Dust Extractor

33750.33752.33758.33763.33764 – 30L
33753.33755.33759.33760.33761 – 45L

Technical Data **December, 2020**

3M Part Number	3M Part Descriptor
33750 – 30L	3M™ Dust Extractor 30L 230V. Plug Type N
33752 – 30L	3M™ Dust Extractor 30L 120V. Plug Type B
33758 – 30L	3M™ Dust Extractor 30L 230V. Plug Type F
33763 – 30L	3M™ Dust Extractor 30L 230V. Plug Type B
33764 – 30L	3M™ Dust Extractor 30L 230V. Plug Type I
33753 – 45L	3M™ Dust Extractor 45L 100V. Plug Type B
33755 - 45L	3M™ Dust Extractor 45L 230V. Plug Type I
33759 – 45L	3M™ Dust Extractor 45L 230V. Plug Type F
33760 – 45L	3M™ Dust Extractor 45L 230V. Plug Type B
33761 – 45L	3M™ Dust Extractor 45L 230V. Plug Type G

Product Description

3M™ Dust Extractor is a professional Dust Extractor (vacuum cleaner) designed to help extract dust during autobody sanding and various types of industrial work. Fitted for connection to a pneumatic tool and/or electric tool.



45L



30L

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Features

- Electro pneumatic/Multiple tool connection
- Automatic on/off
- Auto Filter Cleaning - 45L model
- LED “service interval” notification
- Compact/portable
- Antistatic hose

Product Specification

Power	1x1200W
Weight	10.5kg(30L) 13.5kg(45L)
Max power socket	1x2400
Vacuum	2000 mmH^2O
Noise EN 60704-3	70dB – 30L 73dB – 45L
Tank Capacity	30L 45L
Air flow	3400 l/min
Suitable for Dust Class	L
Filter surface	1 m^2
Pneumatic tool connections	1(30L) 2(45L)
Electric too socket	1
Air quick coupling tools	1- 30L 2- 45L
Working pressure	6 bars
Max compressed air capacity	1450 l/min
Automatic Filter Cleaning	30L - No 45L- Yes
ID vacuum nozzle	50mm
Filter	Polyester
Compressed air inlet	3/8” G Female

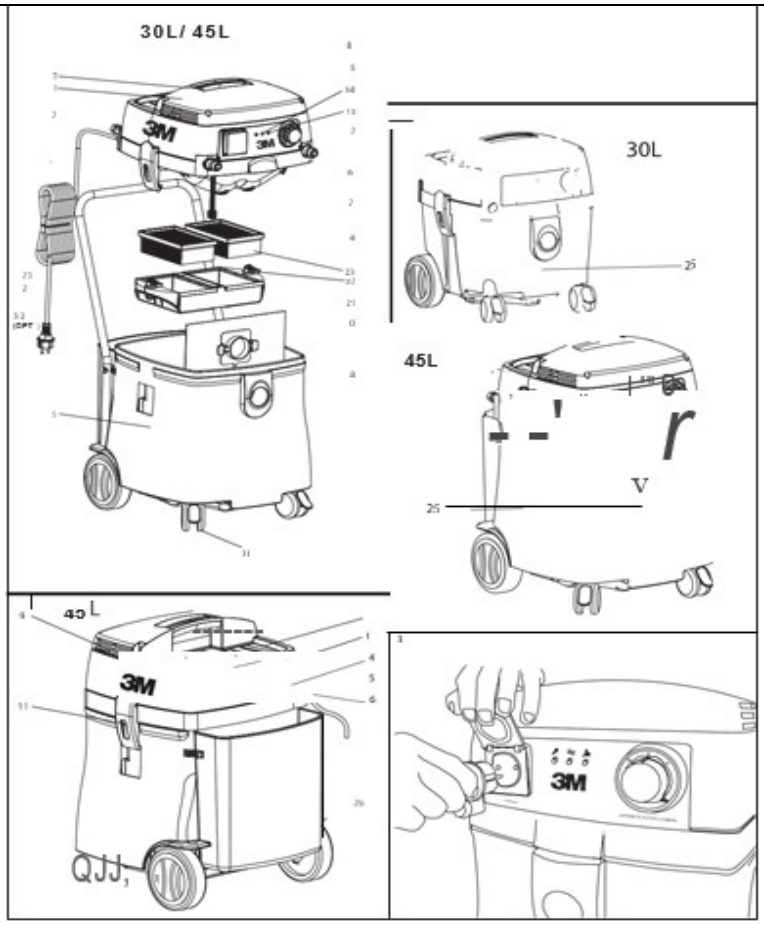
Product Uses

Dust Extractors are designed to be used with Pneumatic Random Orbital sander and/or Electric Random orbital sander to collect dust during auto body repair sanding operations.

