

Installation of cooling fans in acoustic booths AB-xx



The size of the cooling fan is dependent on the motor size of the blower. The picture shows, from left, article numbers:

- 9258408501
- 9258340301
- 9258340303

Cooling fan type 4656 ZW (article number 9258408501)

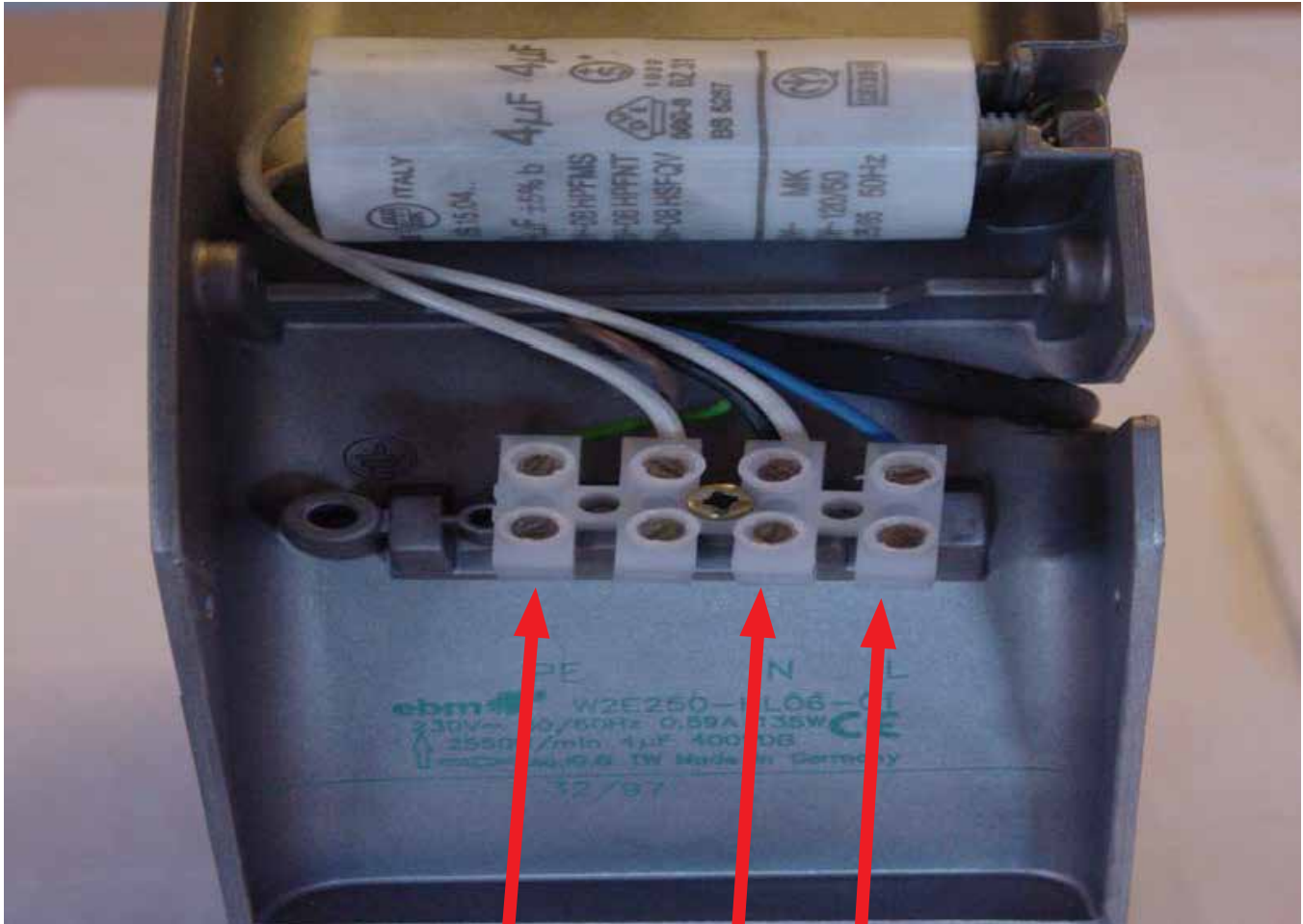
Electric connection 230 V, 50/60 Hz, IP20, applied for max. 1,1 – 15 kW blower motors.
Applicable for acoustic booths type AB-20, AB-30 and AB-40.

Cooling fan type W2E 200 HH 38-05 (article number 9258340301)

Electric connection 230 V, 50/60 Hz or 230/400 V, 50/60 Hz, IP44, applied for 15 – 50 kW blower motors.
Applicable for acoustic booths type AB-30, AB-40 and AB-50.

Cooling fan type W2E 250 HL 06-01 (article number 9258340303)

Electric connection 230 V, 50/60 Hz or 230/400 V, 50/60 Hz, IP44, applied for 50 – 110 kW blower motors.
Applicable for acoustic booths type AB-50 and AB-60.



□

PE

N

L

9258408501 - Can only be connected as 1-phased motor. There is one 0-wire, and one 1-wire. The direction of rotation can only be changed by dismounting the fan, turning it 180°, and reinstalling in new position.

9258340301 and 9258340303 - Can be connected as 1-phased or 3-phased motor. The terminal block is shown above. Supplied as standard as 1-phased motor with mounted phase capacitor. The 0-wire must be connected to "N", and the 1-wire must be connected to "L". The direction of rotation can only be changed by dismounting the fan, turning it 180°, and reinstalling in new position.

If a 3-phased connection is desired, both wires from the phase capacitor is dismantled (connected to the terminal without marking, and the N terminal), and the capacitor removed. The three phase wires can now be connected to the terminals without marking, "N" and "L". The direction of rotation can now be changed by exchanging the connection cables of terminal "N" and "L".

All fans should be connected to earth, marked "PE".