

Product brochure

profi-air® ventilation units



profi-air 180 flat – profi-air 250 flex –
profi-air 250/400 touch – profi-air 180/300 sensor



profi-air® – Heat recovery ventilation



The profi-air® complete system

FRÄNKISCHE stands for well thought-out systems and building technology from the expert. The profi-air system, a complete system for heat recovery ventilation, is no exception either.

The flexible air distribution system can be combined with different profi-air ventilation units – depending on the

installation situation – and is suitable for application in both new and existing buildings.

Exclusive ventilation grills from the starline design grill collection 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 /
HIGHER
ENERGY EFFICIENCY



HYGIENICALLY SOUND



Efficient ventilation units for every need

profi-air 180 flat – The Flat unit



- **easySWITCH function**
Flexibly changeable air connections to make sure you always have the right unit on site!
- **Wall and ceiling installation**
profi-air 180 flat can be installed both on the wall and on the ceiling.
- **Control via app**
With the free profi-air cockpit app, the air volume can be easily controlled manually by means of a smartphone or tablet.
- **Commissioning software**
The profi-air cockpit pro software facilitates putting into operation and convinces with guided stepwise air volume setting.
- **Passive House certificate***

Technical data

	profi-air 180 flat
Dimensions W/D/H [mm]	600 × 1122 × 279
Weight [kg]	36
Heat recovery level	up to 95 %
Recommended application [m³/h]	70–180
Energy efficiency grade	A or A+**



* pending
** in combination with two room sensors

profi-air cockpit app

Available on Google Play and the App Store free of charge.





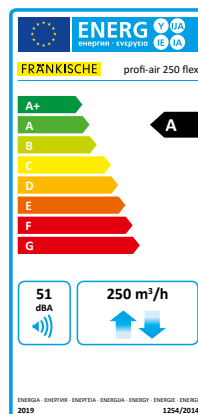
profi-air 250 flex – The All-rounder



- easySWITCH function**
 Flexibly changeable air connections to make sure you always have the right unit on site!
- Flexible connection options**
 The supply air connection is optionally possible also at the bottom side of the unit.
- Very little space required**
 Thanks to its compact design, the unit requires less than 0.3 m² of installation surface, and it can also be installed in a standard cabinet.
- Control via app**
 With the free profi-air cockpit app, the air volume can be easily controlled manually by means of a smartphone or tablet.
- Commissioning software**
 The profi-air cockpit pro software facilitates putting into operation and convinces with guided stepwise air volume setting.
- Passive House certificate***

Technical data

	profi-air 250 flex
Dimensions W/D/H [mm]	540 × 549 × 1056
Weight [kg]	42
Heat recovery level	up to 96 %
Recommended application [m ³ /h]	70–250
Energy efficiency grade	A or A+**



* pending

** in combination with two room sensors

profi-air cockpit app

Available on Google Play and the App Store free of charge.





profi-air 250/400 touch – The Classic



■ Control via touch display

All functions and information can be accessed directly at the ventilation unit. Control is optionally possible also via a smartphone, tablet or notebook without any additional software.

■ Connection via CAN bus

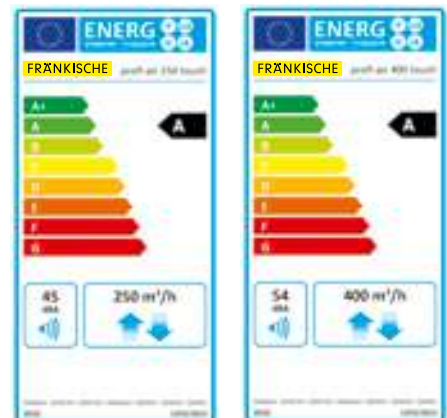
The unit can be integrated into the building management system by means of a CAN bus interface.

■ High air volumes

With profi-air 400 touch, air volumes of up to 400 m³/h can be achieved.

Technical data

	profi-air 250 touch	profi-air 400 touch
Dimensions W/D/H [mm]	575 × 660 × 825	575 × 660 × 825
Weight [kg]	35	35
Heat recovery level	up to 91 %	up to 90 %
Recommended application [m ³ /h]	70–250	100–400
Energy efficiency grade	A or A+*	A



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



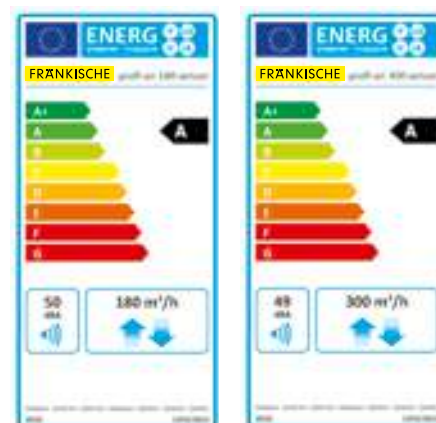
profi-air 180/300 sensor – The Sensor-controlled unit



- Automatic air volume control**
 Thanks to integrated humidity sensors, air volumes can be controlled automatically.
- Compact design**
 Thanks to its compact design, profi-air 180 sensor can be installed in a cabinet.

