VEKA

Air handling units

Oro tiekimo agrgatai

Centrale klimatyzacyjne

Приточные агрегаты

- Low noise level.
- Adjustable voltage fan control.
- Electrical or water heater.
- Easily removable inspection cover.
- Filter box with pocket filter M5 class.
- Possibility to install under the ceiling.
- Optional wide range controls available.

Air supply units for ventilation systems. Units' casing is made of galvanized steel and have insulation of 50 mm. Consists of centrifugal fan, heater (electrical or water), pocket filter. Not designed for functioning in explosive – inclined areas. Units are designed for clean air supply into premises. Have additional mounting brackets for under the ceiling instalation.

- Mažas triukšmo lygis.
- Reguliuojamo greičio ventiliatorius (įtampos keitimas).
- Elektrinis arba vandeninis šildytuvas.
- Lengvai nuimamas dangtis patikrinimui.
- Filtrų dėžė su M5 klasės filtru.

Oro tiekimo agregatas skirtas oro padavimui į patalpas. Jis susideda iš išcentrinio ventiliatoriaus, kurio greitis gali būti valdomas reguliatoriumi, oro šildytuvo ir kišeninio filtro. Visi šie elementai sumontuoti izoliuotame korpuse. Izoliacijos storis 50 mm. Korpusas pagamintas iš cinkuotos skardos su lengvai nuimamu dangčiu. Dangtis tvirtinamas keturiais lengvai atsegamais lankstais.

- Niski poziom hałasu.
- Regulacja wentylatora napięcia.
- Elektryczne lub podgrzewacz wody.
- Łatwo zdejmowana pokrywa inspekcji.
- Filtr pudełko z kieszeni M5 klasy filtra.
- Możliwość instalacji pod sufitem.
- Opcjonalnie dostępna szeroka gama kontroluje.

Jednostki nawiewne dla systemów wentylacyjnych. Obudowa Jednostki "wykonana jest z ocynkowanej stali i ma izolację 50 mm. Składa się z odśrodkowa wentylator, ogrzewanie (elektryczne lub wody), kieszeń na filtr. nie przeznaczone do funkcjonowania w wybuchowy - pochyłych obszarach. Urządzenia są przeznaczone do czyste powietrze do pomieszczeń. Mają dodatkowe uchwyty montażowe do montażu pod sufitem.

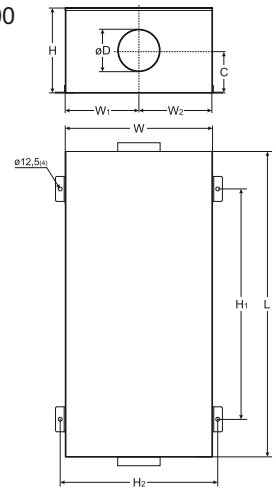
- Низкий уровень шума.
- Вентилятор с регулированием скорости (изменение напряжения).
- Электрический или водяной нагреватель.
- Легко снимаемая крышка для проверки.
- Кассета фильтров с фильтром класса M5.
- Дополнительно широкий спектр по подбору автоматики.

Агрегат подачи воздуха предназначен для подачи воздуха в помещения. Он состоит из эксцентрического вентилятора, скорость которого изменяется регулятором, а также нагревателя воздуха и карманного фильтра. Все эти элементы установлены в изолированном корпусе. Толщина изоляции 50 мм. Корпус изготовлен из оцинкованной жести с легко снимаемой крышкой. Крышка крепится легко отстёгивающимися шарнирами.

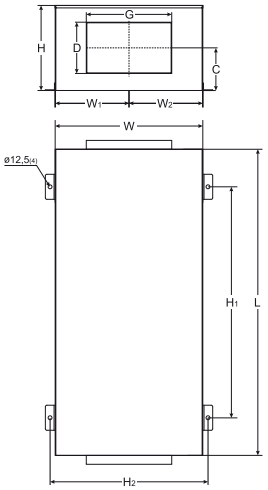
Accessories

Single phase speed controller	Three phase speed controller	Monophase speed controller	Controller for electrical heater	Controller for electrical heater	Back draft shutter	Shuft-off damper	Circular ducts silencer
							
TGRV p. 223	**TGRT p. 224**	**ETY/MTY p. 225**	**EKR 15.1P** **EKR 15.1 p. 221**	**EKR 6.1 p. 222**	**RSK p. 227**	**SKG p. 226**	**AKS p. 230**

VEKA 400 - 2000



VEKA 3000 - 4000



Type	Dimensions [mm]								
	W	W1	W2	C	L	H	ØD	H_1	H_2
VEKA 400	434	215	215	125	880	250	125	920	350
VEKA 700/2,4 - 12,0	459	228	228	207	955	400	160	996	375
VEKA 850/2,0 - 3,0	464	230	230	216	1000	400	200	700	500
VEKA 850/5,0 - 9,0	464	230	230	216	1100	400	200	800	500
VEKA 850/12,0	464	230	230	216	1230	400	200	880	500
VEKA 1000/2,4	614	210	400	198	1150	400	250	850	650
VEKA 1000/5,0	614	210	400	198	1300	400	250	900	650
VEKA 1000/9,0 - 12,0	614	210	400	198	1400	400	250	900	650
VEKA W-1000/13,6	614	210	400	198	1400	400	250	950	650
VEKA 2000	704	285	415	256	1500	500	315	1000	740

Type	Dimensions [mm]									
	W	W_1	W_2	C	L	H	D	G	H_1	H_2
VEKA 3000	824	410	410	239	1500	500	300	500	1000	860
VEKA 4000	924	460	460	300	1700	600	400	600	1400	960

