

# DUAL BLOWER UNIT FOR LM 3086 EPA3 / SE / SER



**Product number:** 960-009

Prices are only visible to registered users (available soon).

**960-009 dual blower unit** is designed to work with MIP LM 3086 EPA3 / SE / SER dust monitors. One dual blower unit can serve purge air for one LM 3086 series dust monitor. This blower model is suitable for LM 3086 SE starting sn: 3195139, LM 3086 EPA3 starting sn: 730363 and all LM 3086 SER dust monitors. Standard model is with 19 mm air hose. The 38 mm version is designed for installations, where the blower unit may not be installed in close proximity to the receiver / transmitter units.

- HS code: 9027109000 -- Origin: FI EAR99
- Shipping dimensions: 1 carton 35 kg – 58x38x54 cm & 1 carton 5 kg - 40x40x21 cm
- Estimated lead time: 8-10 weeks from order

## Technical details

<b>Voltage</b>	1-phase 230 V, 0,4 kVA	1-phase 230 V, 0,4 kVA
<b>Frequency</b>	50 Hz	50 Hz
<b>Current consumption</b>		
Current on light load	1,6 A	1,6 A
Current on heavy load	2,9 A	2,9 A
<b>Motor capacitor</b>	25 µF / 450 VAC	25 µF / 450 VAC
<b>Air flow (typical values)</b>	0,92 m <sup>3</sup> / min	0,92 m <sup>3</sup> / min
to receiver unit (840-011) with 5 m long air hose	250 liters /min	470 liters /min
to transmitter unit (930-006) with 5 m long air hose	350 liters /min	470 liters /min
<b>Max pressure</b>	145 mbar	145 mbar

<b>Air hose (inside dia)</b>	2 x 19 mm	2 x 38 mm
<b>Intake filter type (fine filter)</b>	851Z (Solberg)	851Z (Solberg)
<b>Filtration fine / coarse</b>	1um @ 99,9% / G4 (EN779)	1um @ 99,9% / G4 (EN779)
<b>Enclosure ventilation (coarse filter)</b>	4 x PFA20.000 (Pfannenberg)	4 x PFA20.000 (Pfannenberg)
<b>Filter mats (coarse filter)</b>	18611600034 (Pfannenberg)	18611600034 (Pfannenberg)
<b>Max. distance (blower – receiver) (stack press. &lt; 0mbar)</b>	12 m	12 m
<b>Amb. temperature range</b>	-20 to +60 °C (recommended -5 to +40 °C)	-20 to +60 °C (recommended -5 to +40 °C)

## Delivery contents

### **Blo3-SD19-SP, air hose inside diameter 19 mm (standard model)**

#### **Standard delivery includes:**

- Blower with operation voltage 230 V/50Hz
- 5 m steel wire enforced air hose; inside diameter 19 mm
- Two-stage filtering: Large volume coarse air filter and 1µm @99 % fine particle filter.
- IP55 (NEMA 12) compliance

### **Blo3-SD38-SP, air hose inside diameter 38 mm**

#### **Standard delivery includes:**

- Blower with operation voltage 230 V/50Hz
- 5 m steel wire enforced air hose; inside diameter 38 mm
- Two-stage filtering: Large volume coarse air filter and 1µm @99 % fine particle filter.
- IP55 (NEMA 12) compliance