

Handling in the area for authorised specialists only (protected by a password)

Log in via smartphone / PC via router as follows:

User name: install
Password: konfig12

Log in via display:

Password: i17

Note: after you log into the authorised area, it remains active. Automatic resetting occurs only 60 min after the first activity.

Advantage: settings and changes can be made in a service friendly manner without having to log in again after leaving the protected area.

Please note: you must back up the protected area again manually by choosing to log off immediately after completion of the service work. The 60 min activation is cancelled immediately and access is denied to unauthorised persons.

❖ **Owner-occupied home/rented apartment installation**

When the rented apartment installation is selected, only the fan stages 2/3/4 can be selected. Stage 1 cannot be switched on.

The selection is made using the **ON** setting on the corresponding rectangular box.

Info: the law requires at least stage 2 for the operation of ventilation systems in rented apartments.

Factory setting:
owner-occupied home

❖ **Preheater on / off (external connector strip required)**

“Frost protection with preheater” or “Frost protection without preheater” is set. For more detailed information on the versions, see point 5.

The selection is made using the **ON** setting on the corresponding rectangular box.

Please note: “Anti-freeze protection with preheater” may be set only if a preheater has been installed. If this is not observed, damage to the unit cannot be excluded.

Factory setting: off

❖ **Safety manager on / off (external connector strip required)**

Safety equipment (smoke detector input) for joint operation of a unit for controlled domestic ventilation with a fireplace.

The selection is made using the **ON** setting on the corresponding rectangular box.

Factory setting: off

❖ **Setting of air volume of supply air / exhaust air for profi-air 250 touch**

- Stage 1: 1,8 V bis 10,0 V;
Factory setting:
SA 4,2 V, EA 3,9 V ca. 80 m³/h
- Stage 2: 1,8 V bis 10,0 V;
Factory setting:
SA 5,0 V, EA 4,7 V ca. 165 m³/h
- Stage 3: 1,8 V bis 10,0 V;
Factory setting:
SA 6,2 V, EA 5,8 V ca. 200 m³/h
- Stage 4: 1,8 V bis 10,0 V;
Factory setting:
SA 7,6 V, EA 6,9 V ca. 260 m³/h

❖ **Setting of air volume of supply air / exhaust air for profi-air 400 touch**

- Stage 1: 1,8 V bis 10,0 V;
Factory setting:
SA 4,2 V, EA 3,9 V ca. 150 m³/h
- Stage 2: 1,8 V bis 10,0 V;
Factory setting:
SA 5,0 V, EA 4,7 V ca. 220 m³/h
- Stage 3: 1,8 V bis 10,0 V;
Factory setting:
SA 6,2 V, EA 5,8 V ca. 320 m³/h
- Stage 4: 1,8 V bis 10,0 V;
Factory setting:
SA 7,6 V, EA 6,9 V ca. 400 m³/h

❖ **Ext. sensor 1/2/3/4 (external connector strip required)**

Activation of a maximum of 4 sensors (humidity / CO₂) is possible; each sensor must be purpose-assigned individually.

- Off / %H (moisture content) / ppm (CO₂ content)

The selection is made using the **ON** setting on the corresponding rectangular box.

Factory setting: ON to Off passive house (temperature setting)

Note: devices with CO₂ and humidity sensors are operated by controlling the fan stages 2/3/4. Stage 1 can be switched on only if the sensors are set to off in the “Ext. Sensors” menu. Please note: the change is possible only for an installation in a “owner-occupied home” and not for a “rented apartment”.

Information: the fan stages for a humidity sensor [%H] are switched on as follows:

- < 60% RH = stage 2
- 60 - 85% RH = stage 3
- > 85% RH = stage 4

Information: The fan stages for a CO₂ sensor [ppm] are switched on as follows:

- < 1,000 ppm = stage 2
- 1,000 - 1,500 ppm = stage 3
- > 1,500 ppm = stage 4

❖ **Motor status**

Information on speed min-1 and volt (volume flow) of the fan stage currently selected:

- **Supply air** (supply air fan)
- **Extracted air** (extraction fan)

❖ Digital

Status display for an activity:
DI1: Status Safety Manager (smoke alarm)

Display on: Safety Manager triggered; ventilation unit switched off
Display off: Safety Manager not triggered; ventilation unit functioning

Display **On**: Safety Manager triggered; ventilation unit switched off.
Display **Off**: Safety Manager not triggered; ventilation unit working

❖ Temperatures

- Status display for:
- Outside air in [°C]
- Supply air in [°C]
- Extracted air in [°C]
- Exhaust air in [°C]

❖ Correction

If necessary, the temperature display can be corrected for all four types of air and adjusted to the value of a reference display.