Accessories

Damper for rectangular ducts

SSK p. 228

Rectangular ducts silencer

SSP p. 232

Actuator for damper

SP p. 188

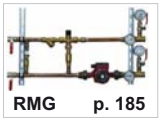
Duct sensor

TJK 10K p. 187

Thermic water valve actuator

SSB p. 184

Mixing point



RMG p. 185

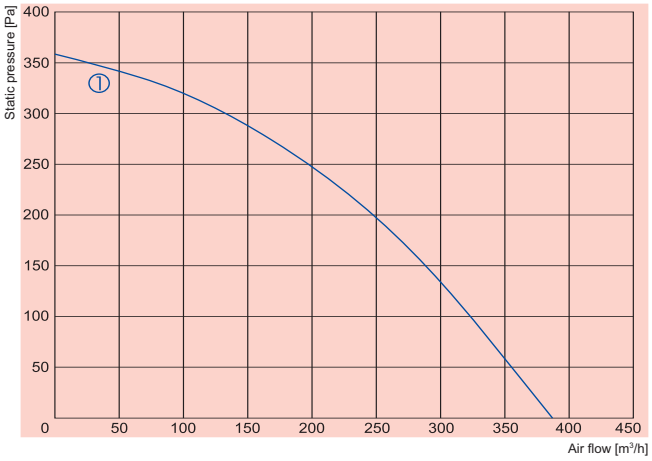
2 and 3 way valves

VVP/VXP p. 186

VEKA

Type	Accessories													
	TGRV	TGRT	ETY MTY	EKR 15.1 EKR 15.1P	EKR 6.1	RSK SKG AKS AP	SSK SSP	SP PS	TJK 10K	SSB *Heating*	RMG 80/60°C	RMG 60/40°C	VVP/VXP 80/60°C	VVP/VXP 60/40°C
VEKA 400/1,2-L1	1	-	1,5	-	+	125	-	+	+	-	-	-	-	-
VEKA 400/2,0-L1	1	-	1,5	-	+	125	-	+	+	-	-	-	-	-
VEKA 400/5,0-L1	1	-	1,5	-	+	125	-	+	+	-	-	-	-	-
VEKA 700/2,4-L1	1,5	-	1,5	-	+	160	-	+	+	-	-	-	-	-
VEKA 700/5,0-L1	1,5	-	1,5	-	+	160	-	+	+	-	-	-	-	-
VEKA 700/9,0-L1	1,5	-	1,5	15.1	-	160	-	+	+	-	-	-	-	-
VEKA 700/12,0-L1	1,5	-	1,5	15.1	-	160	-	+	+	-	-	-	-	-
VEKA 850/2,0-L1	2	-	1,5	-	+	200	-	+	+	-	-	-	-	-
VEKA 850/3,0-L1	2	-	1,5	-	+	200	-	+	+	-	-	-	-	-
VEKA 850/5,0-L1	2	-	1,5	-	+	200	-	+	+	-	-	-	-	-
VEKA 850/6,0-L1	2	-	1,5	-	+	200	-	+	+	-	-	-	-	-
VEKA 850/9,0-L1	2	-	1,5	15.1	-	200	-	+	+	-	-	-	-	-
VEKA 850/12,0-L1	2	-	1,5	15.1	-	200	-	+	+	-	-	-	-	-
VEKA1000/2,4-L1	5	-	4	-	+	250	-	+	+	-	-	-	-	-
VEKA1000/2,4-L3	-	3	-	-	+	250	-	+	+	-	-	-	-	-
VEKA1000/5,0-L1	5	-	4	-	+	250	-	+	+	-	-	-	-	-
VEKA1000/5,0-L3	-	3	-	-	+	250	-	+	+	-	-	-	-	-
VEKA1000/9,0-L1	5	-	4	15.1	-	250	-	+	+	-	-	-	-	-
VEKA1000/9,0-L3	-	3	-	15.1	-	250	-	+	+	-	-	-	-	-
VEKA1000/12,0-L1	5	-	4	15.1	-	250	-	+	+	-	-	-	-	-
VEKA1000/12,0-L3	-	3	-	15.1	-	250	-	+	+	-	-	-	-	-
VEKA W-1000/13,6-L1	5	-	4	-	-	250	-	+	-	81*	3-1,6-4	3-1,0-4	45.10-1,6	45.10-1,0
VEKA W-1000/13,6-L3	-	3	-	-	-	250	-	+	-	81*	3-1,6-4	3-1,0-4	45.10-1,6	45.10-1,0
VEKA 2000/6,0-L1	11	-	-	-	+	315	-	+	+	-	-	-	-	-
VEKA 2000/6,0-L3	-	4	-	-	+	315	-	+	+	-	-	-	-	-
VEKA 2000/15,0-L1	11	-	-	15.1	-	315	-	+	+	-	-	-	-	-
VEKA 2000/15,0-L3	-	4	-	15.1	-	315	-	+	+	-	-	-	-	-
VEKA 2000/21,0-L1	11	-	-	15.1P	-	315	-	+	+	-	-	-	-	-
VEKA 2000/21,0-L3	-	4	-	15.1P	-	315	-	+	+	-	-	-	-	-
VEKA W-2000/27,2-L1	11	-	-	-	-	315	-	+	-	81*	3-2,5-4	3-1,6-4	45.15-2,5	45.10-1,6
VEKA W-2000/27,2-L3	-	4	-	-	-	315	-	+	-	81*	3-2,5-4	3-1,6-4	45.15-2,5	45.10-1,6
VEKA 3000/15,0-L1	14	-	-	15.1	-	-	500x300	+	+	-	-	-	-	-
VEKA 3000/15,0-L3	-	7	-	15.1	-	-	500x300	+	+	-	-	-	-	-
VEKA 3000/21,0-L1	14	-	-	15.1P	-	-	500x300	+	+	-	-	-	-	-
VEKA 3000/21,0-L3	-	7	-	15.1P	-	-	500x300	+	+	-	-	-	-	-
VEKA 3000/30,0-L1	14	-	-	15.1P	-	-	500x300	+	+	-	-	-	-	-
VEKA 3000/30,0-L3	-	7	-	15.1P	-	-	500x300	+	+	-	-	-	-	-
VEKA 3000/39,0-L1	14	-	-	15.1P	-	-	500x300	+	+	-	-	-	-	-
VEKA 3000/39,0-L3	-	7	-	15.1P	-	-	500x300	+	+	-	-	-	-	-
VEKA W-3000/40,8-L1	14	-	-	15.1P	-	-	500x300	+	-	81*	3-4,0-4	3-2,5-4	45.20-4,0	45.15-2,5
VEKA W-3000/40,8-L3	-	7	-	15.1P	-	-	500x300	+	-	81*	3-4,0-4	3-2,5-4	45.20-4,0	45.15-2,5
VEKA 4000/21,0-L3	-	11	-	15.1P	-	-	600x400	+	+	-	-	-	-	-
VEKA 4000/27,0-L3	-	11	-	15.1P	-	-	600x400	+	+	-	-	-	-	-
VEKA 4000/39,0-L3	-	11	-	15.1P	-	-	600x400	+	+	-	-	-	-	-
VEKA4000/54,0-L3	-	11	-	15.1P	-	-	600x400	+	+	-	-	-	-	-
VEKA W-4000/54,0-L3	-	11	-	-	-	-	600x400	+	+	81*	3-6,3-4	3-4,0-4	45.25-6,3	45.20-4,0

* - only with PRV control board



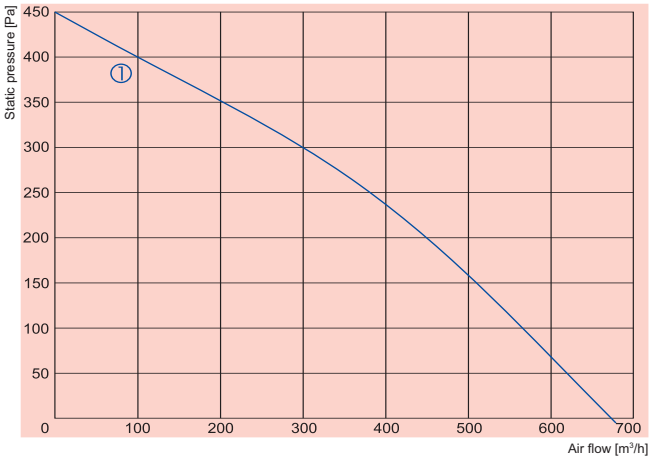
① VEKA 400/1,2-L1

① VEKA 400/2,0-L1

① VEKA 400/5,0-L1

VEKA 400	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	60	50	57	54	50	44	39	30
Outlet	68	56	59	66	58	54	49	40
Surrounding	46	37	40	42	39	34	30	22
Measured at 334 m³/h, 90 Pa								

			400/1,2-L1	400/2,0-L1	400/5,0-L1
Heater	-phase/voltage	[50Hz/VAC]	~1, 230	~1, 230	~2, 400
	-power consumption	[kW]	1,2	2,0	5,0
	-min. air speed	[m/s]	1,5	1,5	1,5
Fan	-phase/voltage	[50Hz/VAC]	~1, 230	~1, 230	~1, 230
	-current	[A]	0,64	0,64	0,64
	-speed	[min⁻¹]	2300	2300	2300
	-power consumption	[kW]	0,147	0,147	0,147
	-max. airflow	[m³/h]	414	414	414
	-motor protection class		IP-44	IP-44	IP-44
Terminal box protection class			IP-54	IP-54	IP-54
Filter class			M5	M5	M5
Total sound pressure level at 1 m		[dBA]	41	41	41
Wiring diagram			No. 1	No. 1	No. 2
Weight		[kg]	30,0	31,1	31,1



