



VEKA INT EKO is high quality compact ventilation unit which ensure savings of energy and time of installing.

- Four sizes: 400, 700, 1000, 2000 m<sup>3</sup>/h with 1-3 phases electrical heaters.
- Two models: 1000 and 2000 m<sup>3</sup>/h with water heater.
- Integrated air damper with actuator.
- Installed pressure switch for filter pollution.
- Just remote controller must be selected: UNI, PRO or TPC.
- Low height – perfect for under ceilings installation.
- EC fan for saving energy and money.
- Optional filters class: G3, F5 or F7.
- Mountable with maintenance side - up and down.
- Quiet and long-life unit.
- Compact size, powder coated casing.
- Electrical heater control 0-10V.
- Integrated control system.
- Optional cooling and CO<sub>2</sub> control.
- Acoustic and thermal insulation of external walls: 30mm.



VEKA INT EKO est une centrale de traitement d'air simple flux de haute qualité, compact, faible consommation, installation simple et rapide.

- La gamme est composée de 4 modèles de 400, 700, 1000 et de 2000 m<sup>3</sup>/h avec batteries électriques mono, biphasée ou triphasée.
- Modèles de 1000 et de 2000 m<sup>3</sup>/h avec batterie eau chaude.
- Régistre intégré avec actionneur.
- Pressostat de niveau de pollution de filtres installé.
- Boîtier de commande à sélectionner : UNI, PRO ou TPC.
- Faible hauteur d'installation – parfait pour installer dans les plafonds.
- Ventilateur EC économique.
- Filtres de classes G3, F5 ou F7 en option.
- Installation pour maintenance du haut ou d'en bas.
- Silencieux et de longue durée de vie.
- De taille compacte, revêtu poudre.
- Commande de chauffage électrique de 0 à 10V.
- Système de contrôle intégré.
- Refroidissement et contrôle de CO<sub>2</sub> en option.
- Isolation acoustique et thermique des parois de 30 mm.

### Accessories

#### Remote controller



#### Programmable controller



#### Programmable controller



#### Pressure transmitter



#### CO<sub>2</sub> transmitter



#### Duct humidity sensor



Air handling units

Centrales de traitement d'air simple flux

Lüftungsgeräte

Приточные агрегаты



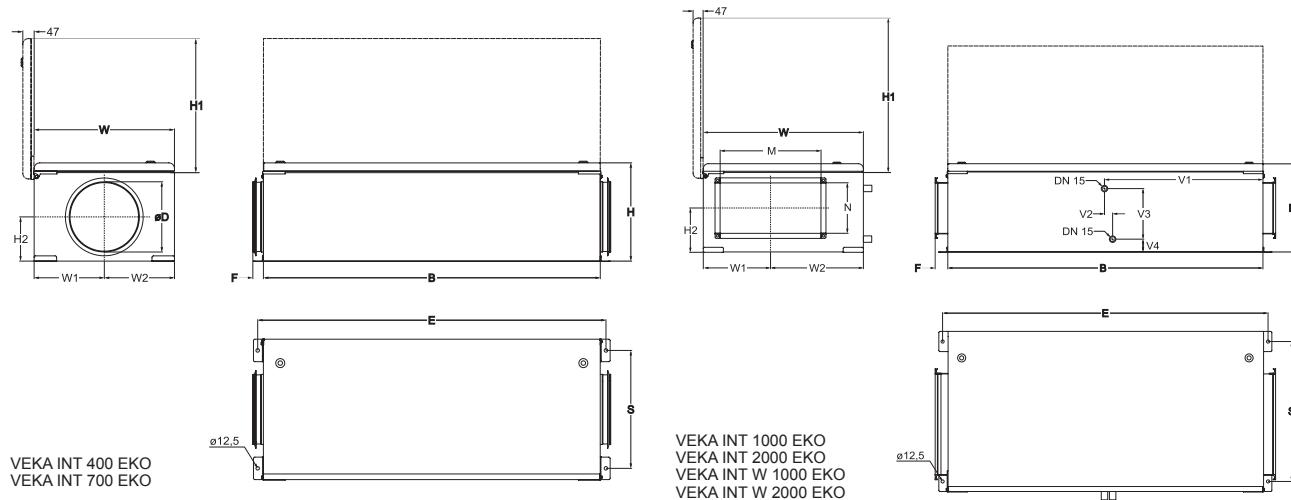
VEKA INT EKO ist ein hochqualitatives Kompakt-Lüftungsgerät, das spart Energie und ist instalationsfreundlich.

