

**profi-air® touch – profi-air® sensor –
profi-air® flat**

**Efficient ventilation units for heat recovery
ventilation**

**HAUSTECHNIK
VOM
SPEZIALISTEN**



**DRAINAGE SYSTEMS
ELECTRICAL SYSTEMS
BUILDING TECHNOLOGY
INDUSTRIAL PRODUCTS**



profi-air® – heat recovery ventilation made easy

FRÄNKISCHE stands for well thought-out systems and building technology from experts. profi-air, a complete system for heat recovery ventilation (HRV), is no exception.

The flexible air distribution system can be combined with three variants,

namely touch, sensor and flat – depending on the installation situation – and is suitable for application in both new and existing buildings.

Exclusive design grills perfectly complement the system and form a harmonious entity with every room.



Benefits at a glance

The main focus of heat recovery ventilation (HRV) is on healthy ventilation of the building. Properly filtered air ensures a comfortable room

climate and prevents fine dust and allergens from entering. Humidity or mould growth are a thing of the past. profi-air ensures evenly distributed air

exchange, enhanced energy efficiency and stable value of your property.



BUILDING PROTECTION



INCREASE IN
RESALE VALUE



HEALTH PROTECTION



FEEL-GOOD CLIMATE



ENERGY SAVINGS/
INCREASED ENERGY
EFFICIENCY



HYGIENICALLY SAFE



Efficient ventilation units for every need

profi-air 250/400 touch



Ventilation units for wall/floor installation for use in single- and two-family homes.

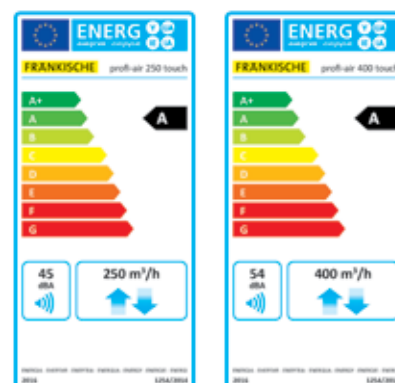
profi-air 250/400 touch focuses on superior user-friendliness. A touch screen on the unit can be used to easily control heat recovery ventilation. A LAN interface allows the system to be operated using smartphones and tablets.

- Available in two performance classes
- Intelligent frost protection strategy
- Automatic summer bypass
- Optional possibility to connect, e.g. a humidity and CO₂ sensor

Technical data

	profi-air 250 touch	profi-air 400 touch
Dimensions W/D/H [mm]	575 x 660 x 825	575 x 660 x 825
Weight [kg]	35	35
Heat recovery level	up to 91 %	up to 90 %
Recommended application [m³/h]	70-250	100-400
Summer bypass	automatic	automatic
Filter class	G4/F5	G4/F5
Optionally	G4/F7	G4/F7
Energy efficiency grade	A or A+*	A
Certification/testing	DIBT, EN13141, SAP App Q	DIBT, EN13141, SAP App Q, EN308

* in combination with two room sensors (humidity and/or CO₂ sensor)





Efficient ventilation units for every need

profi-air 180/300 sensor



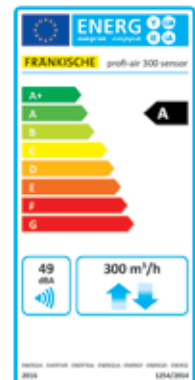
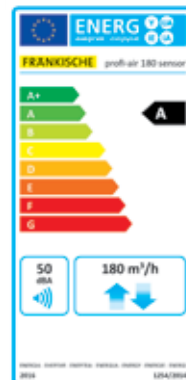
Ventilation units for wall installation for use in apartments and single-family homes.

The integrated humidity sensor guarantees enhanced comfort of living and needs-based supply of fresh air. The compact design of profi-air 180 sensor is ideally suited for space-saving installation in a cabinet, 60 x 60 cm in size.