① VEKA 700/2,4-L1

① VEKA 700/5,0-L1

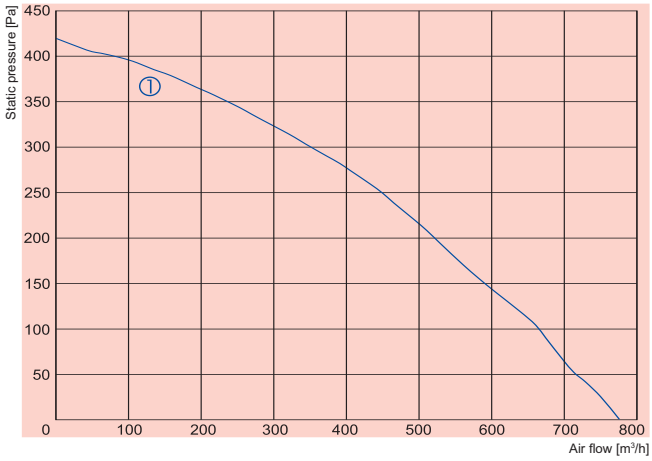
① VEKA 700/9,0-L1

① VEKA 700/12,0-L1

VEKA 700	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	65	55	57	62	57	52	48	43
Outlet	70	57	59	65	64	63	57	48
Surrounding	53	40	43	51	44	38	35	28
Measured at 559 m³/h, 110 Pa								

			700/2,4-L1	700/5,0-L1	700/9,0-L1	700/12,0-L1
Heater	-phase/voltage	[50Hz/VAC]	~1, 230	~2, 400	~3, 400	~3, 400
	-power consumption	[kW]	2,4	5,0	9,0	12,0
	-min. air speed	[m/s]	1,5	1,5	1,5	1,5
Fan	-phase/voltage	[50Hz/VAC]	~1, 230	~1, 230	~1, 230	~1, 230
	-current	[A]	0,93	0,93	0,93	0,93
	-speed	[min⁻¹]	2200	2200	2200	2200
	-power consumption	[kW]	0,214	0,214	0,214	0,214
	-max. airflow	[m³/h]	680	680	680	680
	-motor protection class		IP-44	IP-44	IP-44	IP-44
Terminal box protection class			IP-54	IP-54	IP-54	IP-54
Filter class			M5	M5	M5	M5
Total sound pressure level at 1 m		[dBA]	45	45	45	45
Wiring diagram			No. 1	No. 2	No. 3	No. 3
Weight		[kg]	32,0	32,0	32,0	32,5

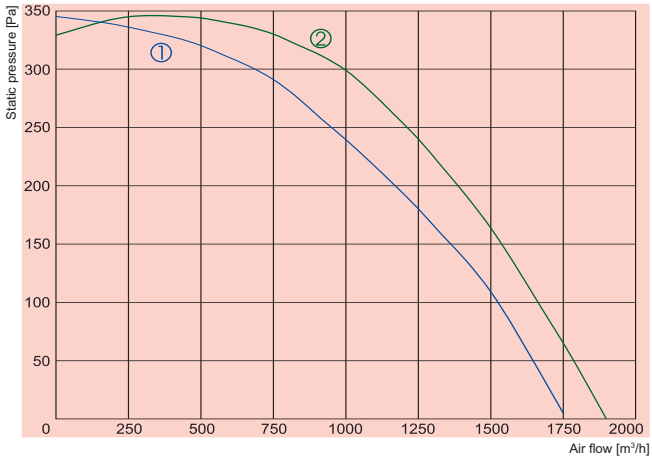
VEKA



① VEKA 850/2,0-L1
① VEKA 850/3,0-L1
① VEKA 850/5,0-L1
① VEKA 850/6,0-L1
① VEKA 850/9,0-L1
① VEKA 850/12,0-L1

VEKA 850	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	67	56	60	63	60	58	45	39
Outlet	71	58	62	69	63	56	51	42
Surrounding	54	44	48	50	47	45	38	32
Measured at 627 m³/h,100 Pa								

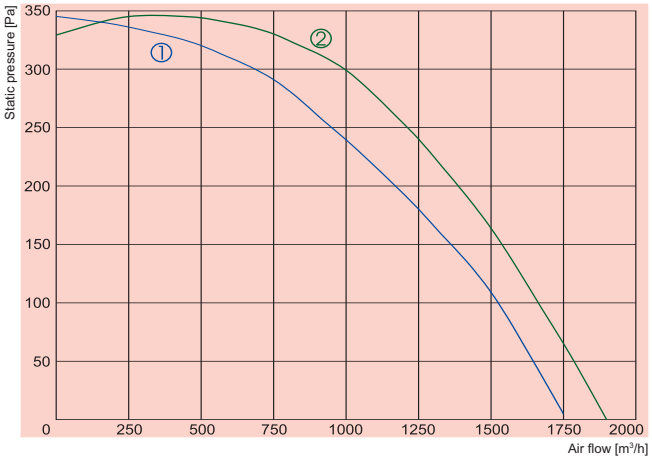
			850/2,0-L1	850/3,0-L1	850/5,0-L1	850/6,0-L1	850/9,0-L1	850/12,0-L1
Heater	-phase/voltage	[50Hz/VAC]	~1, 230	~1, 230	~2, 400	~2, 400	~3, 400	~3, 400
	-power consumption	[kW]	2	3	5	6	9	12
	-min. air speed	[m/s]	1,5	1,5	1,5	1,5	1,5	1,5
Fan	-phase/voltage	[50Hz/VAC]	~1, 230	~1, 230	~1, 230	~1, 230	~1, 230	~1, 230
	-current	[A]	0,98	0,98	0,98	0,98	0,98	0,98
	-speed	[min⁻¹]	2000	2000	2000	2000	2000	2000
	-power consumption	[kW]	0,25	0,25	0,25	0,25	0,25	0,25
	-max. airflow	[m³/h]	805	805	805	805	805	805
	-motor protection class		IP-44	IP-44	IP-44	IP-44	IP-44	IP-44
Terminal box protection class			IP-54	IP-54	IP-54	IP-54	IP-54	IP-54
Filter class			M5	M5	M5	M5	M5	M5
Total sound pressure level at 1 m		[dBA]	46	46	46	46	46	46
Wiring diagram			No. 1	No. 1	No. 2	No. 2	No. 3	No. 3
Weight		[kg]	41,0	41,0	41,0	41,0	41,0	41,0



① VEKA1000/2,4-L1
② VEKA1000/2,4-L3
① VEKA1000/5,0-L1
② VEKA1000/5,0-L3

VEKA 1000	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	68	58	62	64	59	55	51	43
Outlet	75	60	68	72	69	62	55	49
Surrounding	56	47	49	51	50	48	42	39
Measured at 1217 m³/h, 100 Pa								

			1000/2,4-L1	1000/2,4-L3	1000/5,0-L1	1000/5,0-L3
Heater	-phase/voltage	[50Hz/VAC]	~1, 230	~1, 230	~2, 400	~2, 400
	-power consumption	[kW]	2,4	2,4	5	5
	-min. air speed	[m/s]	1,5	1,5	1,5	1,5
Fan	-phase/voltage	[50Hz/VAC]	~1, 230	~3, 400	~1, 230	~3, 400
	-current	[A]	3,0	1,9	3,0	1,9
	-speed	[min⁻¹]	1190	1380	1190	1380
	-power consumption	[kW]	0,69	0,93	0,69	0,93
	-max. airflow	[m³/h]	1750	1900	1750	1900
	-motor protection class		IP-54	IP-54	IP-54	IP-54
Terminal box protection class			IP-54	IP-54	IP-54	IP-54
Filter class			M5	M5	M5	M5
Total sound pressure level at 1 m		[dBA]	52	52	52	52
Wiring diagram			No. 4	No. 5	No. 6	No. 7
Weight		[kg]	75,0	75,0	61,0	65,0



