

# „DAVID“

## Electrostatic Industrial Precipitator



**Bristol**

Machine tool technology  
from Germany



### Electrostatic Oil-/Emulsion- and Smoke Absorption on Machine Tools Small in size – big in efficiency

For oil- and emulsion fog- and smoke extraction and elimination of fully enclosed modern machine tools in most cases an airvolume of about 800 to 1000 m<sup>3</sup>/hr is fully sufficient. So, our "DAVID" will add to our comprehensive range of ESP's.

The little "DAVID" is very efficient and does not need a lot of maintenance. Aerosoles and smoke-Particles are eliminated with high efficiency. A baffle plate pre-absorber and a close wire-mesh prefilter is standard. The 180 mm diam. inlet incorporates an adjustment-flap.

The "DAVID" can be fitted horizontal or vertical. The noise-level is low. Power consumption is only 0,3 kW. The maximal airflow of 1000 m<sup>3</sup>/hr enables fitting on many enclosed machine tools or other installations.

Already standard equipment with many well-known machine tool manufacturers.

## Model „DAVID“

### Modern ESP for Machine Tools



Our latest addition to the range was named "DAVID", since it combines efficiency and a small size. Also, its price is quite low and enables many machines to be equipped.

The airvolume/adjusted by a flap on the inlet is about 800 to 1000 m<sup>3</sup>/hr, which is the airflow required on many fully enclosed modern machines and installations. Ofcourse, also at other applications where this airflow is sufficient.

The housing is Bristol-like strong design, mild steel, powder-coated to a range of RAL-shades or -on request- to customers special colour. Vertical- or alternatively horizontal fitting is possible. Four each M8 dia. fitting bushes are provided.

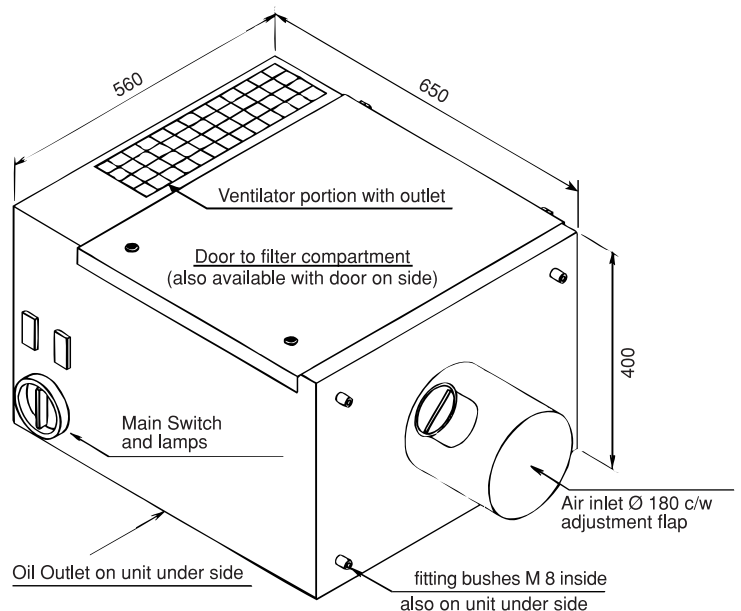
Filtration area totalles 9m<sup>2</sup> and the ionizer wires are 6,6 metres. With the pre-filtration elements, this guarantees a very high efficiency.

#### Main technical datas:

Air volume: 800 to 1000 m<sup>3</sup>/hr  
integrated adjustment flap

Filter set-up: Baffle-plate pre-absorber  
Close wire-mesh prefilter 20 mm  
combined Ion./Coll. Cell  
- total filter area 9 m<sup>2</sup>  
- total wire length 6600 mm  
After filter element 20 mm

Electrics: fully wired, ready-to-fit.  
Cable length 3 m with standard plug.  
230 Volts, 300 Watts  
or any other voltage on request.  
Bristol-Powerpack 7 kW.



We reserve the right to change specifications.

#### Price, ready to plug-in:

#### Our agents next to you:



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