- Available in two performance classes
- Space-saving installation
- Measuring and adjustment of the entire air volume directly on the ventilation unit
- Integrated control unit (optionally: wireless remote control)
- Intelligent frost protection strategy

Technical data

	profi-air 180 sensor	profi-air 300 sensor
Dimensions W/D/H [mm]	530 x 419 x 1005	590 x 584 x 1055
Weight [kg]	33	45
Heat recovery level	up to 85 %	up to 90 %
Recommended application [m³/h]	70 – 180	90 – 300
Summer bypass	manual	automatic
Filter class	G4/G4	G4/G4
Optionally	G4/F7	G4/F7
Energy efficiency grade	A	A
Certification/testing	DIBT	DIBT





profi-air 180 flat



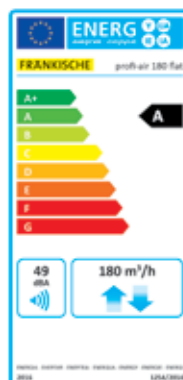
Ventilation units for ceiling installation for use in flats and apartments.

The shallow and compact design of profi-air 180 flat is ideally suited for ceiling installation of the ventilation system. Thanks to a switchable air connection, installers can easily switch between right or left operation.

- Switchable air connection (right/left)
- Measuring and adjustment of the entire air volume directly on the ventilation unit
- External control unit (optionally: wireless remote control)
- Intelligent frost protection strategy
- Automatic summer bypass
- Humidity sensor and/or VOC (room air quality sensor) can optionally be integrated

Technical data

	profi-air 180 flat
Dimensions W/D/H [mm]	600 x 1122 x 279
Weight [kg]	36
Heat recovery level	up to 95 %
Recommended application [m³/h]	70 – 180
Summer bypass	automatic
Filter class	G4/G4
Optionally	G4/F7
Energy efficiency grade	A or A+*
Certification/testing	DIBT, EN13141



* in combination with two room sensors

Overview profi-air ventilation units

profi-air 250 touch



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profi-air 400 touch



78302740

Recommended applications	Single-family home	●	●
	Apartment		
Place of installation	Floor	●	●
	Wall	●	●
	Ceiling		
Application	Air volume [m³/h]	70-250	100-400
	Max. pressure loss [Pa]	260	290
Dimensions	H x W x D (L) [mm]	825 x 575 x 660	825 x 575 x 660
	Connection diameter	4x DN 160	4x DN 180
	Condensate connection	5/4 " MT	5/4 " MT
Labels/ certifications/ testings	Energy efficiency grade	A / A+*	A
	DIBt	●	●
	EN 13141-7	●	●
	EN 308		●
	SAP App. Q	●	●
	Klima House Partner	●	●

Equipment	Fastening	○	○
	Cuffs	○	○
	Control by means of an integrated touch display	✓	✓
	Control by means of an integrated control panel	X	X
	Control by means of an external control panel	○	○
	Control by means of LAN / wireless	✓	✓
	Automatic summer bypass	✓	✓
	Manual summer bypass	X	X
	Humidity sensor for central demand control	X	X
	Extract air / fresh air filter	✓	✓

