



Ermator

OPERATING INSTRUCTIONS

Dust Extractor

S26

AMPS 19.6 120 VOLT

AMPS 9.8 230 VOLT

CFM 258

**READ ALL INSTRUCTIONS BEFORE
USING**

Introduction

Dear Customer,

Thank you for choosing Ermator as your supplier.

We hope that the Ermator S26 dust extractor will be to your satisfaction and meet your expectations.

Ermator has been manufacturing professional dust extractors since 1967 and has over the years acquired a genuine technical knowledge in this area. We are continuously striving to improve our products in our product segment and will continue to supply the market with new equipment.

Notice!

These instructions are only for dust extractor type Ermator S26.

The Ermator S26 dust extractor can only be used with dry, non-explosive material.

The Ermator S26 dust extractor has been designed to clean construction areas and be connected to small electrical machines such as drills etc.

Ermator will not be held responsible if the dust extractor is used for other applications or been used in ways other than those outlined in this instruction manual.

Please pay particular attention to the safety regulations.

Read the complete instruction manual before using the Ermator S26.

All spare parts used with the Ermator S26 must be those specified by Ermator.

1. UNPACKING

When unpacking the machine, please check that the following accessories are included:

- The hose with end fittings.
- Handle.
- Floor nozzle.

If any of the above-mentioned parts are missing, please contact your local distributor or our sales representative.

Assemble the front wheels using the using bolt, washer and nut that are included in the package.

2. SAFETY INSTRUCTIONS

Handling

Warning

- Cables damaged through crushing or splitting can be dangerous if used and should be replaced immediately. Risk of personal injury.

Warning

- Do not connect the machine to an unearthed socket. Risk of personal injury.

Warning

- Make sure the assembly area is firm, so the dust extractor does not tip over. Risk of personal and material injury.
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Warning

- Risk of pinching when handling the toggle fastener.

Warning

- The machine must not be used in environments where explosive gases may be present. Serious risk of explosion.

Service

Warning

- Remove the plug from the wall socket when carrying out maintenance work. Risk of personal injury.

Warning

- Dust can be spread when the coarse filter and the absolute filter are replaced that can be hazardous to health. Accordingly, the user should wear protective glasses, protective gloves, and a breathing mask conforming to protection class FFP3.

Warning

- Do not puncture the absolute filter. Risk of dust dispersion.

3. FUNCTION

The machine is designed for sucking and separating dry, non-combustible dust with an explosion limit value of $>0.1\text{mg}/\text{m}^3$.

The motor is started by the switch.

The switch has three positions: **0**: Motor off

1: Motor on

Dust-laden air is then sucked through the inlet valve at high speed via the suction hose. The air is slowed down by the cyclone and coarse dust particles are separated out, partly by centrifugal force and partly by gravity. Air and finer particles then pass through the double filter system where separation is made. The machine is designed for filter cleaning by reverse air pulse.

The separated dust accumulates in the cyclone until the machine is switched off, when it drops through the bottom flap into the plastic bag.

4. USE

Before use, the user must be trained in handling the machine and the hazardous dust.

WARNING

Connect the electric plug to a power outlet with the correct voltage, see the nameplate.

Connect the electric plug to an outlet with the correct voltage (see the designation plate).

The filter must be cleaned from time to time. This must be done before changing the plastic bag and can also be done when the work is complete or when there is poor suction.

Procedure: Cover the inlet, use attached cover, let the machine build up vacuum for a few seconds then quickly push down on the key and release it. Repeat the procedure 4-5 times.

Turn of the motor and wait until it stops completely, then uncover the inlet.

If suction remains poor, the filter should be replaced.

Only use original parts.

5. DUST STORAGE SYSTEM

S36 are equipped with Longopac system for effective dust storage. This is a 20 m long plastic tube that will be divided into plastic bags using the striped attached with the machine. To mount a new Longopac bag:

Release the belt holding the last bag. Remove the holder. Put in a new Longopac bag, pull out the inner end upwards. Mount the holder on to the machine and strap the upwards end with the belt. Pull down to outside end and close it using a stripe.

The machine can be used with original Ermator dust bag for single use.

Only change Longopac or bag after jet pulsing the filter

6. FILTER CHANGE

Risk of dust dispersion - Use of personal safety equipment

Unhealthy dust can be spread during filter change. Accordingly, the user should wear protective glasses, protective gloves, and a breathing mask conforming to protection class FFP3.