- In 4 Größen lieferbar: 400, 700, 1000 und 2000 m<sup>3</sup>/h mit ein- oder dreiphasiges Elektroheizregister.
- In 2 Größen erhältlich: 1000 und 2000 m<sup>3</sup>/h mit Warmwasserheizregister.
- Eingegebauter Motorklappe mit Antrieb.
- Engebauter Druckdifferenzschalter für Filter-Überwachung.
- Nur Fernbedienung wählen – UNI, PRO oder TPC.
- Dank geringer Massen perfekt für Zwischendeckeneinbau.
- Geld und Energie sparende EC Motoren.
- Ersatzfilter mit G3, F5 oder F7 Filterklassen.
- Montage in jeder beliebigen Position möglich.
- Geräuscheinarmes und langlebendes Gerät.
- Kompakt-Größen, pulverbeschichtet.
- Steuerung von Elektroheizregisters 0-10 V.
- Eingegebauter Steuer-Regelung.
- Steuerung von externen Kühlern und CO<sub>2</sub>-Fühler möglich.
- 30 mm starke Schall- und Wärme-Isolation.



VEKA INT EKO - высокого качества приточные агрегаты, которые обеспечивают экономию энергии и короткое время инсталлирования.

- Агрегаты четырех размеров: 400, 700, 1000, 2000 м<sup>3</sup>/ч с 1-3 фаз электрическими нагревателями.
- Агрегаты двух размеров: 1000 и 2000 м<sup>3</sup>/ч с водяными нагревателями.
- Интегрированная воздушная заслонка с приводом.
- Установлен датчик давления для фильтра загрязнения.
- Нужно только выбрать пульт дистанционного управления: UNI, PRO или TPC.
- Агрегат низкой высоты - идеально подходит для установки под потолками.
- EC вентиляторы для экономии энергии и денег.
- Дополнительный класс фильтров: G3, F5 или F7.
- Монтаж со стороны обслуживания - вверх и вниз.
- Порошковая окраска корпуса.
- Управления электрического нагревателя от 0 до 10В.
- Интегрированная система управления.
- К агрегату дополнительно можно поставлять и контролировать охладитель и устройство CO<sub>2</sub>.
- Толщина акустической и тепловой изоляции наружных стен: 30мм.



Type	Dimensions [mm]																		
	W	W1	W2	B	H	H1	H2	E	S	M	N	V1	V2	V3	V4	F	ØD		
VEKA INT 400 EKO	450	225	225	1130	325	427	157	1171	370	-	-	-	-	-	-	30	200		
VEKA INT 700 EKO	500	250	250	1200	350	477	157	1241	420	-	-	-	-	-	-	40	250		
VEKA INT 1000 EKO	635	267	368	1250	350	612	174	1291	555	400	200	-	-	-	-	50	-		
VEKA INT 2000 EKO	750	316	434	1550	460	727	249	1591	670	500	250	-	-	-	-	50	-		
VEKA INT W 1000 EKO	635	267	368	1250	350	612	174	1291	555	400	200	618	43	190	71	50	-		
VEKA INT W 2000 EKO	750	316	434	1550	460	727	249	1591	670	500	250	740	42	297	73	50	-		