① VEKA1000/9,0-L1

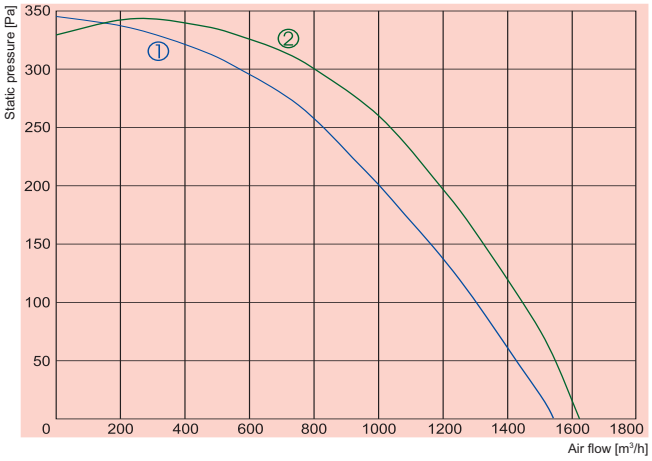
② VEKA1000/9,0-L3

① VEKA1000/12,0-L1

② VEKA1000/12,0-L3

VEKA 1000	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	68	58	62	64	59	55	51	43
Outlet	75	60	68	72	69	62	55	49
Surrounding	56	47	49	51	50	48	42	39
Measured at 1217 m³/h, 100 Pa								

			1000/9,0-L1	1000/9,0-L3	1000/12,0-L1	1000/12,0-L3
Heater	-phase/voltage	[50Hz/VAC]	~3, 400	~3, 400	~3, 400	~3, 400
	-power consumption	[kW]	9	9	12	12
	-min. air speed	[m/s]	1,5	1,5	1,5	1,5
Fan	-phase/voltage	[50Hz/VAC]	~1, 230	~3, 400	~1, 230	~3, 400
	-current	[A]	3,0	1,9	3,0	1,9
	-speed	[min⁻¹]	1190	1380	1190	1380
	-power consumption	[kW]	0,69	0,93	0,69	0,93
	-max. airflow	[m³/h]	1750	1900	1750	1900
	-motor protection class		IP-54	IP-54	IP-54	IP-54
Terminal box protection class			IP-54	IP-54	IP-54	IP-54
Filter class			M5	M5	M5	M5
Total sound pressure level at 1 m		[dBA]	52	52	52	52
Wiring diagram			No. 8	No. 9	No. 12	No. 13
Weight		[kg]	70,0	70,0	73,0	73,0



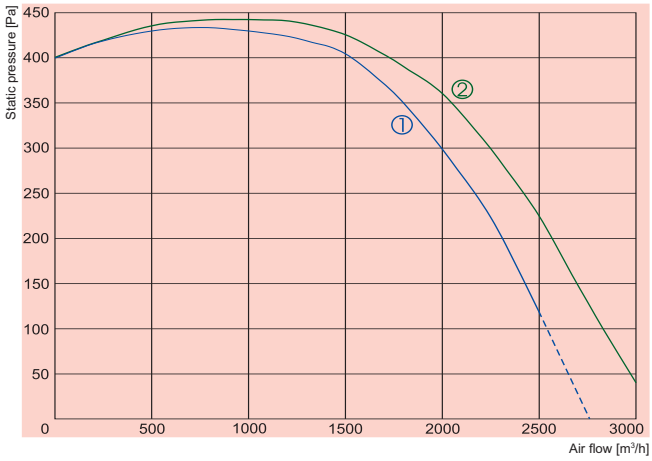
① VEKA W-1000/13,6-L1

② VEKA W-1000/13,6-L3

VEKA W 1000	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	68	59	61	63	60	57	50	41
Outlet	75	61	67	71	69	64	53	46
Surrounding	55	46	48	50	49	45	40	37
Measured at 1185 m³/h, 100 Pa								

			W-1000/13,6-L1	W-1000/13,6-L3
Water heater	-power	[kW]	13,6	13,6
	-water temp. T_{in}/T_{out}	[°C]	+80/+60	+80/+60
	-water flow rate	[l/s]	0,17	0,17
	-water pressure drop	[kPa]	13,81	13,81
	-kvs value	[m³/h]	1,5	1,5
Fan	-phase/voltage	[50Hz/VAC]	~1, 230	~3, 400
	-current	[A]	3,0	1,9
	-speed	[min⁻¹]	1190	1380
	-power consumption	[kW]	0,69	0,93
	-max. airflow	[m³/h]	1540	1620
	-motor protection class		IP-54	IP-54
Terminal box protection class			IP-54	IP-54
Filter class			M5	M5
Total sound pressure level at 1 m		[dBA]	52	52
Wiring diagram			No. 14	No. 15
Weight		[kg]	78,0	78,0

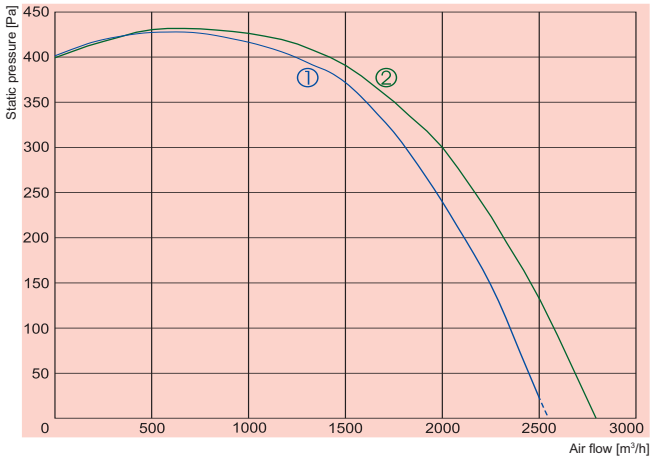
VEKA



① VEKA 2000/6,0-L1
② VEKA 2000/6,0-L3
① VEKA 2000/15,0-L1
② VEKA 2000/15,0-L3
① VEKA 2000/21,0-L1
② VEKA 2000/21,0-L3

VEKA 2000	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	79	70	77	72	65	62	60	56
Outlet	85	73	80	79	77	73	72	68
Surrounding	66	58	64	58	52	50	52	49
Measured at 2102 m³/h,130 Pa								