Technical data

	profi-air 180 sensor	profi-air 300 sensor
Dimensions W/D/H [mm]	530 × 419 × 1005	590 × 584 × 1055
Weight [kg]	33	45
Heat recovery level	up to 85 %	up to 90 %
Recommended application [m ³ /h]	70–180	90–300
Energy efficiency grade	A	A

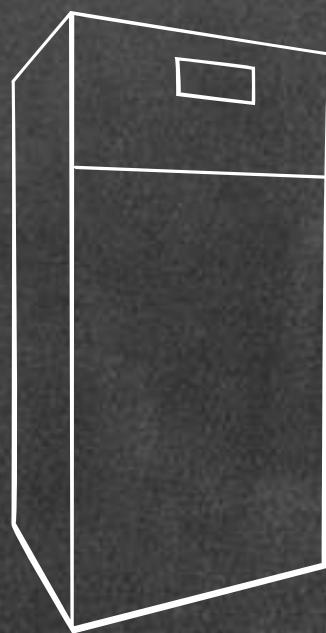


The profi-air®

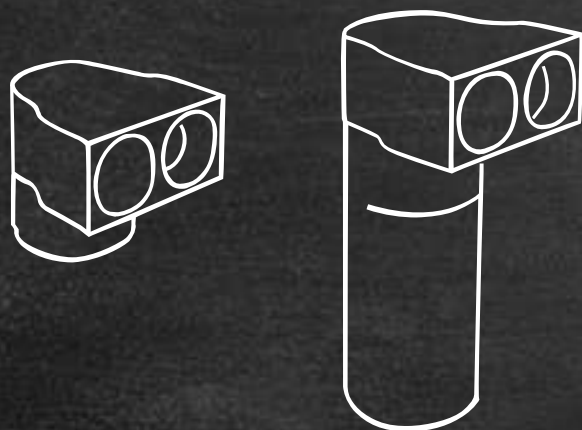
profi-air tunnel and classic pipe systems



profi-air ventilation units

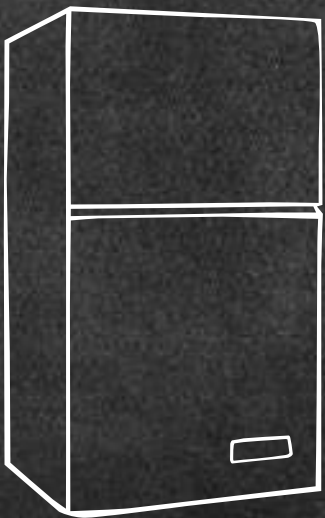
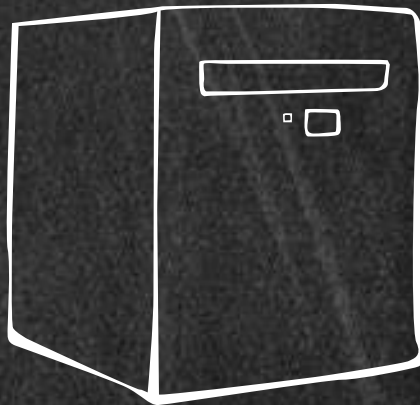
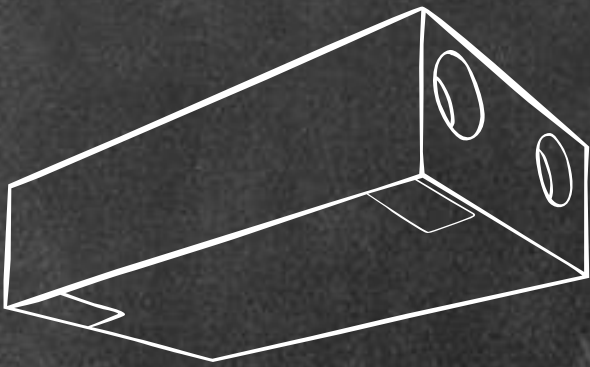
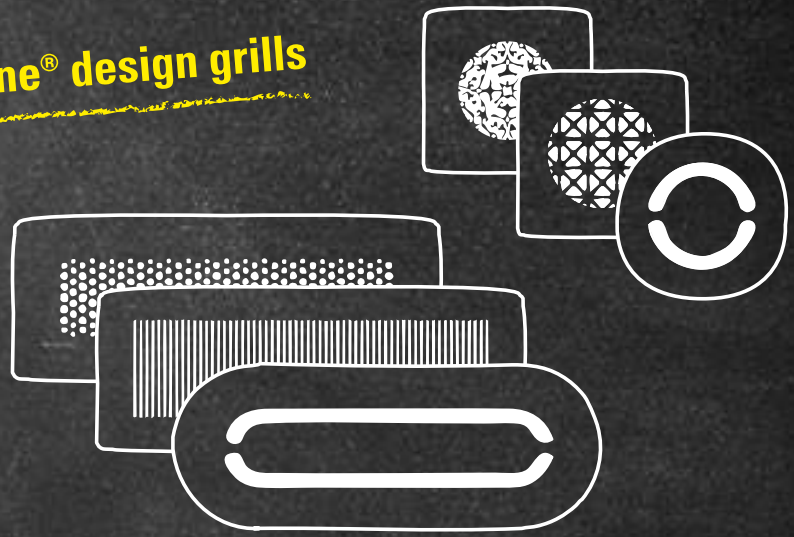