Type	Accessories									
	UNI PRO TPC	1141 RC02-F2 KFF-U	SKS	AKS AP	SSB Heating	RMG 80/60°C	RMG 60/40°C	VVP/VXP 80/60°C	VVP/VXP 60/40°C	
VEKA INT400/1,2-L1 EKO	+	+	-	200	-	-	-	-	-	
VEKA INT 400/2,0-L1 EKO	+	+	-	200	-	-	-	-	-	
VEKA INT 400/5,0-L1 EKO	+	+	-	200	-	-	-	-	-	
VEKA INT 700/2,4-L1 EKO	+	+	-	250	-	-	-	-	-	
VEKA INT 700/5,0-L1 EKO	+	+	-	250	-	-	-	-	-	
VEKA INT 700/9,0-L1 EKO	+	+	-	250	-	-	-	-	-	
VEKA INT 1000/2,4-L1 EKO	+	+	400x200	-	-	-	-	-	-	
VEKA INT 1000/5,0-L1 EKO	+	+	400x200	-	-	-	-	-	-	
VEKA INT 1000/9,0-L1 EKO	+	+	400x200	-	-	-	-	-	-	
VEKA INT 1000/12,0-L1 EKO	+	+	400x200	-	-	-	-	-	-	
VEKA INT 2000/6,0-L1 EKO	+	+	500x250	-	-	-	-	-	-	
VEKA INT 2000/15,0-L1 EKO	+	+	500x250	-	-	-	-	-	-	
VEKA INT 2000/21,0-L1 EKO	+	+	500x250	-	-	-	-	-	-	
VEKA INT W 1000/14,4-L1 EKO	+	+	400x200	-	61	3-1,6-4	3-1,0-4	45.10-1,6	45.10-1,0	
VEKA INT W 2000/26,9-L1 EKO	+	+	500x250	-	61	3-2,5-4	3-2,5-4	45.10-2,5	45.10-2,5	

SSB 61-control signal 0...10V DC

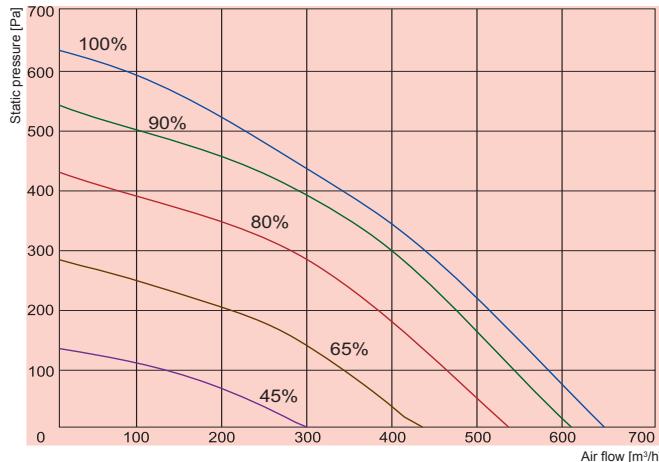
**Accessories**

Rectangular duct silencer  SKS p. 201	Circular duct silencer  AKS p. 198	Mounting clamp  AP p. 197	Thermic water valve actuator  SSB p. 158	Mixing point  RMG p. 159	2 and 3 - way valves  VVP/VXP p. 160
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# VEKA INT EKO