Example: the temperature of the outside air measured at a location which acts as reference. The detected difference can be corrected so that the display of the ventilation unit corresponds to the temperature display of the outside air.

❖ Passive house

Unit is operated with / without preheater

- **On**: operation with preheater (passive house standard)
- **Off**: operation without preheater

The selection is made using the ON setting on the corresponding rectangular box.

Factory setting: to off passive house (temperature setting)

• On: setting in the range 10 to 20°C possible
Factory setting: 16°C On

• Off: setting in the range 10 to 20°C possible
Factory setting: 18°C Off

Note: the difference between starting up the heater unit and switching it off must be at least 2°C.

❖ Operating hours counter

The following operating times are recorded:

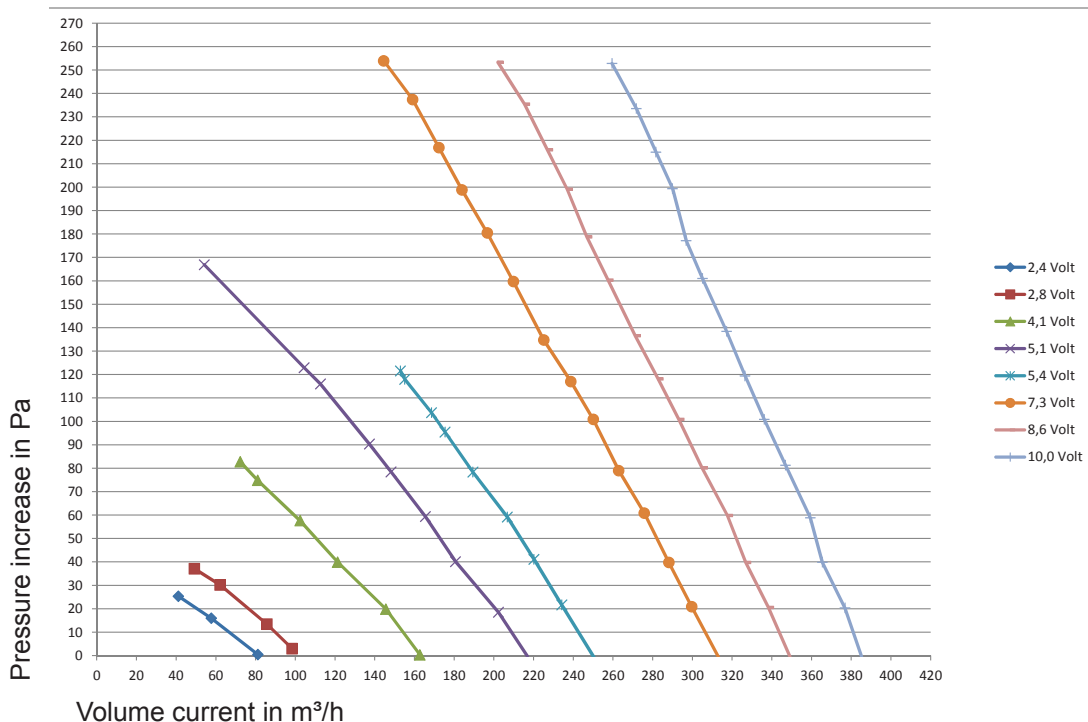
- **Stage 1/Stage 2/Stage 3/Stage 4**
- **Unit in frost protection mode**
- **Preheater**

❖ Logging off

This ends the limited activation period. You must exit the rectangular box.

