

## EHC PORTABLE EXHAUST FUME FILTERS - L20



### DESCRIPTION

Mount the EHC L20 filter on trucks, buses and other heavy vehicles to reduce exhaust particles by up to 99 percent when driving short distances at low RPM indoors. The exhaust filters are mounted directly on the exhaust pipes of vehicles via suitable adaptor.

Along with soot, the filter separates mutagenic, carcinogenic and allergy producing substances found on the particles. The filter function is activated immediately when the engine is started, and provides maximum flexibility for indoor use.

A L20 Filter Unit, Filter Cartridge & Connection adaptor is required. Match your exhaust diameter to suitable diameter adaptor. Use angled adaptor for a downward facing exhaust.

### L20 FILTER UNIT + ANGLED ADAPTOR



### TECHNICAL SPECIFICATION

Reduces particles > 99% including mutagenic, cancerous and allergy producing substances attached to the particles.

<b>Engine Size</b>	Max. 10 L ( 1 x L20 unit)
<b>Max. Temperature</b>	Standard filter element (4120171) 200°C Reinforced filter element (4120371) 300°C
<b>Filter Life</b>	EHC L20 > 100 starts The lifetime is dependent on the engine size, engine type, usage and engine condition.
<b>Weight</b>	EHC L20 complete 7 kg EHC L20 x2 complete 11 kg

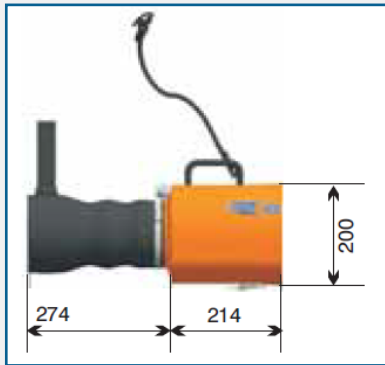
Filter EHC L20 complies with emission standards in TRGS 554 (D), COSHH (GB), VERT (CH) B272 and TuV Nord nr. 0931TP00149.



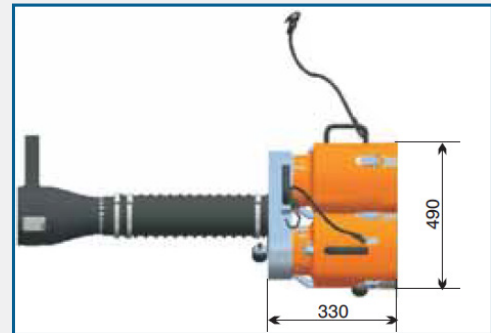
AES OFFER INSTALLATION AND SERVICE SUPPORT FOR ALL EQUIPMENT

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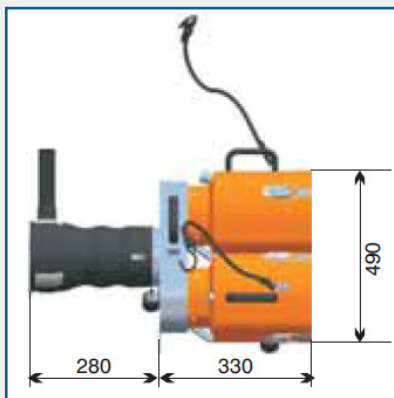
EHC L20 PIPE



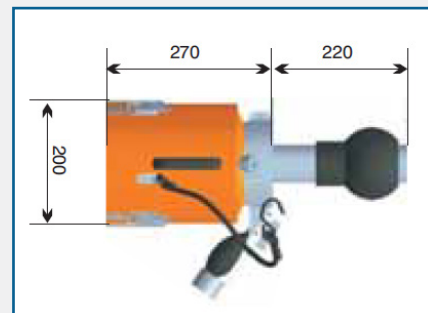
EHC L20 DOUBLE, HOSE



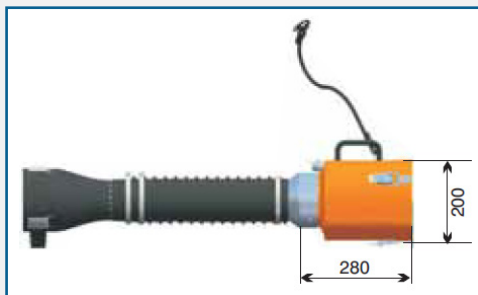
EHC L20 DOUBLE, PIPE



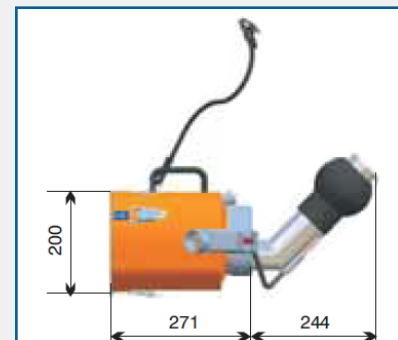
EHC L20 BELLOW



EHC L20 HOSE



EHC L20 BELLOW, ANGLE



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## OPERATING INSTRUCTIONS - L20 WITH BELLOWS ADAPTOR

The L 20 filter system is an exhaust cleaner for TEMPORARY driving of vehicles in factories, ships, workshops and exhibition halls etc.

The filter functions immediately on start up, giving maximum flexibility indoors and is not affected by moisture. The filter separates mutagenic, cancerous and allergy-producing substances attached to particles in the exhaust.

### FITTING SYSTEM WITH BELLOWS TYPE ADAPTOR

1. Push the pipe with bellows up the exhaust pipe as far as possible.
2. Pump the hand pump on the handle until the bellows inflates to seal the pipe. When the bellow is fully inflated the hand pump will become stiff. **DO NOT OVER INFLATE.**
3. With the rubber safety cord and hook, attach it to the vehicle to support the weight of the unit.
4. Start the vehicle and check that the bellows is still secure and there is no leakage of gases. Avoid over revving the engine.
5. To remove the unit, depress the black switch in the handle then you will hear the compressed air flowing out and the unit comes out of the pipe without force.
6. Remove the safety cord and hook from the vehicle.

**Caution should be taken when handling the unit as it may be hot.**

### CAPACITY

- Max Engine capacity L20 16.0 L
- Drive with low engine revs for maximum filter efficiency.

The safety valve is fitted with a replaceable membrane. When the filter element is full the membrane will rupture indicating that the filter needs to be replaced.

### TO REPLACE FILTER ELEMENT

1. Replace the membrane by screwing off the top of the safety valve. Remove and discard used membrane.
2. Fit the new membrane included with the filter and screw on the top.
3. Remove safety catches from the three clips holding the end cap on. Open the filter body.
4. Pull the filter out with the strap on the back of the filter and dispose of it in normal waste.
5. Clean out filter housing with a cloth and fit filter. Replace the end cover, attach clips and refit safety catches.