**SALDA**

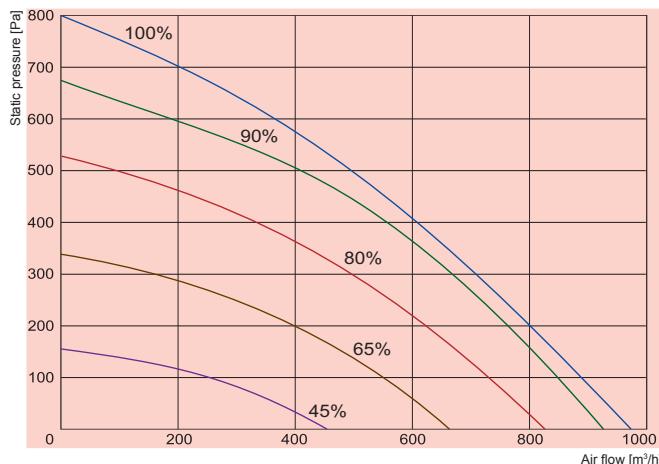
AIR HANDLING UNITS



- ① **VEKA INT400/1,2-L1 EKO**
- ① **VEKA INT 400/2,0-L1 EKO**
- ① **VEKA INT 400/5,0-L1 EKO**

400/1,2-L1 EKO 400/2,0-L1 EKO 400/5,0-L1 EKO

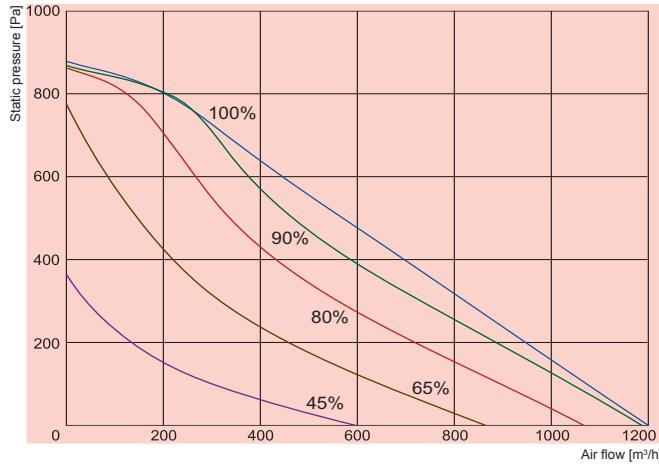
Heater	-phase/voltage [50Hz/VAC]	~1, 230	~1, 230	~2, 400
	-power consumption [kW]	1.2	2.0	5.0
Fan	-phase/voltage [50Hz/VAC]	~1, 230	~1, 230	~1, 230
	-current [kW/A]	0,129/1,09	0,129/1,09	0,129/1,09
	-speed [min⁻¹]	3490	3490	3490
	-protection class	IP-44	IP-44	IP-44
	-power consumption [kW/A]	1,329/5,78	2,129/9,26	5,129/13,59
Automatic control integrated		+	+	+
Filter class		F5	F5	F5
Insulation of walls	[mm]	30	30	30
Weight	[kg]	37,0	37,0	37,0



- ① **VEKA INT 700/2,4-L1 EKO**
- ① **VEKA INT 700/5,0-L1 EKO**
- ① **VEKA INT 700/9,0-L1 EKO**

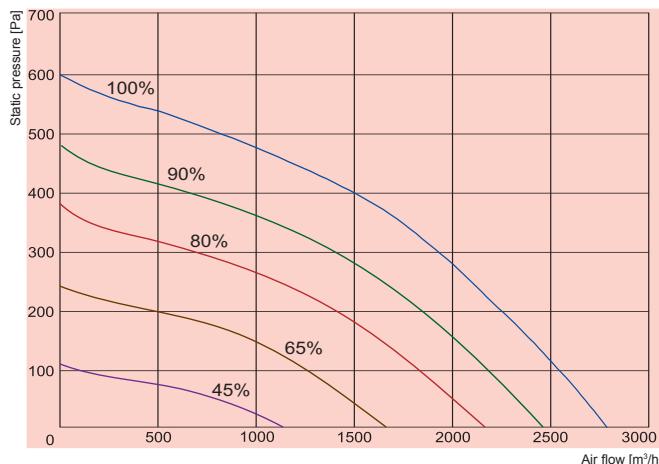
700/2,4-L1 EKO 700/5,0-L1 EKO 700/9,0-L1 EKO