Caption

✓ = included ○ = optional X = not possible

profi-air 180 sensor

profi-air 300 sensor

profi-air 180 flat



78300718



78300730

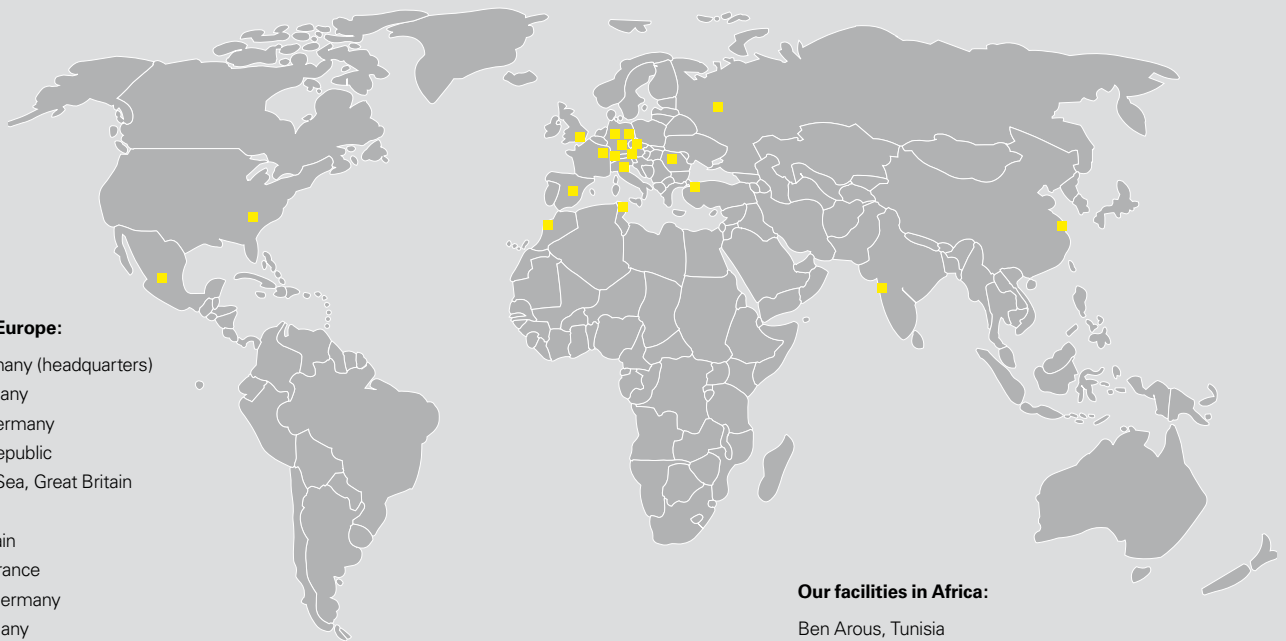


78305718

	●	
●		●
●	●	●
		●
70-180	90-300	70-180
185	190	260
1005 x 530 x 419	1055 x 590 x 584	279 x 600 x 1122
4x DN 125	4x DN 160	4x DN 125
Ø 19 mm hose	Ø 19 mm hose	Ø 19 mm hose
A	A	A / A+*
●	●	applied for
		●
●	●	●

✓	✓	✓
✓	○	○
x	x	x
✓	✓	x
x	x	✓
x	x	x
x	✓	✓
✓	x	x
✓	✓	○
✓	✓	✓

Rooted in Königsberg – globally successful!



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 Schwarzheide, Germany
 Okříšky, Czech Republic
 St.-Leonards-on-Sea, Great Britain
 Moscow, Russia
 Yeles/Toledo, Spain
 Torcy-le-Grand, France
 Ebersbach/Fils, Germany
 Hermsdorf, Germany
 Mönchaltorf, Switzerland
 Milan, Italy
 Istanbul, Turkey
 Cluj, Romania
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Our facilities in Asia:

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Our facilities in Africa:

Ben Arous, Tunisia
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Our facilities in North America and Mexico:

Anderson, USA
 Guanajuato, Mexico

FRÄNKISCHE is an innovative, growth-oriented, medium-sized family-owned enterprise and industry leader in the design, manufacturing and marketing of technically superior corrugated pipe systems for drainage, electrical, building technology and industrial applications.

We currently employ about 3,000 people worldwide. Both our many years of experience and expertise in plastics pro-

cessing, our consulting services and the large array of products are highly valued by our customers.

FRÄNKISCHE is a third generation family owned business that was established in 1906 and is now run by Otto Kirchner. Today, we are globally represented with production facilities and sales offices. The proximity to our customers enables us to develop products and solutions

that are perfectly tailored to our customers' needs. Our action and business philosophy focus on our customers and their needs and requirements for our products.

FRÄNKISCHE – Your partner for sophisticated and technologically advanced solutions.