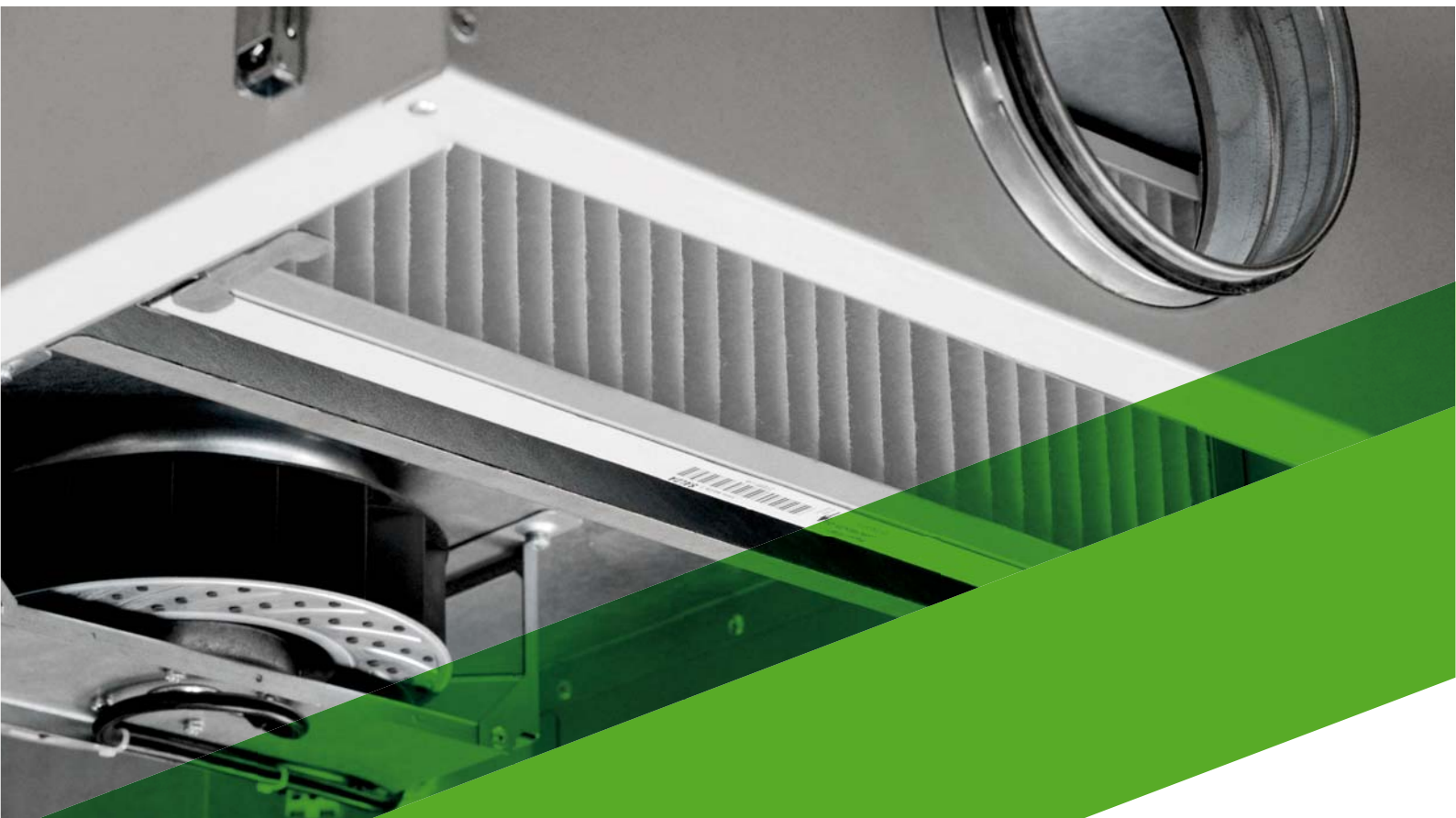


# VEGA

Smart solution for fresh air supply !