Heater	-phase/voltage [50Hz/VAC]	~1, 230	~2, 400	~3, 400
	-power consumption [kW]	2,4	5,0	9,0
Fan	-phase/voltage [50Hz/VAC]	~1, 230	~1, 230	~1, 230
	-current [kW/A]	0,2/1,57	0,2/1,57	0,2/1,57
	-speed [min⁻¹]	3380	3380	3380
	-protection class	IP-44	IP-44	IP-44
	-power consumption [kW/A]	2,6/12,0	5,2/14,07	9,2/14,56
Automatic control integrated		+	+	+
Filter class		F5	F5	F5
Insulation of walls	[mm]	30	30	30
Weight	[kg]	45,0	45,0	45,0



- ① VEKA INT 1000/2,4-L1 EKO
- ① VEKA INT 1000/5,0-L1 EKO
- ① VEKA INT 1000/9,0-L1 EKO
- ① VEKA INT 1000/12,0-L1 EKO

		1000/2,4-L1 EKO	1000/5,0-L1 EKO	1000/9,0-L1 EKO	1000/12,0-L1 EKO
Heater	-phase/voltage [50Hz/VAC]		~1, 230	~2, 400	~3, 400
	-power consumption [kW]		2,4	5,0	9,0
Fan	-phase/voltage [50Hz/VAC]		~1, 230	~1, 230	~1, 230
	-current [KW/A]	0,235/1,7	0,235/1,7	0,235/1,7	0,235/1,7
	-speed [min⁻¹]	3220	3220	3220	3220
	-protection class	IP-44	IP-44	IP-44	IP-44
	-power consumption [kW/A]	2,61/12,13	5,21/14,2	9,21/14,69	12,21/19,02
Automatic control integrated		+	+	+	+
Filter class		F5	F5	F5	F5
Insulation of walls	[mm]	30	30	30	30
Weight	[kg]	59,0	59,0	59,0	59,0

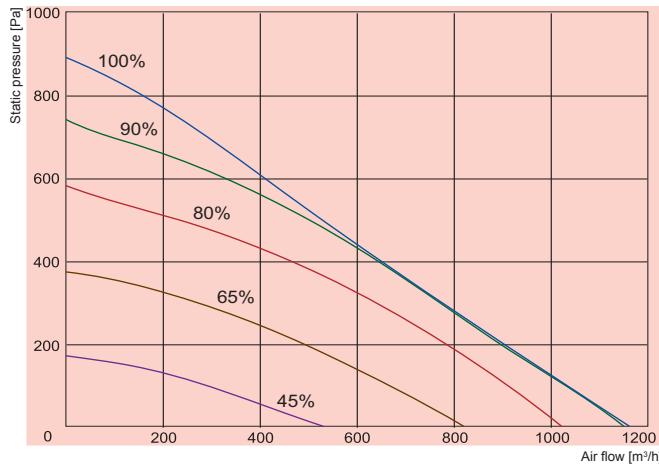


- ① VEKA INT 2000/6,0-L1 EKO
- ① VEKA INT 2000/15,0-L1 EKO
- ① VEKA INT 2000/21,0-L1 EKO

		2000/6,0-L1 EKO	2000/15,0-L1 EKO	2000/21,0-L1 EKO	
Heater	-phase/voltage [50Hz/VAC]		~2, 400	~3, 400	~3, 400
	-power consumption [kW]		6,0	15,0	21,0(12+9)
Fan	-phase/voltage [50Hz/VAC]		~1, 230	~1, 230	~1, 230
	-current [KW/A]	0,438/1,97	0,446/2,05	0,446/2,05	
	-speed [min⁻¹]	2010	2010	2010	
	-protection class	IP-44	IP-44	IP-44	
	-power consumption [kW/A]	6,44/16,1	15,45/23,70	21,45/32,36	
Automatic control integrated		+	+	+	
Filter class		F5	F5	F5	
Insulation of walls	[mm]	30	30	30	
Weight	[kg]	88,0	88,0	88,0	

