Product brochure

profi-air® ventilation units

profi-air 130/180 flat – profi-air 250/360 flex

The profi-air® complete system

FRÄNKISCHE stands for well thought-out systems and building technology from the expert: profi-air, the complete system for heat recovery ventilation (MVHR), is no exception.

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 (MVHR) 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, too.

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 130/180 flat – the flat units

- **easySWITCH function**
  Flexibly changeable air connections to make sure you always have the right unit on site!

- **Wall and ceiling installation**
  profi-air 130/180 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 commissioning and convinces with guided stepwise air volume setting.
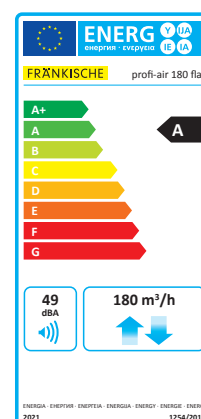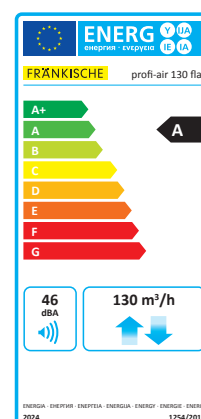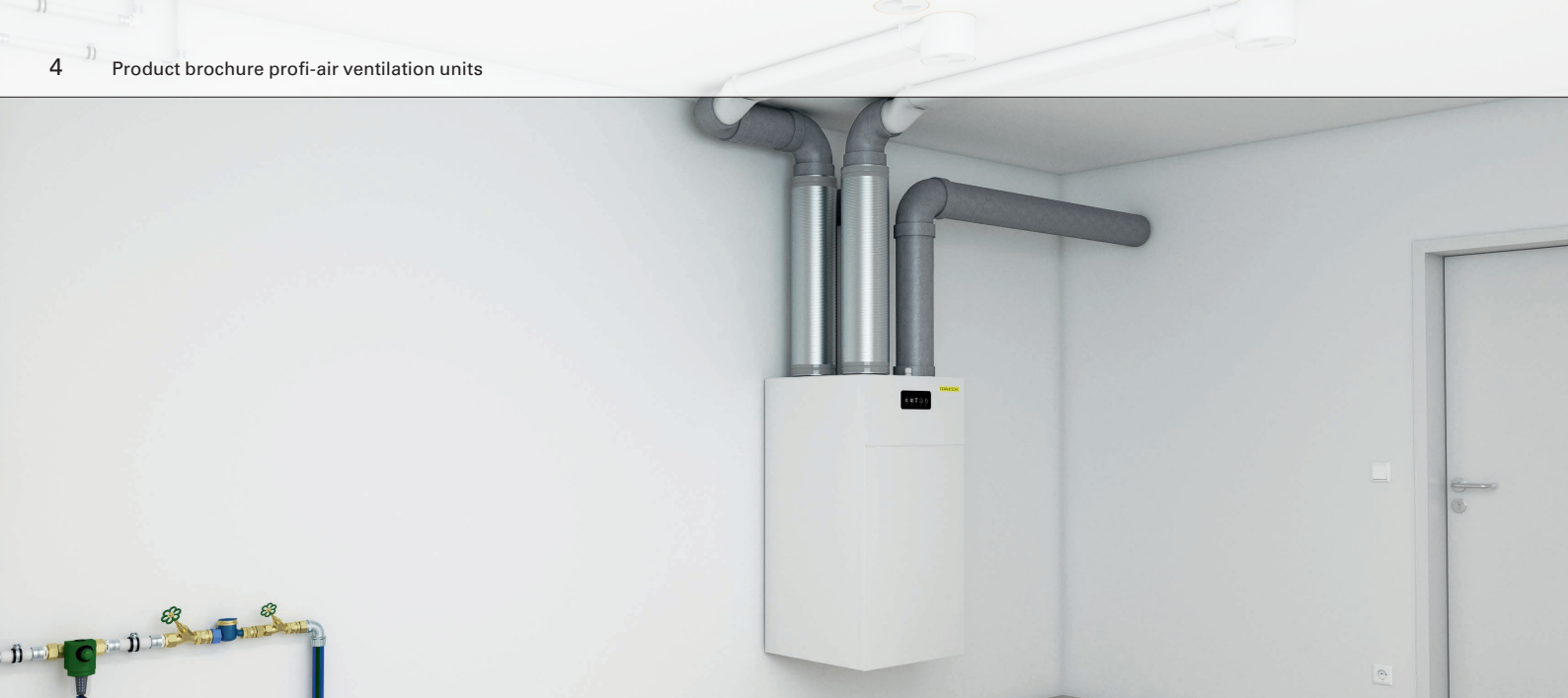
- **Passive house certificate***