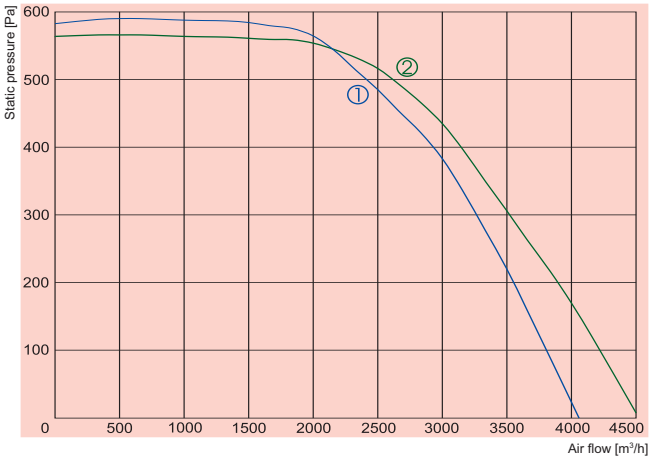
			2000/6,0-L1	2000/6,0-L3	2000/15,0-L1	2000/15,0-L3	2000/21,0-L1	2000/21,0-L3
Heater	-phase/voltage	[50Hz/VAC]	~2, 400	~2, 400	~3, 400	~3, 400	~3, 400	~3, 400
	-power consumption	[kW]	6	6	15	15	21 (9+12)	21 (9+12)
	-min. air speed	[m/s]	1,5	1,5	1,5	1,5	1,5	1,5
Fan	-phase/voltage	[50Hz/VAC]	~1, 230	~3, 400	~1, 230	~3, 400	~1, 230	~3, 400
	-current	[A]	5,1	2,6	5,1	2,6	5,1	2,6
	-speed	[min⁻¹]	1210	1310	1210	1310	1210	1310
	-power consumption	[kW]	1,15	1,50	1,15	1,50	1,15	1,50
	-max. airflow	[m³/h]	2500	3000	2500	3000	2500	3000
	-motor protection class		IP-54	IP-54	IP-54	IP-54	IP-54	IP-54
Terminal box protection class			IP-54	IP-54	IP-54	IP-54	IP-54	IP-54
Filter class			M5	M5	M5	M5	M5	M5
Total sound pressure level at 1 m		[dBA]	54	54	54	54	54	54
Wiring diagram			No. 10	No. 11	No. 12	No. 13	No. 12	No. 13
Weight		[kg]	98,0	98,0	98,0	98,0	98,0	98,0



① VEKA W-2000/27,2-L1
② VEKA W-2000/27,2-L3

VEKA W 2000	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	79	70	77	72	65	62	60	56
Outlet	85	73	80	79	77	73	72	68
Surrounding	66	58	64	58	52	50	52	49
Measured at 2102 m³/h,130 Pa								

			W-2000/27,2-L1	W-2000/27,2-L3
Water heater	-power	[kW]	27,2	27,2
	-water temp. T_{in}/T_{out}	[°C]	+80/+60	+80/+60
	-water flow rate	[l/s]	0,32	0,32
	-water pressure drop	[kPa]	9,6	9,6
	-kvs value	[m³/h]	3,7	3,7
Fan	-phase/voltage	[50Hz/VAC]	~1, 230	~3, 400
	-current	[A]	5,1	2,6
	-speed	[min⁻¹]	1210	1310
	-power consumption	[kW]	1,15	1,50
	-max. airflow	[m³/h]	2500	2790
	-motor protection class		IP-54	IP-54
Terminal box protection class			IP-54	IP-54
Filter class			M5	M5
Total sound pressure level at 1 m		[dBA]	54	54
Wiring diagram			No. 14	No. 15
Weight		[kg]	98,0	98,0



① VEKA 3000/15,0-L1

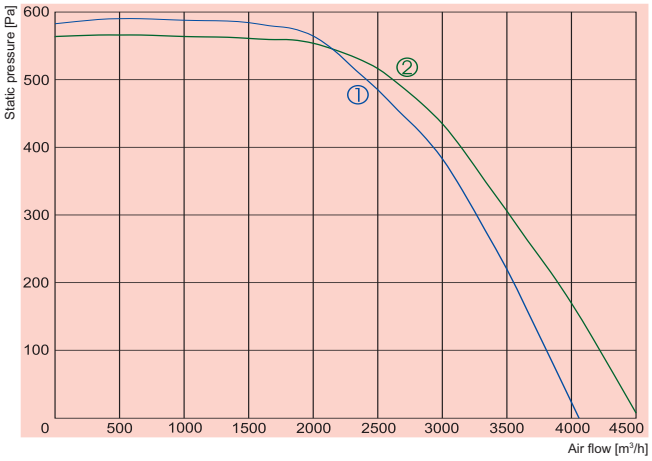
② VEKA 3000/15,0-L3

① VEKA 3000/21,0-L1

② VEKA 3000/21,0-L3

VEKA 3000	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	80	71	70	76	75	68	62	58
Outlet	86	73	76	82	80	76	72	65
Surrounding	67	60	63	59	56	53	49	46
Measured at 3480 m³/h, 100 Pa								

			3000/15,0-L1	3000/15,0-L3	3000/21,0-L1	3000/21,0-L3
Heater	-phase/voltage	[50Hz/VAC]	~3, 400	~3, 400	~3, 400	~3, 400
	-power consumption	[kW]	15	15	21 (9+12)	21 (9+12)
	-min. air speed	[m/s]	1,5	1,5	1,5	1,5
Fan	-phase/voltage	[50Hz/VAC]	~1, 230	~3, 400	~1, 230	~3, 400
	-current	[A]	11,0	4,1	11,0	4,1
	-speed	[min⁻¹]	1340	1300	1340	1300
	-power consumption	[kW]	2,5	2,5	2,5	2,5
	-max. airflow	[m³/h]	4000	4500	4000	4500
	-motor protection class		IP 54	IP 54	IP 54	IP 54
Terminal box protection class			IP 54	IP 54	IP 54	IP 54
Filter class			M5	M5	M5	M5
Total sound pressure level at 1 m		[dBA]	56	56	56	56
Wiring diagram			No. 12	No. 13	No. 12	No. 13
Weight		[kg]	103,0	103,0	103,0	103,0



① VEKA 3000/30,0-L1

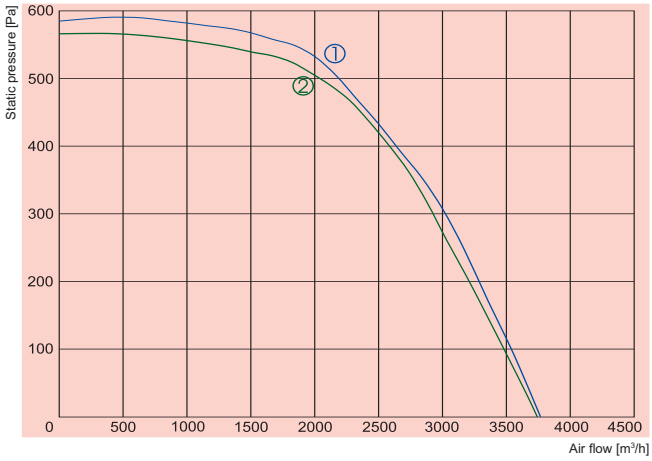
② VEKA 3000/30,0-L3

① VEKA 3000/39,0-L1

② VEKA 3000/39,0-L3

VEKA 3000	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	80	71	70	76	75	68	62	58
Outlet	86	73	76	82	80	76	72	65
Surrounding	67	60	63	59	56	53	49	46
Measured at 3480 m³/h, 100 Pa								

			3000/30,0-L1	3000/30,0-L3	3000/39,0-L1	3000/39,0-L3
Heater	-phase/voltage	[50Hz/VAC]	~3, 400	~3, 400	~3, 400	~3, 400
	-power consumption	[kW]	30 (15+15)	30 (15+15)	39 (9+12+18)	39 (9+12+18)
	-min. air speed	[m/s]	1,5	1,5	1,5	1,5
Fan	-phase/voltage	[50Hz/VAC]	~1, 230	~3, 400	~1, 230	~3, 400
	-current	[A]	11,0	4,1	11,0	4,1
	-speed	[min⁻¹]	1340	1300	1340	1300
	-power consumption	[kW]	2,5	2,5	2,5	2,5
	-max. airflow	[m³/h]	4000	4500	4000	4500
	-motor protection class		IP 54	IP 54	IP 54	IP 54
Terminal box protection class			IP 54	IP 54	IP 54	IP 54
Filter class			M5	M5	M5	M5
Total sound pressure level at 1 m		[dBA]	56	56	56	56
Wiring diagram			No. 12	No. 13	No. 12	No. 13
103,0Weight		[kg]	103,0	103,0	103,0	103,0