General design

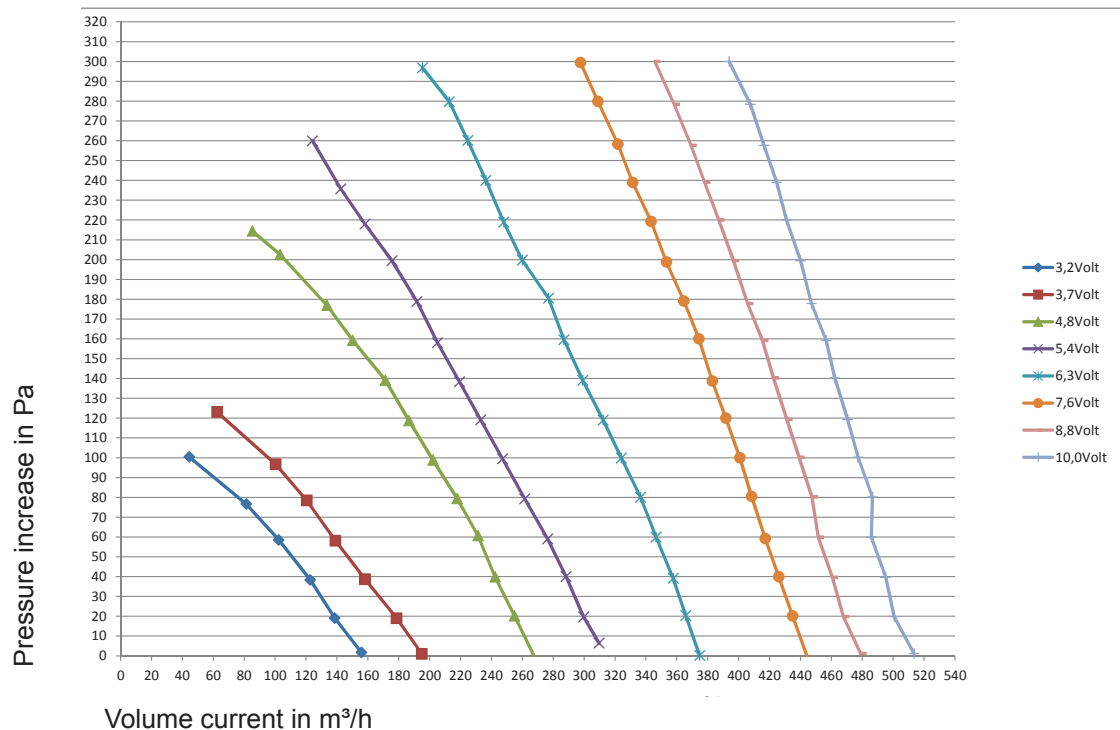
Setting parameters profi-air 250 touch



2,4 Volt	V	m³/h	81	58	41																
	Δp	Pa	0	16	25																
2,8 Volt	V	m³/h	98	86	62	49															
	Δp	Pa	3	13	30	37															
4,1 Volt	V	m³/h	163	146	121	102	81	72													
	Δp	Pa	0	20	40	58	75	83													
5,1 Volt	V	m³/h	217	202	181	166	148	137	113	105	54										
	Δp	Pa	0	18	40	59	78	90	116	123	167										
5,8 Volt	V	m³/h	250	234	220	207	189	175	169	155	153										
	Δp	Pa	-1	22	41	59	78	95	104	118	122										
7,3 Volt	V	m³/h	313	300	288	276	263	250	239	225	210	197	184	172	159	145					
	Δp	Pa	-1	21	40	61	79	101	117	135	160	180	199	217	237	254					
8,6 Volt	V	m³/h	349	338	327	318	305	293	283	271	257	247	237	227	215	202					
	Δp	Pa	0	21	40	60	80	101	118	137	160	179	199	216	235	253					
10,0 Volt	V	m³/h	385	377	365	359	347	336	327	317	305	297	290	282	272	260					
	Δp	Pa	0	20	40	59	81	101	119	138	161	177	199	215	233	253					

General design

Setting parameters profi-air 400 touch



3,2 Volt	V	m³/h	156	139	123	102	81	44												
	Δp	Pa	2	19	38	59	77	100												
3,7 Volt	V	m³/h	195	179	158	139	120	100	62											
	Δp	Pa	1	19	39	58	78	97	123											
4,8 Volt	V	m³/h	268	255	242	231	218	202	187	171	150	134	103	85						
	Δp	Pa	-1	20	40	61	79	99	119	139	159	177	203	214						
5,4 Volt	V	m³/h	310	300	288	276	262	247	233	219	205	192	176	158	143	124				
	Δp	Pa	6	20	40	59	79	99	119	138	158	179	199	218	236	260				
6,3 Volt	V	m³/h	375	366	358	347	337	324	312	299	287	277	260	248	236	225	212,8	195		
	Δp	Pa	0	20	39	60	80	100	119	139	160	181	200	219	240	260	279,7	297		
7,6 Volt	V	m³/h	445	435	426	417	408	401	392	383	374	364	353	343	331	322	309	298		
	Δp	Pa	-1	20	40	59	80	100	120	139	160	179	199	219	239	258	280	299		
8,8 Volt	V	m³/h	479	468	461	452	448	439	431	423	415	406	397	387	378	369	358	346		
	Δp	Pa	1	20	40	60	80	100	119	140	159	178	199	220	239	258	278	300		
10,0 Volt	V	m³/h	514	501	495	486	487	477	471	462	457	447	440	431	425	417	408	394		
	Δp	Pa	1	20	40	60	80	100	119	140	159	178	199	220	239	258	278	300		