# SALDA

WWW.SALDA.LT



DESIGNED FOR CATERING  
AND INDUSTRIAL PREMISES



## APPLICATION

› Food production



› Industrial premises



› Warehouses



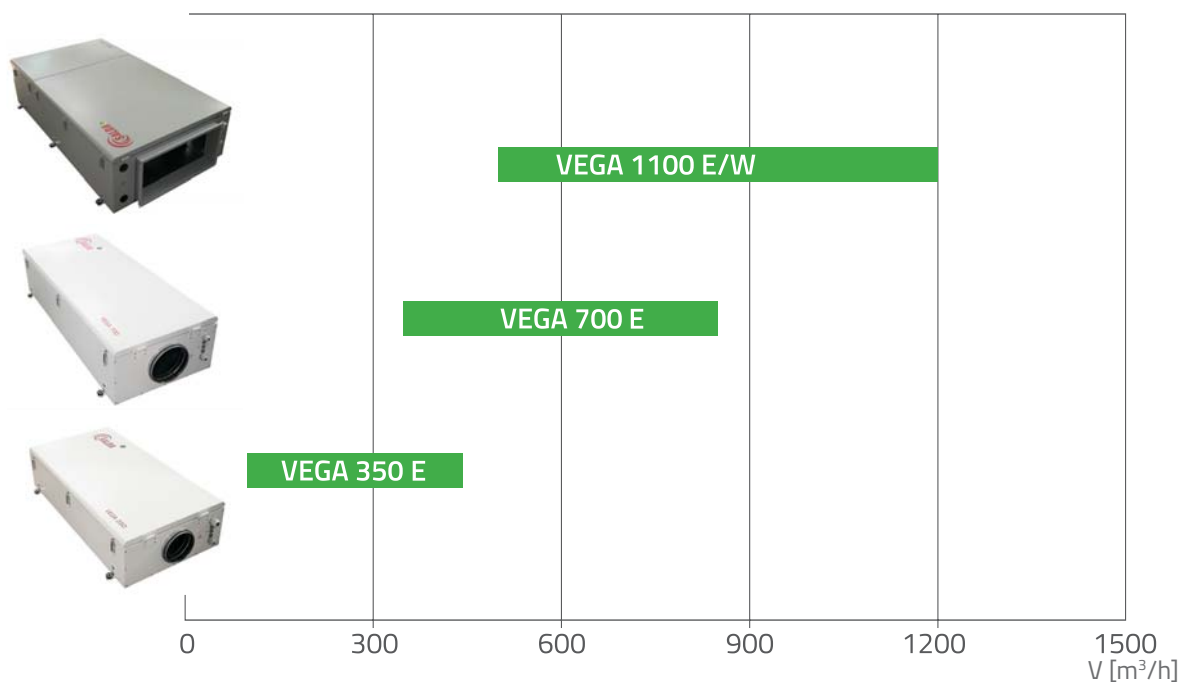
Our new modern air supply unit VEGA is designed to supply fresh and dust-free air to your food production facilities industrial premises, warehouses. In VEGA we've implemented our experience and knowledge for reliable, user-friendly and energy-efficient solution. VEGA units exceeds ErP 2016 requirements and together with other cost saving solutions provide the highest savings in the class. We know, that sometimes it's not easy to find the place for air supply unit. Therefore, VEGA has the lowest height and can be mounted in all the positions. Due to the fact, that our clients are located in various climate zones, this unit has a customizable heating system. As a solution VEGA has customized heating system. Electrical heater is optional, easy to install and there are three types of heaters for each climate.

Consult distributor for a most suitable air handling unit.