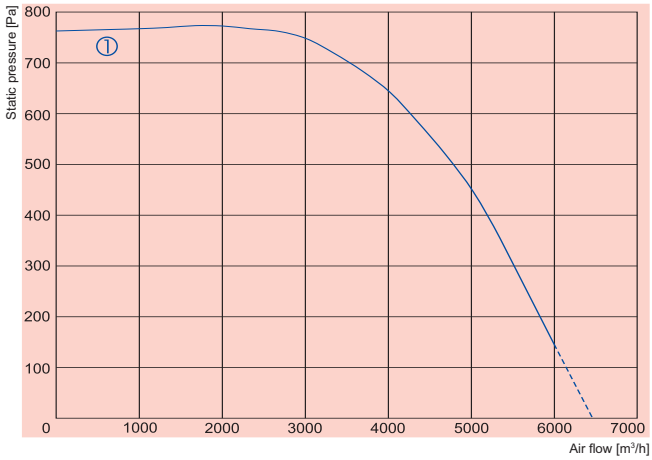


① VEKA W-3000/40,8-L1

② VEKA W-3000/40,8-L3

VEKA W 3000	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	80	71	70	76	75	68	62	58
Outlet	86	73	76	82	80	76	72	65
Surrounding	67	60	63	59	56	53	49	46
Measured at 3480 m³/h, 100 Pa								

			W-3000/40,8-L1	W-3000/40,8-L3
Water heater	-power	[kW]	40,8	40,8
	-water temp. T_{in}/T_{out}	[°C]	+80/+60	+80/+60
	-water flow rate	[l/s]	0,49	0,49
	-water pressure drop	[kPa]	5,7	5,7
	-kvs value	[m³/h]	7,4	7,4
Fan	-phase/voltage	[50Hz/VAC]	~1, 230	~3, 400
	-current	[A]	11	4,10
	-speed	[min⁻¹]	1340	1300
	-power consumption	[kW]	2,5	2,5
	-max. airflow	[m³/h]	3770	3740
	-motor protection class		IP 54	IP 54
Terminal box protection class			IP 54	IP 54
Filter class			M5	M5
Total sound pressure level at 1 m		[dBA]	56	56
Wiring diagram			No. 14	No. 15
Weight		[kg]	110,0	110,0



① VEKA 4000/21,0-L3

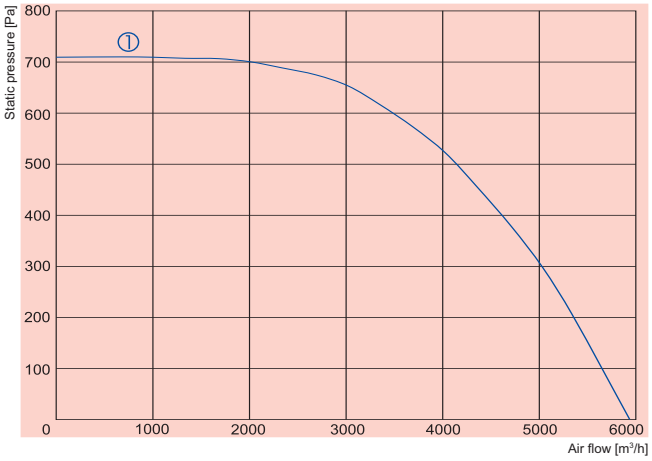
① VEKA 4000/27,0-L3

① VEKA 4000/39,0-L3

① VEKA4000/54,0-L3

VEKA W 4000	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	82	55	72	78	76	73	68	63
Outlet	90	59	73	81	86	83	81	75
Surrounding	72	60	65	69	64	60	57	53
Measured at 5853 m³/h, 200 Pa								

			4000/21,0-L3	4000/27,0-L3	4000/39,0-L3	4000/54,0-L3
Heater	-phase/voltage	[50Hz/VAC]	~3, 400	~3, 400	~3, 400	~3, 400
	-power consumption	[kW]	21 (9+12)	27 (12+15)	39 (9+12+18)	54 (9+12+15+18)
	-min. air speed	[m/s]	1,5	1,5	1,5	1,5
Fan	-phase/voltage	[50Hz/VAC]	~3, 400	~3, 400	~3, 400	~3, 400
	-current	[A]	6,0	6,0	6,0	6,0
	-speed	[min⁻¹]	1320	1320	1320	1320
	-power consumption	[kW]	3,7	3,7	3,7	3,7
	-max. airflow	[m³/h]	6020	6020	6020	6020
	-motor protection class		IP 54	IP 54	IP 54	IP 54
Terminal box protection class			IP 54	IP 54	IP 54	IP 54
Filter class			M5	M5	M5	M5
Total sound pressure level at 1 m		[dBA]	58	58	58	58
Wiring diagram			No. 13	No. 13	No. 13	No. 13
Weight		[kg]	175,0	175,0	175,0	175,0

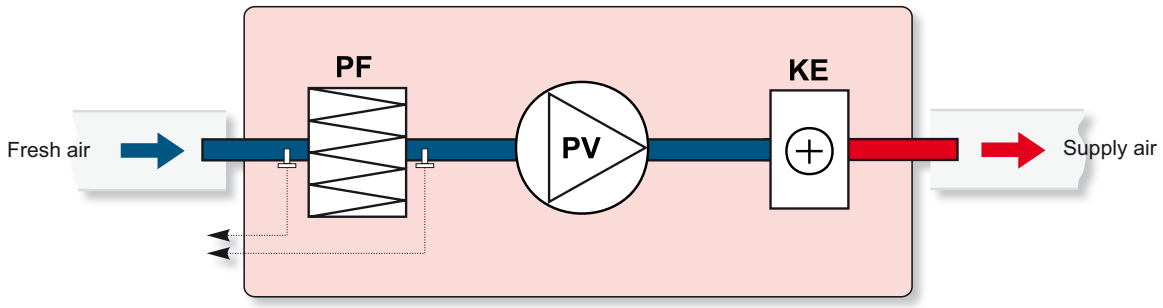


① VEKA W-4000/54,0-L3

VEKA W 4000	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	82	55	72	78	76	73	68	63
Outlet	90	59	73	81	86	83	81	75
Surrounding	72	60	65	69	64	60	57	53
Measured at 5853 m³/h, 200 Pa								

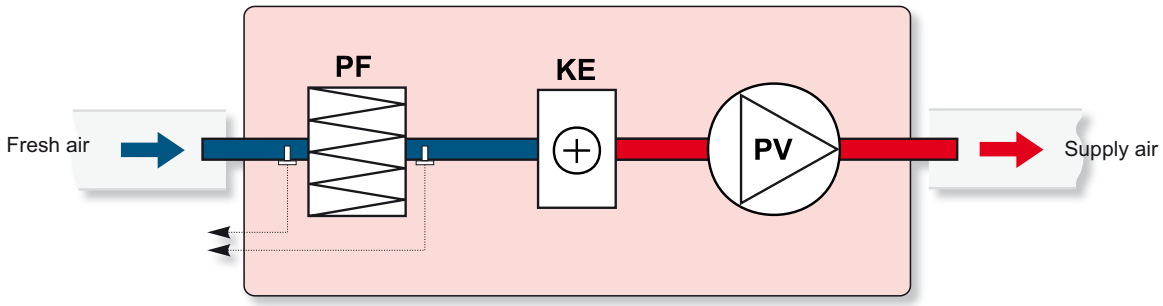
			W-4000/54,0-L3
Water heater	-power	[kW]	54
	-water temp. T_{in}/T_{out}	[°C]	+80/+60
	-water flow rate	[l/s]	0,71
	-water pressure drop	[kPa]	8,2
	-kvs value	[kPa]	9
Fan	-phase/voltage	[50Hz/VAC]	~3, 400
	-current	[A]	6,0
	-speed	[min⁻¹]	1320
	-power consumption	[kW]	3,7
	-max. airflow	[m³/h]	5940
	-motor protection class		IP-54
Terminal box protection class			IP-54
Filter class			M5
Total sound pressure level at 1 m		[dBA]	58
Wiring diagram			No. 15
Weight		[kg]	185,0

