

AIR ELBARON®



Electrostatic Air Cleaner System RON60 and RON100 with EC Fan

The ELBARON® filter series has been developed specifically for use in processing with pure oil/extraction of oil mist and oil smoke. The high precision Ionizer Collector Cells specially manufactured in combination with the extremely efficient high voltage transformer have resulted in one of the most efficient electrostatic filter systems on the market.

The electrostatic filter cell is the heart of the ELBARON® filter device. A high voltage field is built up in the Ionizer within the cell to electrically charge the particles that pass through the field. What is important for this high voltage field is a high, stable voltage on the one hand, and the shortest possible distance between the cell plates on the other. The high-tension field and further technical details, for example, the consistent air distribution via an integrated air expansion area, allows for the highest possible filtration efficiency and long service intervals.

Advantages of ELBARON®:

- ✓ Available as simplex (one cell) or duplex (two cell) variations
- ✓ Electronically controlled, highly efficient EC driven fans
- ✓ High energy savings
- ✓ Adaptable to pollutant levels and air power requirements
- ✓ A wide range of assembly and connection equipment



AIR

Device type ELBARON®	RON 60 SV-EC	RON 60 D1V-EC RON 60 D2V-EC	RON 100 SV-EC	RON 100 D1V-EC RON 100 D2V-EC
Suction performance (m³/h)	350	350	730	730
Total power consumption (kW)	0,09	0,105	0,11	0,14
Operating voltage (other voltage available on request)	230 V, 50/60 Hz, 1PH + N + PE	230 V, 50/60 Hz, 1PH + N + PE	230 V, 50/60 Hz, 1PH + N + PE	230 V, 50/60 Hz, 1PH + N + PE
Noise level (db(A))	52	52	54	54
Dimensions L/W/H	L 329 / W 374 / H 510	L 329 / W 374 / H 703	L 353 / W 542 / H 540	L 353 / W 542 / H 726
Weight	25 kg	30 / 35 kg	45 kg	54 / 63 kg
Colors (other colors on request)	RAL 7035	RAL 7035	RAL 7035	RAL 7035