### Main features of VEGA:

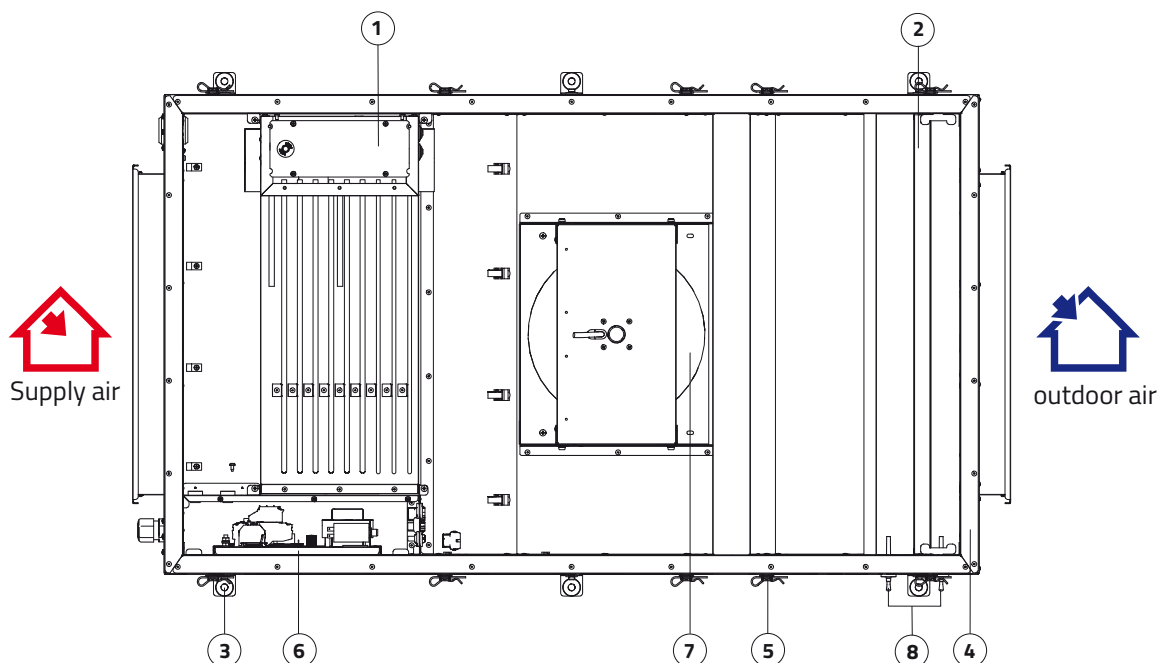
1. 3 Models with 3 different electrical heaters and model with water heater. 10 options in total!
2. 6 mounting positions and one person service.
3. Lowest height in the class.
4. Modern automatic control. Integration with building management system.
5. Cost-efficient solutions.

Your 3 VEGA models: VEGA 350 E, VEGA 700 E, VEGA 1100 E/W.



## CONSTRUCTION/ACCESSORIES

### CONSTRUCTION:



1. Electric heater (ordered and installed by the user) or integrated water heater for Vega 1100W
2. MPL filter G4
3. Amortization pads with hanging brackets
4. Casing (insulation thickness – 30mm)
5. Cover fastening pins
6. Integrated control box
7. Silent high efficiency fan
8. Pressure switch - 2 pcs. (only VEGA 1100 E/W)

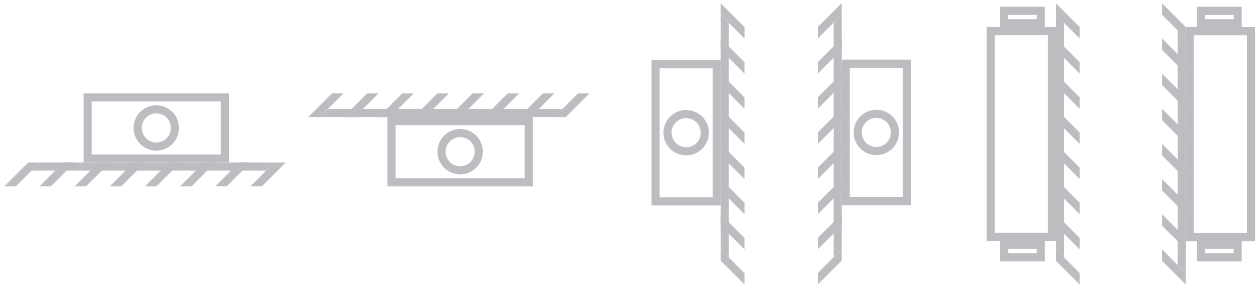
### ACCESSORIES:



## SPECIAL FEATURES

### SIMPLE INSTALATION:

› Mount on any position. 6 mounting possibilities.