Technical data

	profi-air 130 flat	profi-air 180 flat
Dimensions W/D/H [mm]	580 x 900 x 196	600 × 1122 × 279
Weight [kg]	17.5	36
Heat recovery level	up to 86 %	up to 95 %
Recommended application [m³/h]	40–130	70–180
Energy efficiency grade	A	A or A+**

* for profi-air 130 flat pending
** in combination with two room sensors

profi-air 250/360 flex – the all-rounders

■ **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 commissioning and convinces with guided stepwise air volume setting.
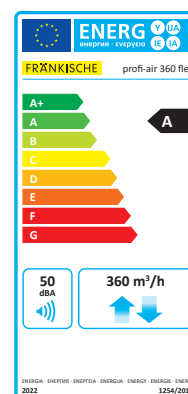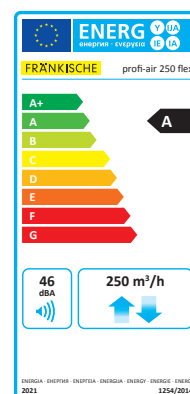
■ **Passive house certificate**

Technical data

	profi-air 250 flex	profi-air 360 flex
Dimensions W/D/H [mm]	540 × 549 × 1056	540 x 549 x 1056
Weight [kg]	42	42
Heat recovery level	up to 96 %	up to 90 %
Recommended application [m³/h]	70–250	100–360
Energy efficiency grade	A or A+*	A or A+*

*   in combination with two room sensors

Digital aids:
profi-air cockpit app and profi-air cockpit pro software

profi-air cockpit app

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

Easy control of your own home ventilation – with the profi-air cockpit app

With the help of the profi-air cockpit app, the owners can easily control their ventilation devices themselves. Depending on the requirement, the user can, for instance, set the operation step, switch between weekly programmes, activate the summer bypass, holiday mode, or night setback.

The ventilation unit can thus be individually and conveniently controlled and monitored via a tablet. The app gives an overview of room temperature, humidity, filter status and air quality.

As soon as the profi-air flat and profi-air flex ventilation units have established a connection with a wireless router, they can be controlled via the app.

profi-air cockpit pro software

Download the profi-air cockpit pro software here.

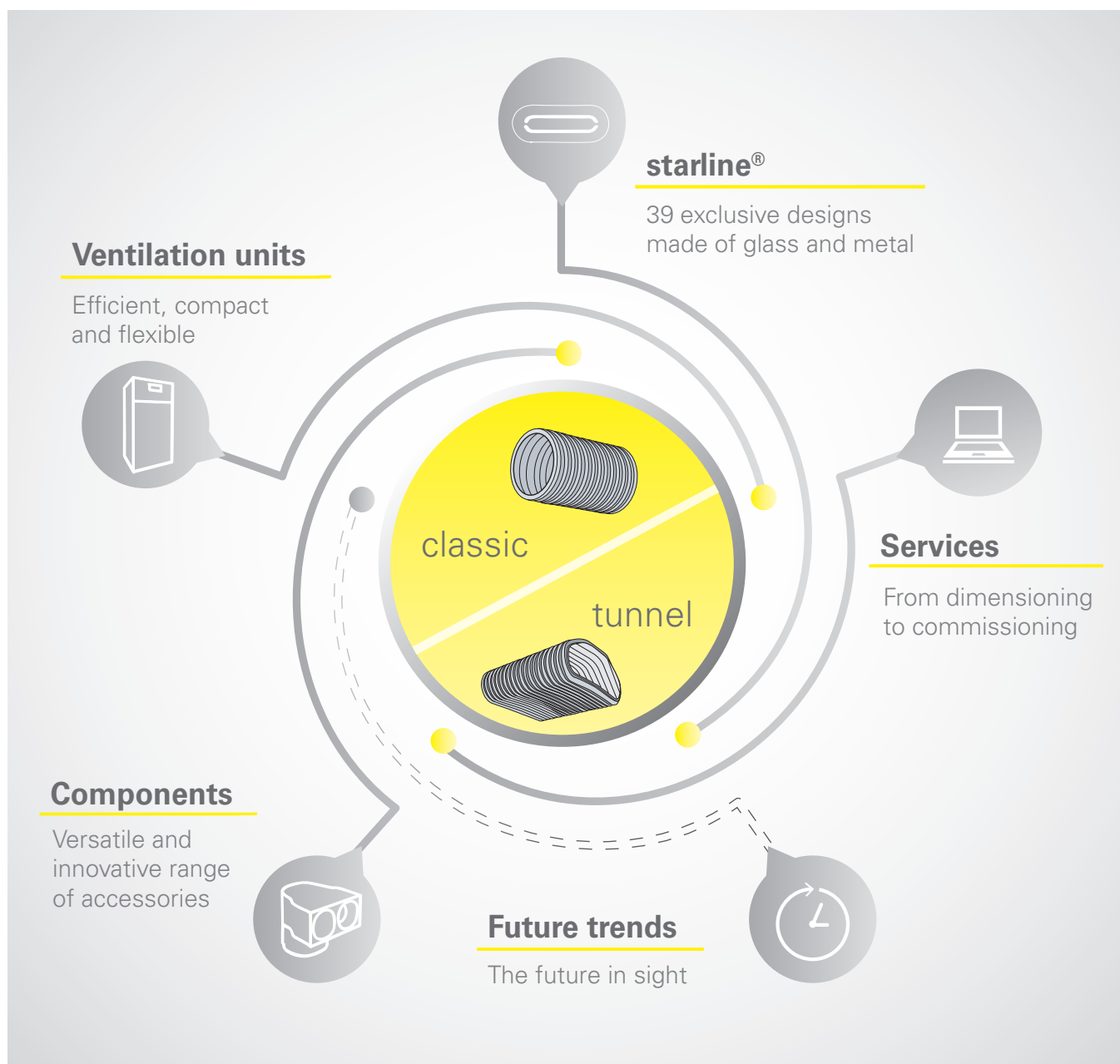### Commissioning made easy – with profi-air cockpit pro software