# VEKA INT EKO

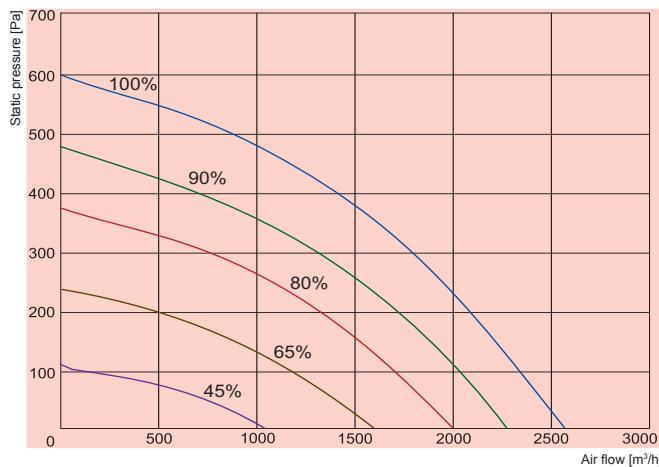
**SALDA**



① **VEKA INT W 1000/14,4-L1 EKO**

**W-1000/14,4-L1 EKO**

Water heater	-power	[kW]	14,4
	-water temp. $T_{in}/T_{out}$	[°C]	+80/+60
	-water flow rate	[l/s]	0,18
	-water pressure drop	[kPa]	4
	-kvs value	[m³/h]	3,26
Fan	-phase/voltage	[50Hz/VAC]	~1, 230
	-current	[kW/A]	0,232/1,77
	-speed	[min⁻¹]	3220
	-power consumption	[kW/A]	0,232/1,77
	-motor protection class		IP-44
Automatic control integrated			+
Filter class			F5
Insulation of wall		[mm]	30
Weight		[kg]	59,0

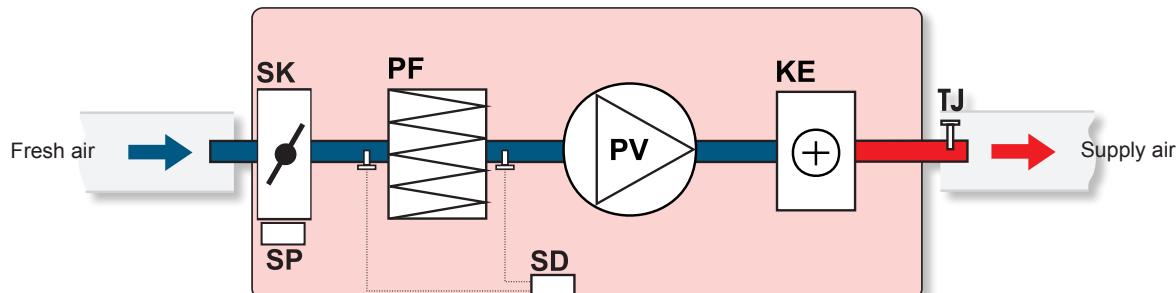


① **VEKA INT W 2000/26,9-L1 EKO**

**W-2000/26,9-L1 EKO**

Water heater	-power	[kW]	26,9
	-water temp. $T_{in}/T_{out}$	[°C]	+80/+60
	-water flow rate	[l/s]	0,33
	-water pressure drop	[kPa]	18,1
	-kvs value	[m³/h]	2,81
Fan	-phase/voltage	[50Hz/VAC]	~1, 230
	-current	[kW/A]	0,481/2,18
	-speed	[min⁻¹]	2010
	-power consumption	[kW/A]	0,481/2,18
	-motor protection class		IP-44
Automatic control integrated			+
Filter class			F5
Insulation of wall		[mm]	30
Weight		[kg]	88,0