### HEATERS:

We are aware of our clients' need to save on installation, equipment and energy. Each VEGA model has 3 optional electrical heaters. Electrical heater battery is supplied separately and can easily be fitted/changed at site. Optimal heater allows to reduce on equipment and lower electrical installation costs. Each electrical heater has integrated control board for automatic regulation.



For Nordic countries and highlands where temperature could drop below  $-10^{\circ}\text{C}$ , we recommend to choose the most powerful heater battery (VEGA 350 E 5.0 KW, VEGA 700 E H 9.0 kW, VEGA 1100 E 15.0 KW).



For Moderate climate counties like Central/West Europe, where temperature can drop till  $-10^{\circ}\text{C}$ , we recommend to choose medium capacity battery (VEGA 350 E 2.4 KW, VEGA 750 E 5.0 KW, VEGA 1100 E 9.0 KW).

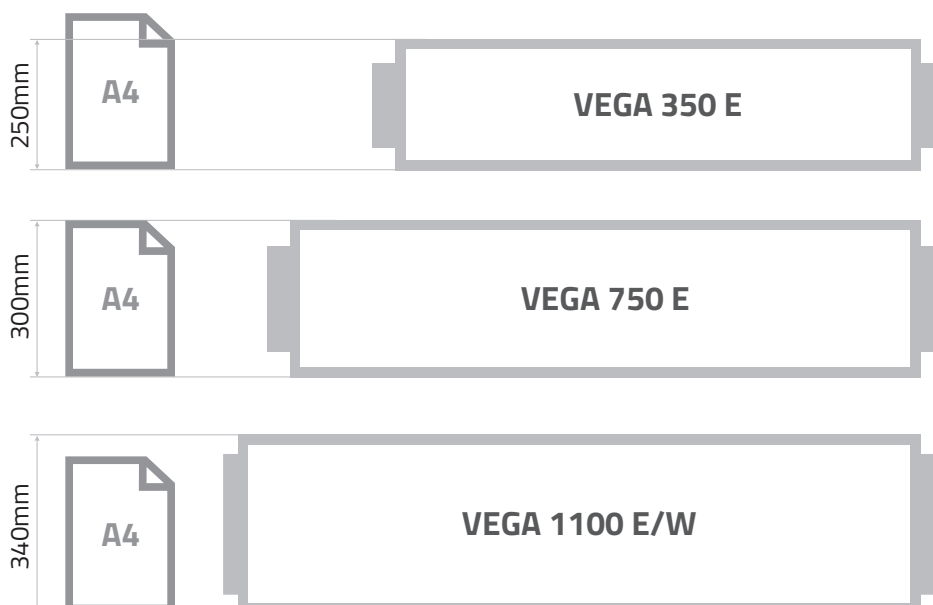


For Warmer climate counties like in South Europe, where temperature can drop till  $0^{\circ}\text{C}$ , we recommend to choose minimal capacity battery (VEGA 350 E 1.2 KW, VEGA 750 E 2.4 KW, VEGA 1100 E 6.0 KW).

We also offer VEGA 1100W with 16 kW water heater. Water heater for this model is already installed with no need of additional ordering.

## MOUNTING IN NARROW SPACES:

› All the VEGA line is designed to fit the lowest height.



## EASY MAINTENANCE:



### FILTERS:

Filter change. Filter can be easily changed by one person. Fast filter orders.



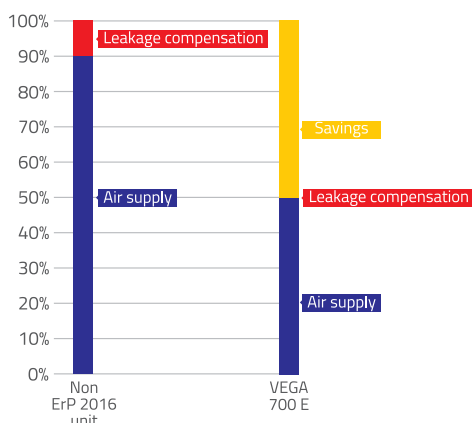
### DOOR OPENING:

Simple and safe door opening. Doors could be safely opened by single person. You can make all the maintenance without external help and additional tooling.