In addition to displaying and setting different functions, the computer programme facilitates putting the ventilation unit into operation by providing step-by-step guidance through the process of adjustment.

Following the installation, you connect the computer with the ventilation unit by means of a USB cable, and open the software. The commissioning assistant guides the specialist through the calibration of air volumes, and displays, for instance, the selected operation mode and the accessories connected. Furthermore, the weekly programme can be set, and the history of error messages, operation states and temperatures can be retrieved if required.

Both the profi-air flat and profi-air flex units can be put into operation using the profi-air cockpit pro software.

This is profi-air

Ventilation units

Efficient, compact
and flexible

starline®

39 exclusive designs
made of glass and metal

classic

tunnel

Services

From dimensioning
to commissioning

Components

Versatile and
innovative range
of accessories

Future trends

The future in sight

Overview profi-air ventilation units

Legend
✓ = included
● = available
O = optional
X = not possible

		profi-air 130 flat	profi-air 180 flat	profi-air 250 flex	profi-air 360 flex
		78305713	78305718	78304725	78304736
Place of installation	Floor	X	X	●	●
	Wall vertical / horizontal	● / ●	● / X	● / X	● / X
	Ceiling	●	●	X	X
Application	Air volume	40 – 130 m³/h	70 – 180 m³/h	70 – 250 m³/h	100 – 360 m³/h
	Max. pressure loss	180 Pa	260 Pa	240 Pa	270 Pa
Dimensions	H x W x D (L)	196 x 580 x 900	279 x 600 x 1122	1056 x 540 x 549	1056 x 540 x 549
	Connection diameter	8x DN125	4x DN125	4x DN160	4x DN160
	Condensate connection	Ø 1/2" hose	Ø 1/2" hose	Ø 3/4" hose	Ø 3/4" hose
Labels / certifications / tests	Energy efficiency grade	A	A / A+*	A / A+*	A / A+*
	DIBt	pending	●	●	●
	EN 13141-7	●	●	●	●
	SAP App. Q	pending	●	●	●
	PHI	pending	●	●	●
Equipment	Mounting	✓	✓	✓	✓
	Connecting pieces	O	O	O	O
	Control	✓	✓	✓	✓
	Automatic summer bypass	✓	✓	✓	✓
	Humidity sensor for central demand control	O	O	O	O
	Air quality sensor for central demand control	O	O	O	O
	easySWITCH (Switchable air outlet)	✓	✓	✓	✓
	Operation: profi-air cockpit app	✓	✓	✓	✓
	Commissioning: profi-air cockpit pro	✓	✓	✓	✓

* in combination with two room sensors

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