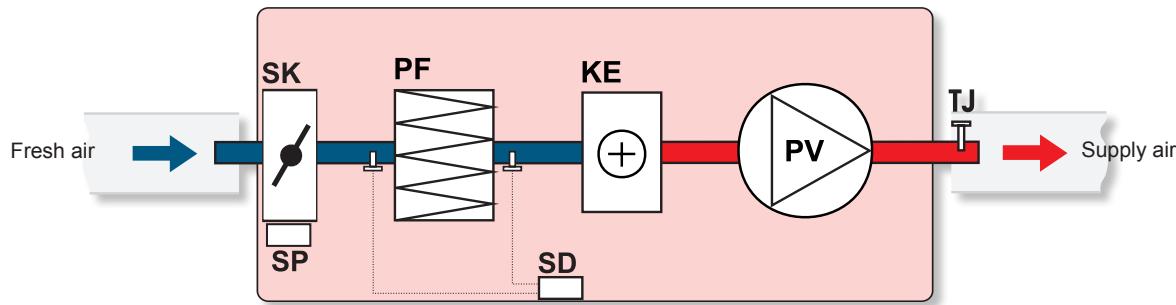
## VEKA INT 400 EKO; 700 EKO versions with electrical heater (view from inspection side)



PV - supply air fan  
 PF - filter for supply air  
 KE - electrical heater  
 SK - air damper

SP - actuator  
 SD - differential pressure switch  
 TJ - air temperature sensor

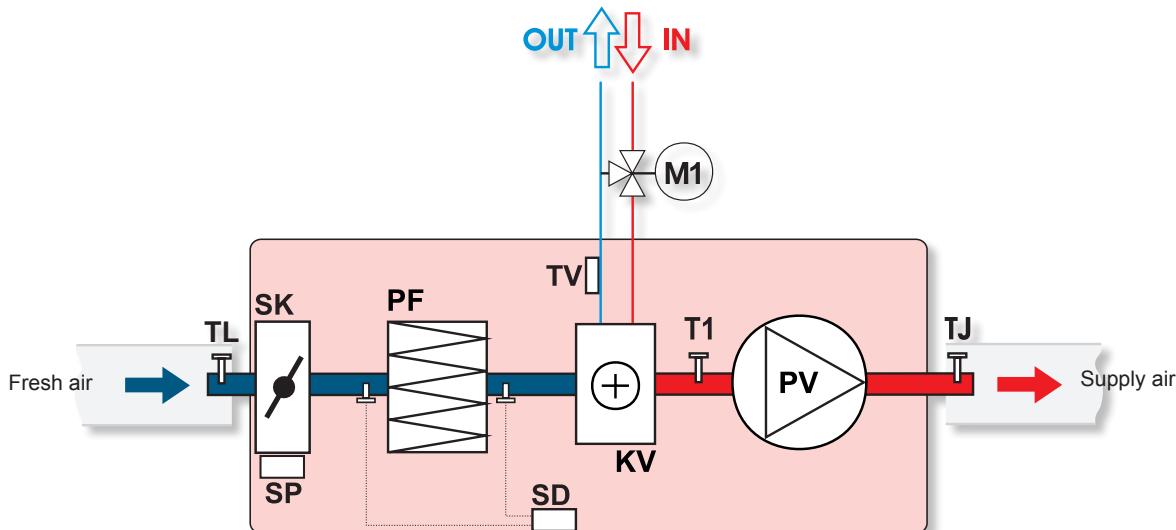
## VEKA INT 1000 EKO; 2000 EKO versions with electrical heater (view from inspection side)



PV - supply air fan  
 PF - filter for supply air  
 KE - electrical heater  
 SK - air damper

SP - actuator  
 SD - differential pressure switch  
 TJ - air temperature sensor

## VEKA INT W 1000 EKO; W 2000 EKO versions with water heater (view from inspection side)



PV - supply air fan  
 PF - filter for supply air  
 KV - water heater  
 SK - air damper  
 SP - actuator  
 SD - differential pressure switch

TJ - temperature sensor for supply air  
 TL - temperature sensor for fresh air  
 T1 - antifrost thermostat  
 TV - temperature sensor  
 M1 - optionally supplied mixing valve and motor