profi-air outlets

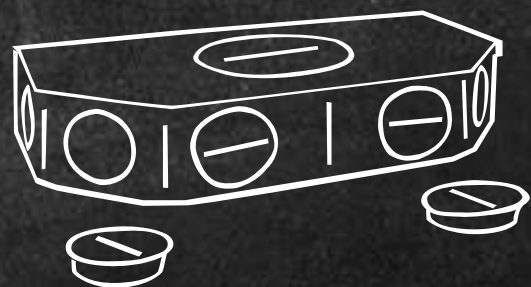


complete system

starline® design grills



profi-air manifold system



Overview profi-air ventilation units

Legend

- ✓ = included
- = available
- = optional
- X = not possible

profi-air 180 flat

profi-air 250 flex



78305718



78304725

Recommended applications	Single-family home
	Apartment
Place of installation	Floor
	Wall
	Ceiling
Application	Air volume
	Max. pressure loss
Dimensions	H x W x D (L)
	Connection diameter
	Condensate connection
Labels / certifications / tests	Energy efficiency grade
	DIBt
	EN 13141-7
	EN 308
	SAP App. Q
	KlimaHaus Partner
PHI	

	●
●	
	●
●	●
●	
70 - 180 m ³ /h	70 - 250 m ³ /h
260 Pa	240 Pa
279 x 600 x 1122	1056 x 540 x 549
4 x DN 125	4 x DN 160
Ø 19 mm hose	Ø 19 mm hose
A / A+*	A / A+*
●	pending
●	●
●	pending
●	pending
pending	pending

Equipment	Mounting
	Connecting pieces
	Control
	Automatic summer bypass
	Manual summer bypass
	Humidity sensor for central demand control
	Switchable air outlet (right / left)
Software	Operation: profi-air cockpit app
	Commissioning: profi-air cockpit pro

✓	✓
○	○
✓	✓
✓	✓
✓	✓
○	○
✓	✓
✓	✓
✓	✓

* in combination with two room sensors

profi-air 250 touch

profi-air 400 touch

profi-air 180 sensor

profi-air 300 sensor



78302725



78302740



78300718



78300730

●	●		●
		●	
●	●		
●	●	●	●
70 - 250 m ³ /h	100 - 400 m ³ /h	70 - 180 m ³ /h	90 - 300 m ³ /h
260 Pa	290 Pa	185 Pa	190 Pa
825 x 575 x 660	825 x 575 x 660	1005 x 530 x 419	1055 x 590 x 569
4 x DN 160	4 x DN 180	4 x DN 125	4 x DN 160
5/4 " MT	5/4 " MT	Ø 19 mm hose	Ø 19 mm hose
A / A+*	A	A	A
●	●	●	●
●	●		
	●		
●	●	●	●
●	●	●	●
X	X	X	X

○	○	✓	✓
○	○	✓	○
✓	✓	✓	✓
✓	✓	X	✓
✓	✓	✓	✓
X	X	✓	✓
X	X	X	X
X	X	X	X
X	X	X	X



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