Ametek Lamb 122381-00 Vacuum Motor 120V 2-Stage 5.7 Inch Diameter Peripheral Bypass 1050 Watts



Model Number: 122381-00

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Manufacturer: Ametek-Lamb

Ametek Lamb 122381-00 Vacuum Motor 120 Volt 2 Stage 5.7" Peripheral Bypass Vacuum Motor 1050 Watt Fits Husqvarna S26 F26 Ermator G22
The Ametek Lamb 122381-00 is a commercial-grade, 120-volt vacuum motor featuring a two-stage fan system and peripheral-bypass discharge. It is designed for equipment that keeps the working vacuum air separated from the air used to cool the motor.
This motor is commonly used as a replacement vacuum motor in selected commercial dust collectors and industrial vacuum systems, including certain Husqvarna and Ermator machines.
Important: Match the complete motor part number, voltage, fan stages, discharge style, mounting dimensions, terminals and overall motor configuration before ordering. Similar-looking vacuum motors are not necessarily interchangeable.
Product Specifications

Manufacturer
Ametek Lamb / Bison

Manufacturer Part Number
122381-00

Voltage
120 Volts AC

Frequency
60 Hz

Motor Diameter / Frame Size
5.7 inches / approximately 145 mm

Fan Stages
2 Stage

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Discharge Style
Peripheral Bypass

Rated Power Level
1050 Watts

Maximum Published Watts
1120 Watts under factory test conditions

Speed
Single Speed

Bearings
Double Ball Bearings

Air Requirements
Clean, dry and filtered air only

Replacement Carbon Brush Kit
Ametek 833392-61

Known Equipment Applications
Reported applications include selected:

- Husqvarna S26 dust collectors
- Husqvarna / Ermator F26 dust collectors
- Ermator G22 dust collectors

Equipment manufacturers can use different motors during a model's production history. Confirm the motor number printed on your original motor before purchase.
Peripheral-Bypass Design
A peripheral-bypass motor uses a separate stream of air to cool the motor. The vacuumed or working air passes through the fan system and exits around the perimeter of the motor rather than being used to cool the armature.
This configuration is intended for machines engineered to prevent moisture, foam, dust and foreign material from reaching the motor housing and electrical components.

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What You Receive

- One Ametek Lamb 122381-00 vacuum motor

Gaskets, mounting hardware, wiring terminals, carbon brushes, noise insulation, seals and machine-specific installation parts are not included unless expressly shown and stated in the product description.

Before Ordering

- Disconnect the machine from electrical power.
- Locate the complete part number on the existing vacuum motor.
- Confirm that the existing motor is marked 122381-00.
- Confirm 120-volt operation and two fan stages.
- Compare the discharge arrangement, mounting points and electrical connections.
- Inspect the machine for clogged filters, restricted airflow or moisture damage that may have caused the original motor failure.

Electrical installation notice: Installation and testing should be performed by a qualified service technician. Disconnect all power before servicing. Improper wiring, blocked cooling airflow, liquid intrusion or operation with damaged filters can result in motor failure, electrical shock or equipment damage.

Frequently Asked Questions

Is this a tangential-discharge motor?

No. The 122381-00 uses a peripheral-bypass discharge arrangement.

Is this a two-stage motor?

Yes. It has two fan stages.

Does this motor operate on 120 volts?

Yes. It is designed for 120-volt AC, 60 Hz operation.

What carbon brushes fit this motor?

The current manufacturer listing identifies replacement brush kit 833392-61. Verify brush condition and replace brushes in matched sets when servicing the motor.

Can this motor vacuum water directly?

The motor must be installed in properly designed equipment that prevents water, foam and debris from entering the fan system, motor housing and electrical components. Never operate the motor outside the protection systems supplied by the equipment manufacturer.

Will it fit every Husqvarna S26 or F26?

Do not order by machine model alone. Confirm the part number on the motor currently installed because equipment specifications can change during production.

Replacement-Part Notice

Display photos are provided for general identification. Orders are fulfilled according to the manufacturer part number purchased. Minor changes in wiring, terminals, brackets, labels, colors or appearance may occur when the manufacturer updates production.

Specifications and equipment compatibility are subject to change without notice. The purchaser is responsible for confirming voltage, dimensions, discharge style

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and application before installation.

Ametek 122381-00 Vacuum motor 120 volt 2 stage Peripheral Discharge 5.7"

Fits in Husqvarna S26, F26, and G22 dust collectors.

Carbon Brushes also available
Complete Specifications

Specification	Value
Manufacturer	Ametek Lamb
Manufacturer Part Number	122381-00
Product Type	Vacuum Motor
Motor Style	Peripheral Bypass
Frame Diameter	5.7 in (145 mm)
Voltage	120 VAC
Frequency	50/60 Hz

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Current Type
AC

Number of Stages
2 Stage

Discharge Type
Peripheral Exhaust / Bypass

Motor Type
Traditional Lamb

Flow Class
Standard Flow

Rated Power
1050 Watts

Maximum Input Power
1120 Watts

Speed Control
None (Single Speed)

Bearings
Double Ball Bearings

Cooling
Bypass Cooling Air

Duty Cycle
Continuous (OEM equipment dependent)

Replacement Carbon Brush Kit
833392-61

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Rotation
Factory Configured

Country of Manufacture
Varies by production lot

Approximate Weight
7 lb (3.2 kg)

Electrical Connections
Standard 1/4" Quick Connect Terminals

Typical Performance

Maximum Airflow
107 CFM

Maximum Sealed Vacuum
160 inches Hâ„O

Common Equipment Applications

Husqvarna
S26 Dust Collector

Husqvarna
F26 Dust Collector

Ermator
G22 Dust Collector

Interchange Information

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Similar Motor
116212-00 (verify thermal protection before substituting)

Replacement Brush Kit
833392-61

12238100
122381-00
833392-61
116212-00
Husqvarna S26
Husqvarna F26
Ermator G22
5.7 Vacuum Motor
5.7 Bypass Motor
Peripheral Bypass Vacuum Motor
1050 Watt Vacuum Motor
120 Volt Vacuum Motor
2 Stage Vacuum Motor

Availability: This product was added to our catalog on Thursday 20 April, 2023

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