

POWER A C CLEAN



OPERATING MANUAL



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OVERVIEW

An ultrasonic cell with a frequency of 1.7 MHz transforms the liquid into small droplets of <5 micron diameter. This vapour is blown through the Power-Clean AC outlet tube. The Power-Clean AC Bacteria & Odour Remover treatment vapour is then drawn into the vehicle's recirculation system, through the cabin filter and into the heater box/evaporator eliminating contamination and associated bad odours.

The Power-Clean AC Bacteria & Odour Remover treatment takes about 15 minutes at 22°C and is automatically stopped, either at minimum fluid level or at the end of the treatment time. At higher temperatures the treatment time may be shorter, at lower temperatures the treatment time may be longer. The machine automatically calculates the correct treatment time.

An annual treatment with Power-Clean AC assures a bacteria and odour-free air conditioning system.



OPERATING INSTRUCTIONS



1 Add one bottle of 100 ml Power-Clean AC Bacteria & Odour Remover in to the machine.



2 Attach outlet tube.



3 Place the machine upright, in a level position in the front passenger footwell.



4 Connect power to vehicle 12V DC supply (cigarette lighter or other).



5 Start engine.



6 Activate air conditioning system.



7 Set internal temperature to 22°C.



8 Set fan speed to low / medium speed.



9 Set ventilation to "recirculate".



Set air flow to the centre dashboard vents only.



Position the outlet tube towards the air inlet opening.



Push the 'START' button to start the cleaning procedure (approx. 15 mins).



Exit vehicle and close the doors.



The machine automatically stops on completion or at minimum fluid level.



When machine is complete, open doors and vent for 5 mins



Disconnect power source.



Remove outlet tube and dispose of residue.



Rinse the machine with water (max. 100 ml).



Empty water from the machine.



Put cap back on filling opening.



SCAN TO WATCH THE FULL INSTRUCTIONAL VIDEO

MAINTENANCE

Dispose of residue:

1. Unplug the machine
2. Remove the outlet tube
3. Empty the reservoir

After use:

1. Add 100 ml water and gently swirl
2. Clean ultrasonic cell with a soft brush
3. Empty machine
4. Check the filter in front of the ventilator:
remove dust or replace filter
5. Rinse the outlet tube with water
6. Clean the outside of the machine with a damp cloth

Change of filter:

1. Redraw sleeve from bottom side
2. Exchange filter
3. Fix sleeve again

LED INDICATION

Blue “cleaning”

Cleaning process is being carried out.

Green “ready”

Machine is ready for use.
Push start / stop button.

Orange “incorrect liquid level”

The liquid level is too low / high.
Empty the machine and refill with a new bottle (100 ml).

Red “high temperature”

The temperature is too high (>50°C).
Let the machine cool down.

TECHNICAL DATA

Voltage source: 12 V DC

Weight: 2.4 kg

Capacity at 22°C: 265 ml/hour

Fuse: 16 A

Power consumption ultrasonic
nebulization: 65 to 95 W

Dimensions (DxWxH): 24.5 cm x 15 cm x 16
cm (20 cm with handle)

Dimensions with outlet tube (DxWxH):
34 cm x 15 cm x 25.4 cm

SAFETY REQUIREMENTS

- » Do not put the machine on a slope when it is filled or connected to a voltage source.
- » Do not use the machine if damaged.
- » Never open the apparatus when the voltage source is switched on.
- » Operating temperature range: 0 to +50°C.
- » Storage temperature range: -30 to +90°C.
- » Aerate the vehicle for 5 to 10 minutes after treatment.

TROUBLESHOOTING

No vapour or very little vapour is produced

- » Check voltage source (green LED illuminated).
- » Check if there is a warning light illuminated.
- » Check the ventilator function; if necessary clean the filter in front of the ventilator, check if the outlet tube has an obstruction.
- » Check the working of the ultrasonic cell

LED (orange) low level or high level illuminates

- » Check that the machine is horizontal.
- » Empty the reservoir and fill it again (100ml).
- » Check the connections of the level measuring device.

LED (red) high temperature illuminates

- » Check operating temperature of the machine 0 to +50 °C.

Liquid flows out of the overflow opening at the bottom of the machine

- » Too much liquid has been added.
- » The machine was on a slant and has been put upright again.

ATTENTION:

Do not open the machine.

In the unlikely event of a defect, contact your Forté Salesman

GUARANTEE

Power-Clean AC has been thoroughly tested before shipping. This guarantee covers all manufacturing and material defects for 2 years from the delivery date and only covers parts and labour costs. Shipping costs will be extra to the customer. The guarantee is not valid if the Power-Clean AC unit has been opened or tampered with prior to sending it back to Forté for inspection.

Damages due to overloading, improper use, application of unauthorised products, shocks, accidents, use of the machine for purposes other than the prescribed applications, are all excluded from the guarantee.

The Power-Clean AC can be locally repaired following written consent by Forté. This consent will be given after examination of the specific case by Forté. In case of a complaint please also send a copy of the purchase invoice. It is also important to indicate the unit serial number on the invoice.

STANDARDS COMPLIANCE

Forté declares at one's own risk that the Forté Power-Clean AC machine delivered by Forté meets the following standards:

- * 2014/35/EU
- * 2014/30/EU
- * EN61000-6-1/3
- * EN61000-3-2/3
- * EN61000-4- 2/3/4/5/6/8/11
- * ENV50204

according to the directives of:

- * 73/23 EC
- * 89/336 EC
- * 93/68 EC
- * 91/263 EC
- * 92/31 EC
- * 93/68 EC



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