## MONEY SAVINGS

The cost-efficiency is the key focus in our product development. Personalization possibilities, lower installation and maintenance costs, as well as performed high efficiency will let you save your time and money.



### PERSONALIZATION:

VEGA will be manufactured regarding **your needs**: customized heaters, variable unit sizes, optional accessories. You will not be obliged to pay for the **unnecessary components**.

### SIMPLICITY:

**Simplicity** in installation and maintenance. How can you **save** by choosing VEGA:

- VEGA is designed to fit in **narrow spaces**. No need of **additional** construction **works** or **materials** for inconvenient placement.
- Simple** installation and mounting do not require additional **expensive** tooling and extensive working **hours**.
- VEGA maintenance is **simple** with no need of **additional** help or tooling.

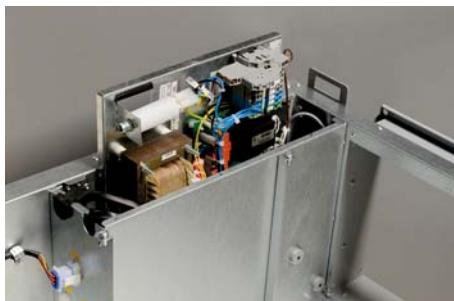
### SAVINGS:

We tend to achieve **top** energy **savings** in product class.

- › All VEGA models **exceed** ErP 2016 **requirements**. ErP 2016 requires to lower energy consumption for ventilation equipment. For example, VEGA 700E uses up to 110 W **less of power** to supply required amount of air in relation with non ErP units. It enables to **save** up to 640 kWh of electricity per year or up to **€140** per year.
- › VEGA has the **top** class of **airtightness**. Leakage is up to 1%. It represents not only quality itself, but also saves substantial amount of energy costs. Due to lower leakage VEGA 1000E uses about 24W **less power** to transport required amount of air in relation with lowest class products. You will **save** up to 140 kWh of electricity per year or up to **€30**.

## AUTOMATIC CONTROL

› All Vega units have integrated modern control box for automatic handling.





Air supply units VEGA are equipped with new integrated controller VENTIK. The manufacturer offers modern Stouch and FLEX remote control panels for distant control of air supply unit. Controller VENTIK can also be connected to building management system (BMS) via RS 485 protocol.

### VENTIK POSSIBILITIES:

- › 3 fan speeds.
- › Supply temperature control.
- › Damper control.
- › Weekly calendar (8 events a day).
- › Consistent electrical heater control.
- › User and service control level.
- › Fault diagnostics and reporting.
- › Fan motor protection.
- › Electrical heater overheating protection.
- › Electrical heater after cooling.
- › Output for external alarm.
- › Filter contamination control (VEGA 1100 E/W).
- › Water heater frost protection (VEGA 1100 W).
- › Water heater recirculation pump and three-way valve control (VEGA 1100 W).

