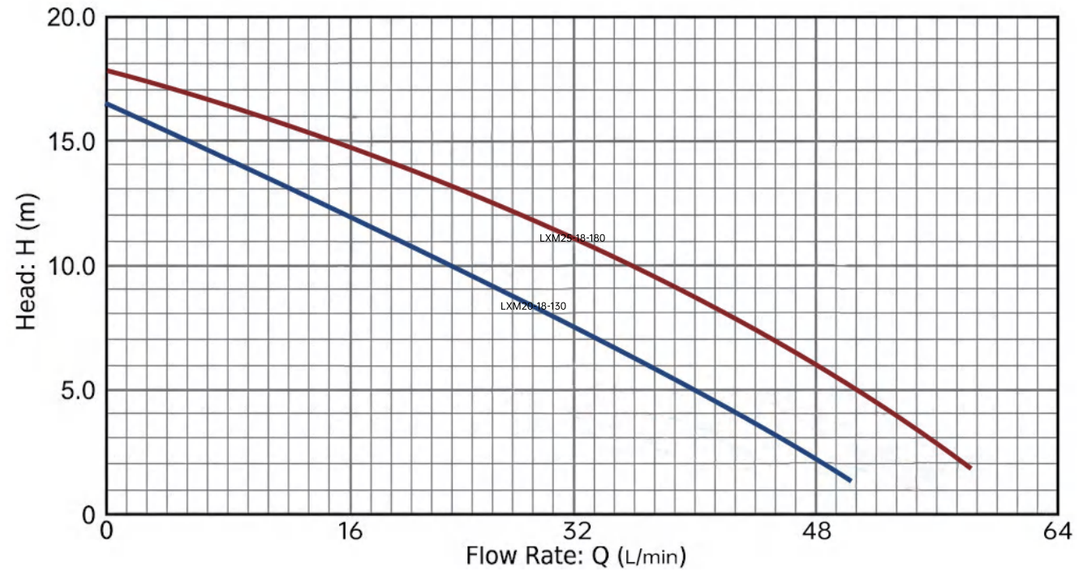
## Product Advantages

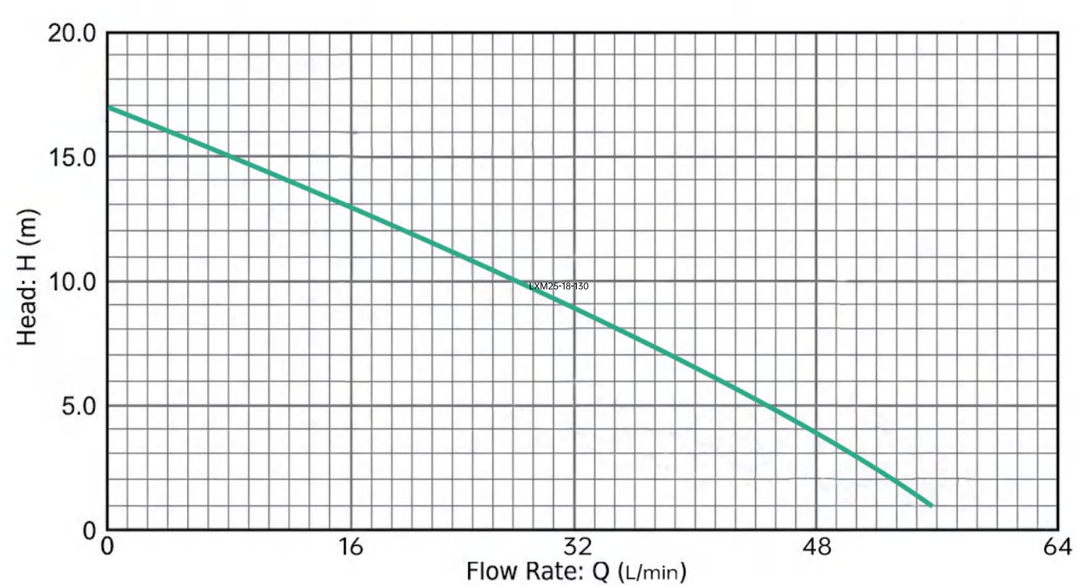
- Three-Speed Control
- Suitable for Heating and Hot Water Circulation
- High-Temperature Resistant Structure
- Supports Stable Operation Under Continuous Duty Cycles
- Compatible with Standard Installation Dimensions
- Ideal for Replacement and Distribution Channel Customers

## Exploded View




## Performance Curves




| Pump Model | Power (W) | Max.Head (M) | Max.Flow (L/min) | Voltage (V) | Inlet/Outlet (G) | Pump Size:MM | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | L | B | A |
| LXM20-18-130 | 40/60/80 | 10/14/17 | 40 / 47 / 52 | AC 110-240 DC 24 | G1" | 130 | 138 | 127 |
| LXM25-18-130 | 40/60/80 | 10/14/17 | 45 / 52 / 57 | AC 110-240 DC 24 | G1-1/2" | 130 | 138 | 127 |
| LXM25-18-180 | 40/60/80 | 10/14/17 | 42 / 50 / 62 | AC 110-240 DC 24 | G1-1/2" | 180 | 138 | 127 |

# Wall-hung Boiler Circulation Pumps Overview

This section is intended for circulation-pump replacement in wall-hung boiler systems, after-sales maintenance, on-site engineering replacement, and distributor stocking needs.