WARNING

Switch off the machine and pull the plug out of the socket.

Main filter

Loosen the 3 clamps and remove the top. Take the bag from the new filter.
Lift out the filter and place it gently in a plastic bag. This bag must be properly disposed.
Insert a new filter.
Only original filters may be used.

Hepa Filter

Loosen the two nuts on the filter cap carefully lift the filter into a clean plastic bag, use the bag from the new filter. This bag must be properly disposed. Insert a new filter in reverse order.
Check the seal when changing filters and change defective seals.

Reload Longopac/change of dust bag

When the Longopac bag is ending do as follow:
Loosen the belt holding the Longopac bag. Start the dust extractor. Remove the final bag and take of the holder. Reload with a new Longopac bag, reassemble the Longopac to the dust extractor and make the first bag. Tighten the belt end then start use the machine or turn it off. Use the same procedure when using single dust bag (optional).

7. SERVICE

WARNING

Before cleaning and servicing the machine, you must switch the machine off and pull out the plug from the outlet.

- When cleaning and servicing the machine, you must switch off the machine and remove the plug from the socket.
- Avoid cleaning with a high pressure cleaner. If necessary, do not direct at the openings on the machine, especially the opening for cooling air.
- Before moving the machine from the work area, the machine must be cleaned.
- All other equipment must be regarded as contaminated and be treated thereafter.
- If possible, use a special suitable room.
- Proper personnel protective equipment must be used.
- All parts which are contaminated after service must be properly disposed of in plastic bags according to all regulations.
- If the machine has to be used for other purposes, it is extremely important that the machine is cleaned, to avoid the spread of hazardous dust.

Accessories

Part.no.	Description	No./machine
1376013	Longopac (4-pcs)	1 pcs
1276008	Bag (25-pcs), optional	1 pcs
200900050	Main filter	1 pcs
200700070	HEPA 13 filter	2 pcs

For other spare parts, see the enclosed spare parts list.

8.WARRANTY

All Ermator devices and accessories have a 12-month factory warranty for material and manufacturing defects. The warranty extends to 36 months when returning the attached warranty slip. Do not attempt to repair the suction apparatus without the consent of the manufacturer.

The warranty does not cover defects which are the result of normal wear and tear, negligence, defective use, unauthorised repair or the suction apparatus being connected to the incorrect voltage. In the event of any complaint, the suction apparatus or an agreed part of it must be returned to us or our authorised representative for warranty examination and for any warranty repair or replacement.

9. PROBLEM SOLVING

The S26 is designed and manufactured for a severe environment and tasks, but the user must note that the machine must be protected from knocks and blows. Filter, seals, attachments, and connections are carefully adapted and selected with regard to the operator's work environment. Therefore, the operator and service personnel must treat the machine with care in order to work correctly for many years.

Problem	Cause	Procedure
Motor does not start	No power Cable defective Switch defective	Connect the machine Change Change
Motor stops immediately after starting	Wrong fuse	Connect to correct fuse
Motor runs but there is no suction	Hose not connected Hose blocked No Longopac bag	Connect hose Clean hose Fit Longopac bag
Motor runs but suction Poor	Hole in the hose Filter blocked Top cover loose Sealing defective	Change hose Change filter Adjust Change current seal
Dust blows from motor	Filter loose or defective	Adjust or change
Abnormal noise		Order service

SAVE THESE INSTRUCTIONS!

TECHNICAL DATA

S26 (S26/120V)	
VOLTAGE	230 VAC, 1-phase (120VAC, 1-phase)
POWER	2x1200 W max (2x1200W)
MAX AIRFLOW	400 m ³ /h 158 cfm
MAX VACUUM	22 kPa 26 kPa
HOSE	7,5m x Ø 50mm 25'x Ø 2"
INLET	Ø 63mm Ø 2,5"
MAIN FILTER Filter surface	>99.5% 3 m ² /33,2ft ²
HEPA 13 FILTER Filter surface	>99.95% 2st 2x 1.2m ² /(2x 13,32ft ²)
SOUND LEVEL	70 dB(A)
DUST STORAGE SYSTEM Size	Longopac (440x600 mm)
DIMENSIONS LxWxH	756x546x11275 mm
WEIGHT	103 lbs 47 kg