VEKA 400E; 700E; 850E; 1000E versions with electrical heater (view from inspection side)



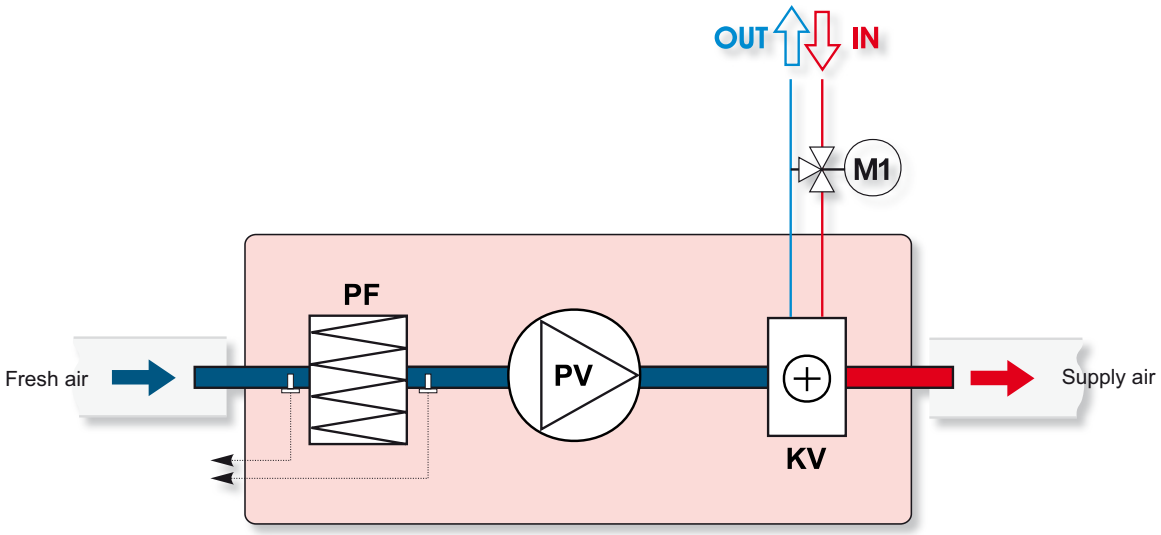
PV - supply air fan
PF - filter for supply air (class M5)
KE - electrical heater

VEKA 2000E; 3000E; 4000E versions with electrical heater (view from inspection side)



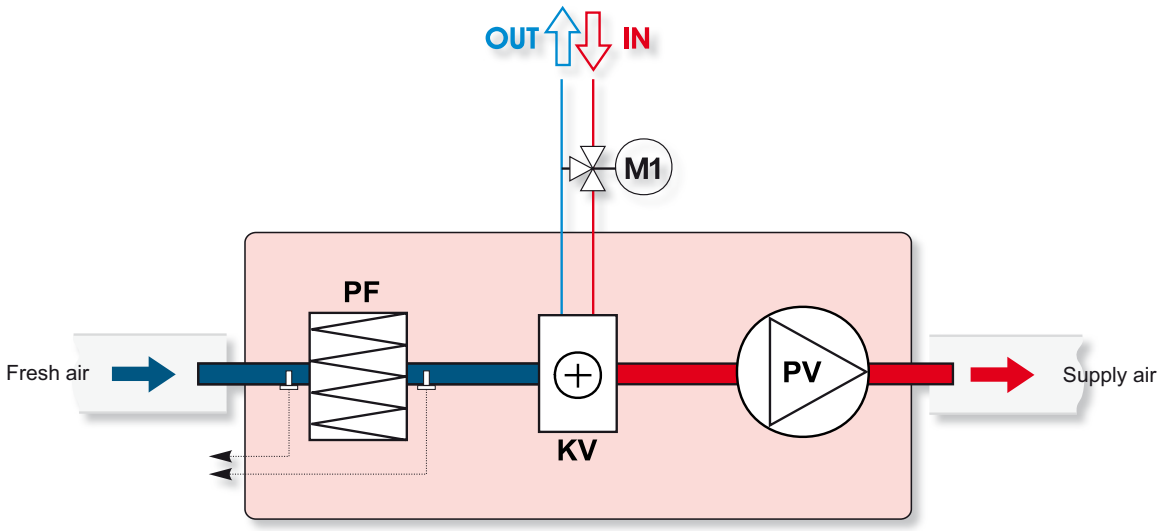
PV - supply air fan
PF - filter for supply air (class M5)
KE - electrical heater

VEKA 1000W versions with water heater (view from inspection side)



PV - supply air fan
PF - filter for supply air (class M5)
KV - water heater
M1 - optionally supplied mixing valve and motor

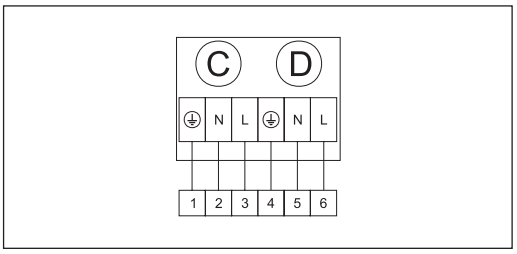
VEKA 2000W; 3000W; 4000W versions with water heater (view from inspection side)



PV - supply air fan
PF - filter for supply air (class M5)
KV - water heater
M1 - optionally supplied mixing valve and motor