It covers dedicated circulation pumps, replacement pumps, pressure controllers, and spare-part modules.

One-Stop Pump OEM/ODM Capability
— From Design to Mass Production

# UP / RO / LRG Series

## Wall-hung Boiler Circulation Pumps

UP

RO

LRG

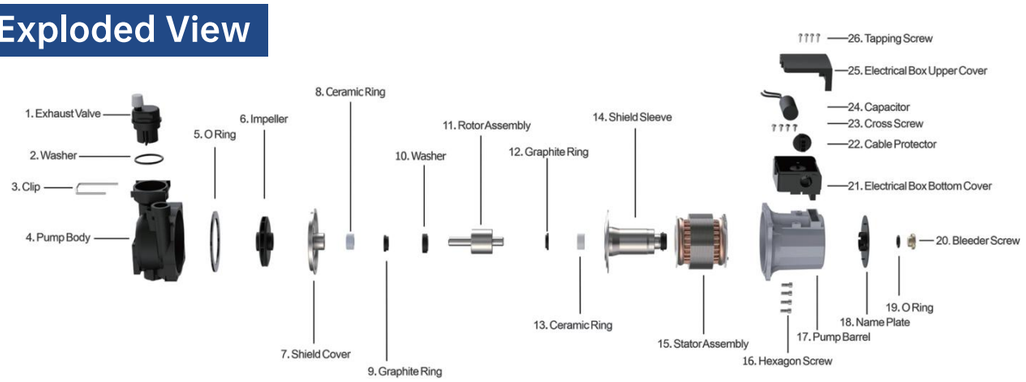
## Applicable Scenarios

The **UP / RO / LRG Series** is specifically designed for wall-hung boiler systems to achieve efficient and stable hot water circulation.
Typical applications include domestic and commercial heating systems, domestic hot water supply systems, and centralized heating systems.

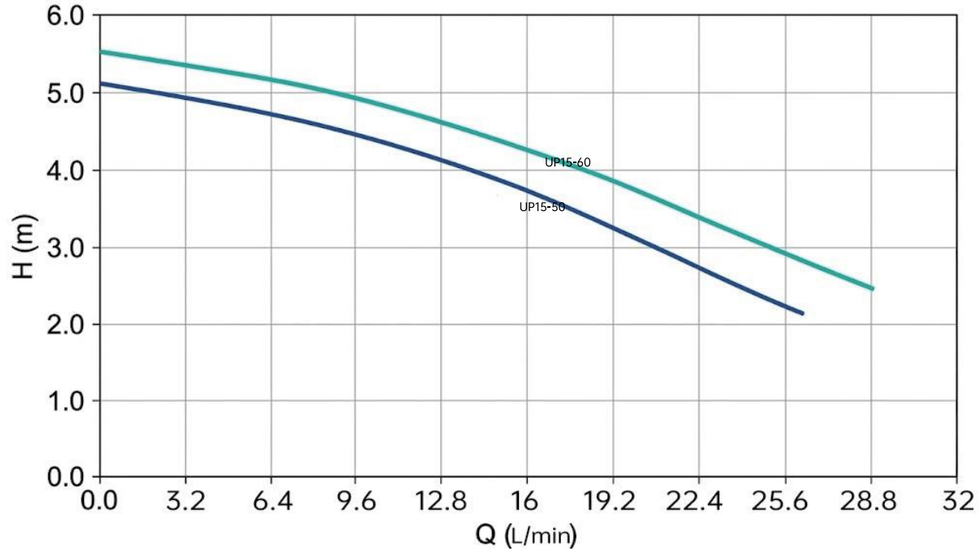
## Product Advantages

- Low Noise Design
- Canned-Motor Type Leak-Free Design
- Integrated with Automatic Air Vent Systems

