TEKA
The Air Cleaners

NOW WITH EFFICIENT
EC FANS




# AirTech

## DUCT-FREE WORKSHOP VENTILATION UP TO 30,000 m³/h

**Benefits:**

- Power without ductwork: Up to 30,000 m³/h from one unit, with no additional ducts.
- Plug & Play: Position, connect and start.
- Efficient: EC fans save energy and space.

# CLEANS WORKSHOP AIR.

The AirTech is an ambient air cleaning system. It cleans the air throughout the workshop, reducing exposure to dust, fumes and vapours. The unit stands freely in the workshop, with no ductwork or ceiling or wall mounting. It offers flexible use, for example with large components or changing workstations where local extraction cannot reach every area.



# YOUR WORKSHOP HAS SOMETHING TO SAY.

A fine layer of dust settles on the shelves. The skylights look dull from inside. And in winter, the door stays open because the air feels stagnant. Every day, your workshop shows you what is in its air.

Production processes generate fumes, dust and vapours. Some spread throughout the workshop. The AirTech removes them: it draws in air from the sides, filters out over 99% of airborne particles and returns clean air at the top. No ductwork, no alterations – up to 30,000 m³/h from a single unit.

Clean workshop air starts with a decision. We show you on site what your workshop needs.




**We measure the actual dust and fume levels in your workshop on site. You receive documented results for your premises and a clear recommendation for the right solution.**

**Adjustable long-throw nozzles**

For optimal distribution of clean air throughout the workshop

**Side air intakes instead of ductwork**

Position the unit, connect it and clean the air – no time-consuming installation required

**Advanced filter technology**

Long filter life thanks to a large, high-quality filter area and automatic, on-demand cleaning

**Designed for easy maintenance**

Access doors for all sections and a dust discharge system make the unit easy to maintain



# UP TO FOUR EC FANS POWER THE AIRTECH.



**1** **Less power, lower running costs**
Power consumption is significantly lower than with AC motors, especially at partial load, because our EC motors maintain high efficiency across the entire speed range.

**2** **Consistent cleaning performance**
As the filters become loaded, the AirTech maintains the target airflow for longer, thanks to the higher pressure generated by EC fans.

**3** **Fewer components, fewer faults**
The control system is located directly on the fans. There is no need for an external frequency converter—and thus no need for a cooled control cabinet, through whose ventilation system dust could enter and, over time, lead to malfunctions.

**4** **No separate control cabinet**
The controls are mounted directly on the AirTech. There is no need for a separate control cabinet or the wiring to connect it.

**5** **If a fan fails, the AirTech keeps running**
If one fan fails, the AirTech continues at reduced capacity, with the remaining fans taking over.

**6** **Less downtime for maintenance**
Fans can be replaced quickly, keeping downtime short, because each unit is small and lightweight.

ENGINEERED TO PERFORM

# EVERYTHING AT A GLANCE

## TECHNICAL DATA

| | AirTech P18 | AirTech P24 | AirTech P30 |
|---|---|---|---|
| Article number | 940141618050300 | 940141624050300 | 940141630050300 |
| Filter stages | | 1 | |
| Number of nozzles | 17 | 20 | 24 |
| Filter area | 9 x 36 m² | 9 x 36 m² | 12 x 36 m² |
| Separation efficiency | | > 99 % | |
| Control system | | TouchControl Evolution | |
| Filter cleaning | | automatic | |
| Max. fan airflow | 18,000 m³/h | 24,000 m³/h | 30,000 m³/h |
| Motor power | 11.0 kW | 15.0 kW | 22.0 kW |
| Supply voltage | | 400 V | |
| Mains frequency | | 50 Hz | |
| Current draw | 22.5 A | 30 A | 43 A |
| Power supply | | 3 Ph+N+PE | |
| Noise level | | approx. 72 dB(A) | |
| Dimensions (W x D x H) | 3,200 x 1,440 x 6,570 mm | 3,510 x 1,880 x 6,810 mm | 3,510 x 1,880 x 6,810 mm |
| Weight | approx. 2,400 kg | approx. 2,750 kg | approx. 2,900 kg |
| Colour | | RAL 7016 | |

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