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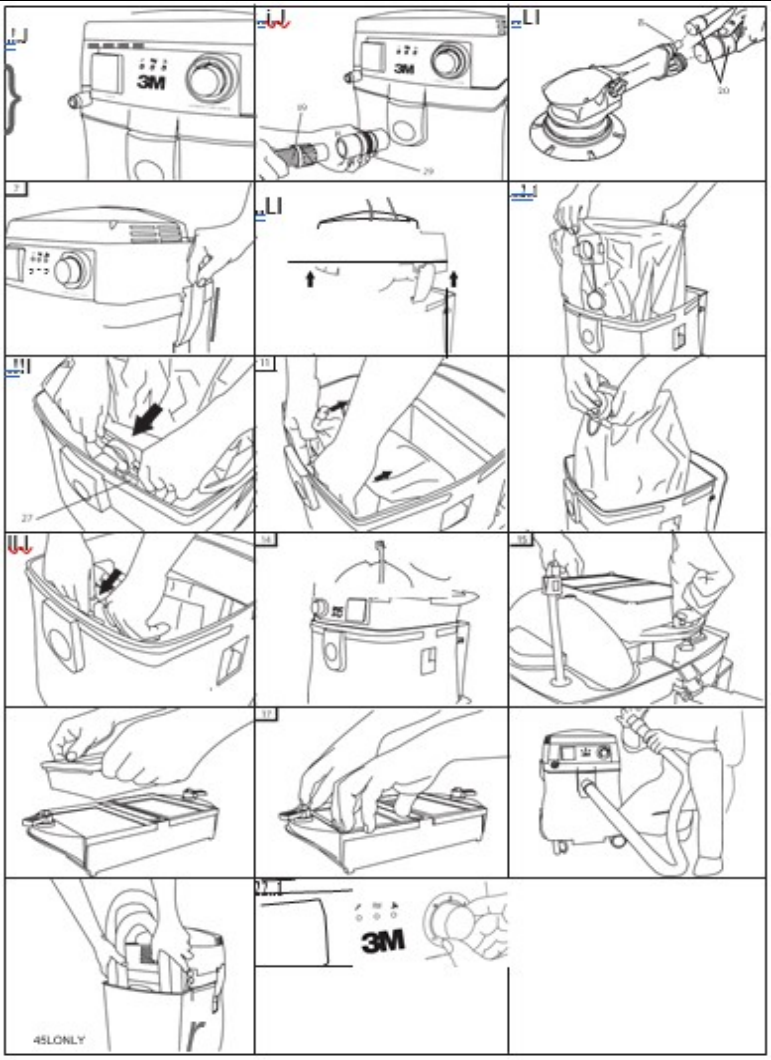
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Assembly instructions



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Operating Instructions

START-UP

Power supply

- Turn the main switch (12) to “o” (off) before connecting this appliance to the supply mains;
- Supply mains voltage and frequency must match the identification plate;
- Connect to power socket outlets provided with earth conductor and adequate protections.

Compressed air mains

- Do not exceed 6 bar; (90 psi)
- Dehumidified and filtered air required;
- Connect the appliance to the compressed air main with a hose suitable for the air pressure and int. diam. 10 mm (3/8 in.) min.

Assembling the swiveling adaptor(29) - Insert the adaptor in the inlet nozzle(28).

Electrical tool connection

- Check for the tool switch turned off before connecting it to the front panel socket outlet:.
- Insert the tool plug into the front panel socket (16) (pic. 3);
- Connect the tool to the swiveling nozzle with the hose (19) (pic. 5);
- Do not plug electric tools exceeding the power indicated on the front panel.

Pneumatic tool connections

- **Check for the tool switch turned off before connecting it to the front panel quick coupling;**
- **Connect the tool to the appliance with the quick couplings (17) (pic. 4) and (18) (pic. 6);**
- **Connect the coaxial hose (optional) to the quick coupling (20) (pic. 6).**

Machine Use

The machine can operate in manual or automatic mode: to select the mode, turn the switch (12) to the right (automatic mode) or to the left (manual mode) (pic. 20). The green indicator (13) turns on when the vacuum motor starts.

Using the machine in automatic mode (A)

Automatic operations mean that the vacuum starts when an electrical or pneumatic tool is turned on. The vacuum will automatically turn off eight seconds after the tool is turned off.

Using the machine in manual mode (M)

Manual operations mean that the vacuum runs continuously. Power on the front panel outlet socket is permanently active during manual running.

Adjusting the vacuum level

The vacuum level can be adjusted in both operating modes by turning the knob (12) towards the “min” position until the desired power is reached.

Automatic cleaning of the filters - 45L only (when equipped)

The machine has a timed filter cleaning system that maintains the vacuum strength.

Operating Instructions Continued

It is also possible to perform a complete cleaning cycle as follows (pic. 18):

- Switch the machine off;
- Cap the vacuum hose;
- Restart the machine keeping the hose capped for 15 seconds.

Only use 3M recommended/approved hoses.

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Precautionary Information

To reduce the risks associated with hazardous voltage and property damage:

- Do not use the dust extractor outside of the temperature ranges of 10 C and 35 C or above the relative humidity of 50% to 90%.

To reduce the risks associated with exposure to contaminant and electrostatic discharge:

- Use only 3M authorized parts and accessories including hoses, attachments, bags, and filters.

To reduce the risks associated with exposure to contaminant:

- Dispose of all process dust in accordance with all applicable regulations.
- Minimize the spread of dust during replacement of the dust bag and/or filter.
- Do not use without the filter or the filter bag in place.
- Immediately disconnect the dust extractor from the electrical mains if dust is ejected from air outlet.

To reduce the risks associated with hazardous voltage:

- The dust extractor shall be stored indoors only.

To reduce the risks associated with impact:

- Do not lift or transport the dust extractor by the handle using a lifting device.

To reduce the risks associated with tripping and falling:

- Always route the cable and hose carefully to avoid creating a trip hazard.

To reduce the risks associated with whipping, hazardous pressure or rupture:

- Ensure supply hose is oil resistant and is properly rated for required working pressure.

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Technical Information

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