## Exploded View




## Performance Curves

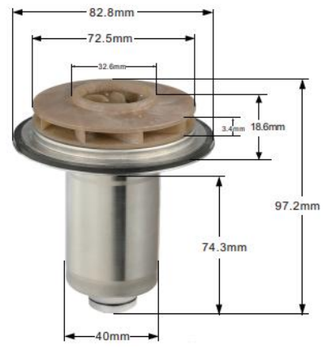



| Model | Input Power (W) | Current (A) | Capacitor (uF) | Max.Flow (L/min) | Max.Head (M) | Pump Head (M) |
|---|---|---|---|---|---|---|
| UP15-50 | 80/65/50 | 0.36/0.30/0.23 | 2.5 | 25 | 5 | 0–5 |
| UP15-60 | 100/80/55 | 0.45/0.36/0.26 | 3 | 30 | 6 | 0–6 |
| UP15-70 | 120/100/70 | 0.55/0.45/0.32 | 3 | 32 | 6.7 | 0–7 |
| RO15-50 | 80/65/50 | 0.36/0.30/0.23 | 2.5 | 25 | 5 | 0–5 |
| RO15-60 | 100/80/55 | 0.45/0.36/0.26 | 3 | 30 | 6 | 0–6 |
| RO15-70 | 120/100/70 | 0.55/0.45/0.32 | 3 | 32 | 6.7 | 0–7 |
| LRG15-50 | 80/65/50 | 0.36/0.30/0.23 | 2.5 | 25 | 5 | 0–5 |
| LRG15-60 | 100/80/55 | 0.45/0.36/0.26 | 3 | 30 | 6 | 0–6 |

# Motor & Rotor Assembly

LIXINGPRO supplies a wide range of rotors, pump heads and motor units for boiler pumps and circulation pumps.Compatible with popular boiler brands and heating systems,these spare kits are ideal for service stock and quick repairs,helping installers minimise system downtime.

| Model | Input Power (W) | Current (A) | Capacitor (uF) | Max.Flow (L/min) | Max.Head (M) | Pump Head (M) |
|---|---|---|---|---|---|---|
| UP'15-50 | 80/65/50 | 0.36/0.30/0.23 | 2.5 | 25 | 5 | 0–5 |
| UP'15-60 | 100/80/55 | 0.45/0.36/0.26 | 3 | 30 | 6 | 0–6 |
| UP'15-70 | 120/100/70 | 0.55/0.45/0.32 | 3 | 32 | 6.7 | 0–7 |
| RO'15-50 | 80/65/50 | 0.36/0.30/0.23 | 2.5 | 25 | 5 | 0–5 |
| RO'15-60 | 100/80/55 | 0.45/0.36/0.26 | 3 | 30 | 6 | 0–6 |
| RO'15-70 | 120/100/70 | 0.55/0.45/0.32 | 3 | 32 | 6.7 | 0–7 |
| LRG'15-50 | 80/65/50 | 0.36/0.30/0.23 | 2.5 | 25 | 5 | 0–5 |
| LRG'15-60 | 100/80/55 | 0.45/0.36/0.26 | 3 | 30 | 6 | 0–6 |



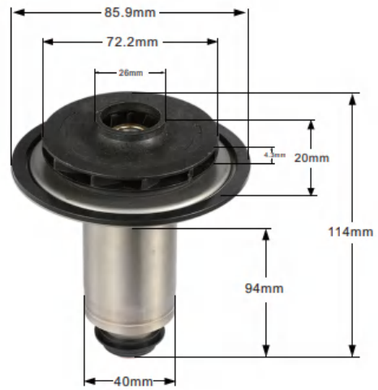

UP15-50/60R


UP15-70R


RO15-50R


RO15-60R


RO15-60R-2




RO15-70R

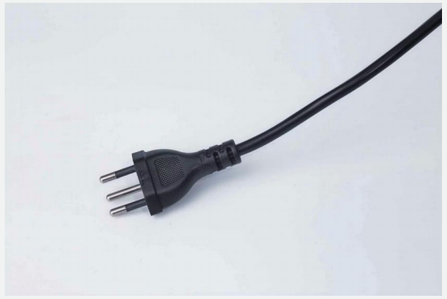

LRG15-50R

RO15-50M

LRG15-50M

# Optional Accessories

American plug



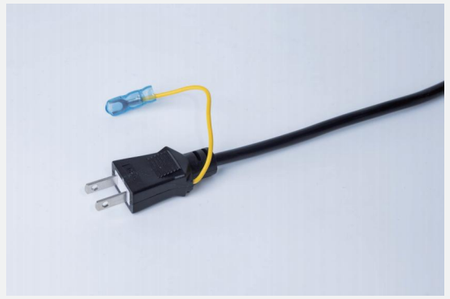
Brazil plug

European plug

Brass connector

Argentina plug

Domestic three plug



Japanese plug

Cast iron plated brass connector

Australian plug

English plug

Connector

Cast iron

# OEM Configuration Options

Configuration support can be provided based on different market and customer requirements, including:

- Manual language
- Color options
- Voltage / frequency
- Material options
- Spare-parts kit setup
- Packaging and carton marking


- Plug types
- Nameplate language

# Certifications & Notes

Certifications and configuration availability may vary by model and target market.

If project-specific certification, documentation, or compliance support is required, please confirm during the inquiry stage.

Possible certification directions include:

CE RoHS SAA UL ISO 9001:2015 ISO 14001:2015 ISO 45001:2018