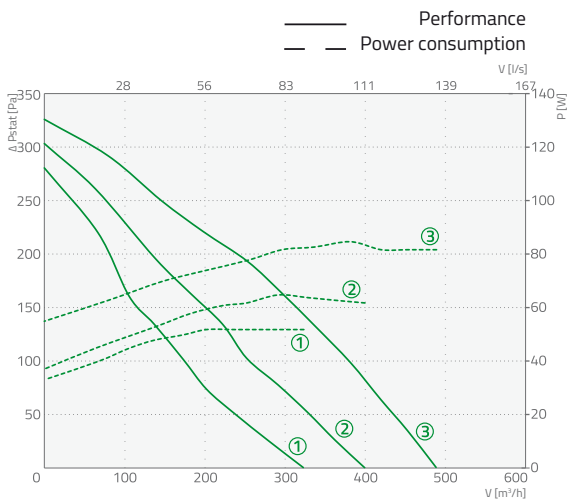
## REMOTE CONTROL

Controllers		
	<b>Stouch</b> Easy control, optimal adjusting	<b>Flex</b> Simple control, advanced adjusting
Display	Segment	LCD Monochrome
One touch control	✓	
Child lock	✓	
Touch sound feedback	✓	
Modbus communication protocol	✓	
Sleep mode	✓	✓
0-10 VDC output/input	✓	
Frame		
Dimensions H/L/W (mm)	84/84/22	86/86/19
Date and time		✓
Language selection		✓
Supply air temperature	✓	✓
Set point temperature	✓	✓
Fan speed (3 modes)	✓	✓
Fault alarms	✓	✓
Menu		✓

## TECHNICAL DATA

## VEGA 350 E

GAGVEGA130\_124



- ① 1 speed
- ② 2 speed
- ③ 3 speed

			EH 1.2 1f	EH 2.4 1f	EH 5.0 2f
Optional heater	phase/voltage	[50Hz/VAC]	~1/230	~1/230	~2/400
	power consumption	[kW]	1,2	2,4	5,0
	weight	[kg]	1,5	2	3
Fan	phase/voltage	[50Hz/VAC]	~1/230		
	power/current	[kW/A]	0,074/0,30		
	speed	[min <sup>-1</sup> ]	2800		
Air flow temperature		[°C]	-20...+40		
	protection class	IP	44		
Total power consumption (power/current)		[kW/A]	1,27/5,54	2,47/10,76	5,07/12,69
Insulation of casing		[mm]	30		
Filter class			G4		
Color		RAL	white (9016)		
Weight (net, without packing)		[kg]	34		
Control board			EKR-KEVer.1.4		

### ACOUSTIC DATA:

VEGA 350 E	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	58	48	54	52	48	41	37	28
Outlet	64	52	56	62	55	52	46	39
Surrounding	44	35	38	40	36	32	28	20

Measured at 380 m³/h, 100 Pa

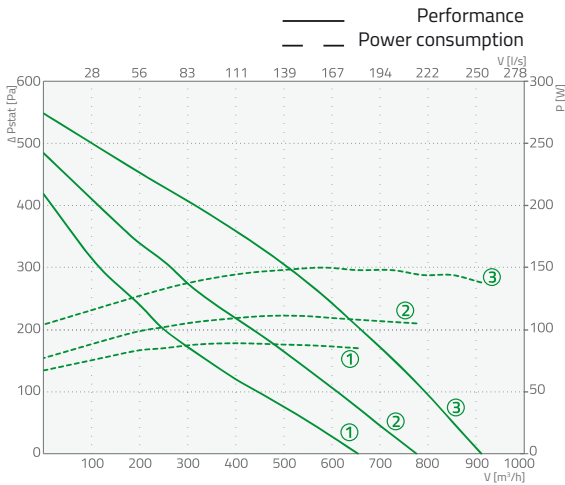
### ACCESSORIES:

<p>Electrical heater ZESVEGA001</p> <p><b>EHA 1.2 1f</b></p>	<p>Electrical heater ZESVEGA002</p> <p><b>EHA 2.4 1f</b></p>	<p>Electrical heater ZESVEGA003</p> <p><b>EHA 5.0 2f</b></p>	<p>Remote controller PRGPU051</p> <p><b>Stouch</b></p>	<p>Remote controller PRGPU015</p> <p><b>FLEX</b></p>	
<p>Spare filter set ZFEPF118</p> <p><b>MPL</b></p>	<p>Actuator for damper ZAKP0027</p> <p><b>CM230-1-F-L</b></p>	<p>Damper GSKSKG003</p> <p><b>SKG 160</b></p>	<p>Back draft shutter GSKRSK003</p> <p><b>RSK 160</b></p>	<p>Mounting clamp GAPAP004</p> <p><b>AP 160</b></p>	<p>Silencer GSOAKS006</p> <p><b>AKS 160-9</b></p>



