

# High Pressure Swirl Pump with Permanent Magnet Motor

This high-pressure swirl pump is equipped with a permanent magnet motor for enhanced efficiency. Its robust design includes a radially finned aluminum housing, ensuring optimal heat dissipation and reliable performance in various industrial and commercial applications.



## ADDITIONAL IMAGES



## Product Overview

### High-Pressure Swirl Pump Performance

This high-pressure swirl pump is engineered for demanding industrial and commercial applications, featuring a permanent magnet motor for superior efficiency. Designed with a non-contact compression system and oil-free lubrication, it ensures pure air output and long-term operational reliability. The robust construction, including a radially finned aluminum housing, provides excellent heat dissipation for continuous, heavy-duty use.

## Performance Metrics

### Core Performance

**180 m<sup>3</sup>/h**

Flow Rate

**28 KPa**

Positive Pressure

**23 KPa**

Negative Pressure

**1.1 kW**

Power Consumption

## Technical Specifications

### Technical Data

Feature	Specification
Model	XGB-1100
Operating Voltage	220V
Frequency Compatibility	50Hz / 60Hz
Protection Class	IP55
Insulation Grade	B

### Design & Construction

- Centrifugal circulation design
- Oil-free lubrication
- Non-contact compression
- Radially finned aluminum housing
- Impellers mounted directly on motor shaft