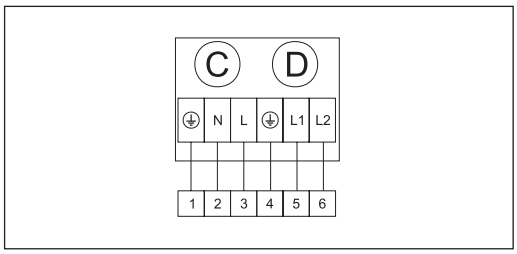
Wiring diagram No. 1

C -Centrifugal fan
D -Electrical heater



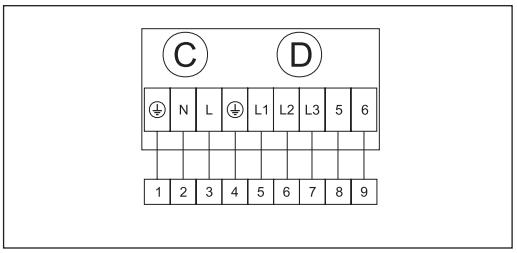
Wiring diagram No. 2

C -Centrifugal fan
D -Electrical heater



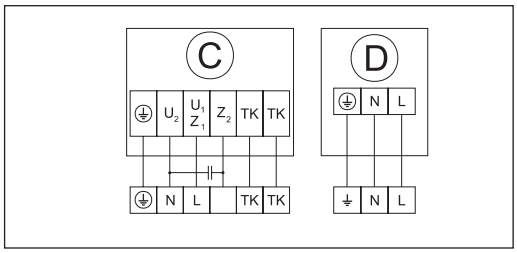
Wiring diagram No. 3

C -Centrifugal fan
D -Electrical heater



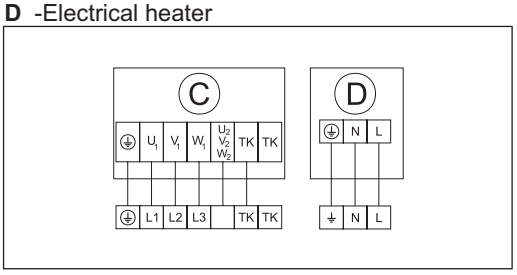
Wiring diagram No. 4

C -Centrifugal fan
D -Electrical heater



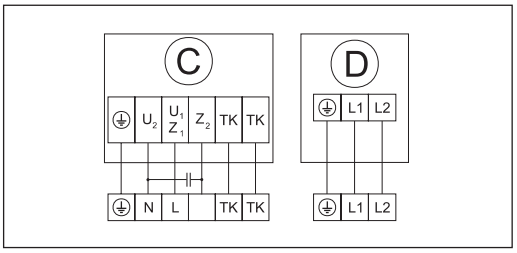
Wiring diagram No. 5

C -Centrifugal fan
D -Electrical heater



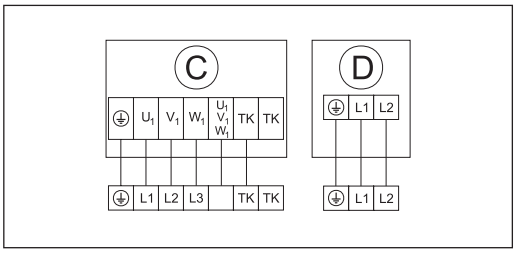
Wiring diagram No. 6

C -Centrifugal fan
D -Electrical heater



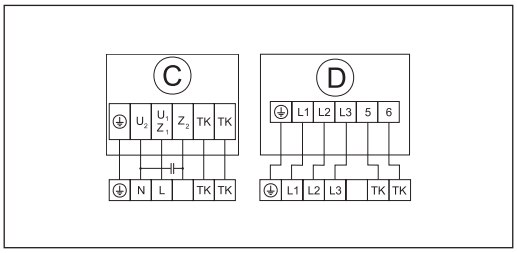
Wiring diagram No. 7

C -Centrifugal fan
D -Electrical heater



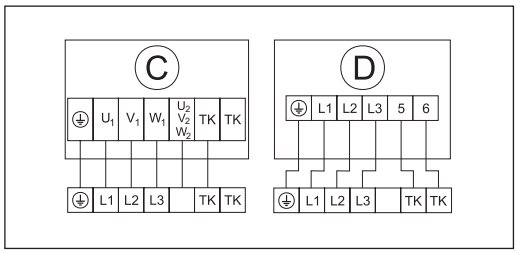
Wiring diagram No. 8

C -Centrifugal fan
D -Electrical heater



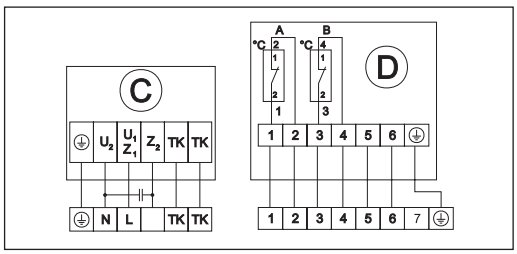
Wiring diagram No. 9

C -Centrifugal fan
D -Electrical heater



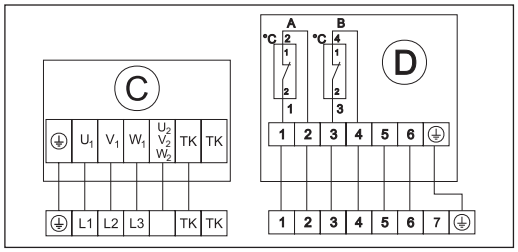
Wiring diagram No. 10

A -Overheat protection with manual reset 100°C
B -Overheat protection with automatical reset 50°C
C -Centrifugal fan
D -Electrical heater



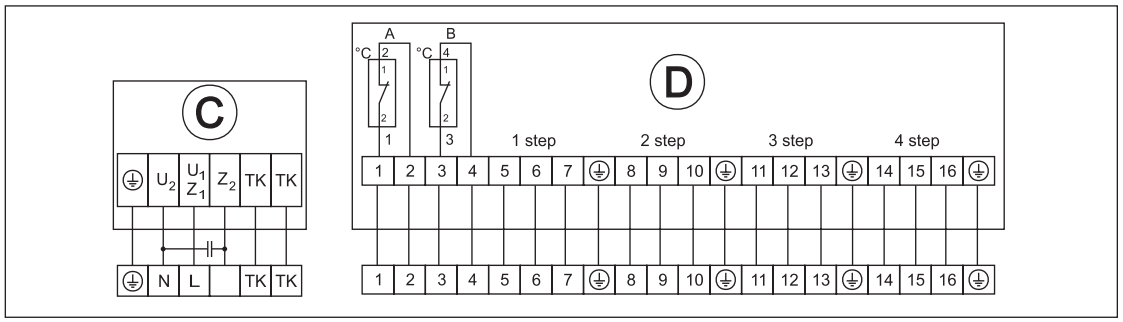
Wiring diagram No. 11

A -Overheat protection with manual reset 100°C
B -Overheat protection with automatical reset 50°C
C -Centrifugal fan
D -Electrical heater



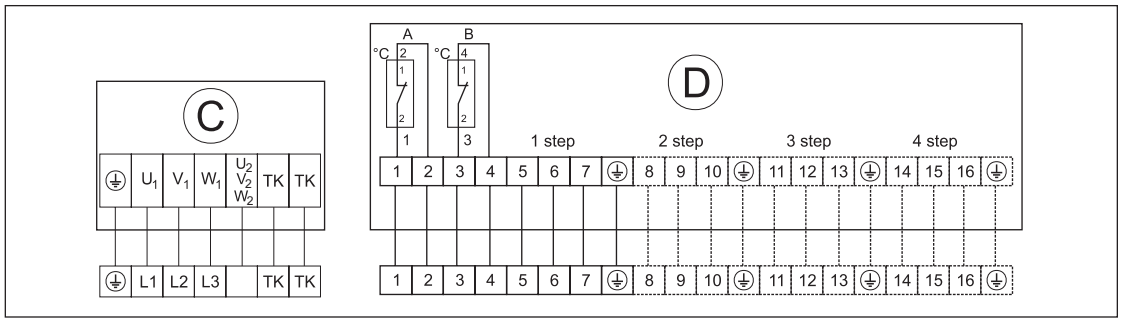
Wiring diagram No. 12

A -Overheat protection with manual reset 100°C
B -Overheat protection with automatical reset 50°C
C -Centrifugal fan
D -Electrical heater



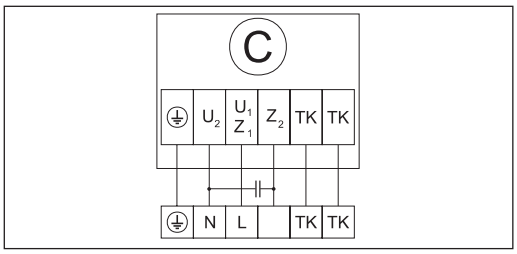
Wiring diagram No. 13

A -Overheat protection with manual reset 100°C
B -Overheat protection with automatical reset 50°C
C -Centrifugal fan
D -Electrical heater



Wiring diagram No. 14

C -Centrifugal fan



Wiring diagram No. 15

C -Centrifugal fan