## TECHNICAL DATA

## VEGA 700 E GAGVEGA130\_126



- ① 1 speed
- ② 2 speed
- ③ 3 speed

Optional heater	phase/voltage	[50Hz/VAC]	EH 2.4 1f	EH 5.0 2f	EH 9.0 3f
	power consumption	[kW]	~1/230	~2/400	~3/400
	weight	[kg]	2,4	5,0	9,0
Fan	phase/voltage	[50Hz/VAC]		~1/230	
	power/current	[kW/A]		0,14/0,60	
	speed	[min <sup>-1</sup> ]		2659	
	protection class	IP		44	
Air flow temperature		[°C]		-20...+40	
Total power consumption (power/current)		[kW/A]	2,54/11,04	5,14/12,85	9,14/13,19
Insulation of casing		[mm]		30	
Filter class				G4	
Color		RAL		white (9016)	
Weight (net, without packing)		[kg]		42	
Control board				EKR-KEVer.1.4	

### ACOUSTIC DATA:

VEGA 700 E	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	68	57	62	63	60	59	48	41
Outlet	71	57	64	68	62	57	52	43
Surrounding	55	45	47	51	48	45	40	34

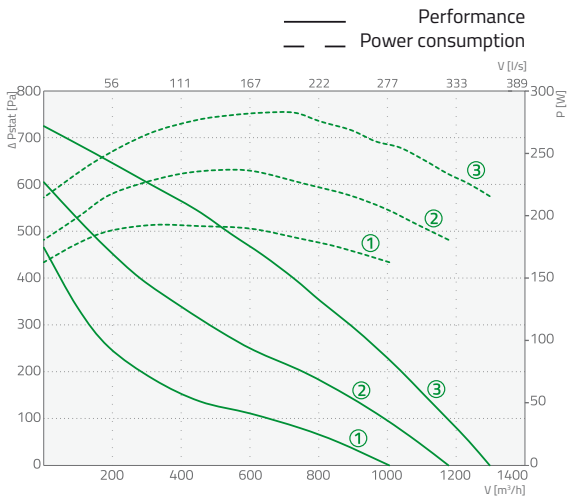
Measured at 790 m³/h, 100 Pa

### ACCESSORIES:

<p>Electrical heater ZESVEGA004</p> <p><b>EHA 2.4 1f</b></p>	<p>Electrical heater ZESVEGA005</p> <p><b>EHA 5.0 2f</b></p>	<p>Electrical heater ZESVEGA006</p> <p><b>EHA 9.0 3f</b></p>	<p>Remote controller PRGPU051</p> <p><b>Stouch</b></p>	<p>Remote controller PRGPU015</p> <p><b>FLEX</b></p>	
<p>Spare filter set ZFEP123</p> <p><b>MPL</b></p>	<p>Actuator for damper ZAKP0027</p> <p><b>CM230-1-F-L</b></p>	<p>Damper GSKSKG004</p> <p><b>SKG 200</b></p>	<p>Back draft shutter GSKRSK004</p> <p><b>RSK 200</b></p>	<p>Mounting clamp GAPAP005</p> <p><b>AP 200</b></p>	<p>Silencer GSOAKS008</p> <p><b>AKS 200-9</b></p>

## VEGA 1100 E

GAGVEGA130\_125



- ① 1 speed
- ② 2 speed
- ③ 3 speed

			EH 6.0 2f	EH 9.0 3f	EH 15.0 3f
Optional heater	phase/voltage	[50Hz/VAC]	~2/400	~3/400	~3/400
	power consumption	[kW]	6,0	9,0	15,0
	weight	[kg]	6,89	6,80	11,80
Fan	phase/voltage	[50Hz/VAC]		~1	
	power/current	[kW/A]		0,278/1,25	
	speed	[min <sup>-1</sup> ]		2760	
	protection class	IP		44	
Air flow temperature		[°C]		-20...+40	
Total power consumption (power/current)		[kW/A]	6,28/27,30	9,28/13,40	15,28/22,00
Insulation of casing		[mm]		30	
Filter class				G4	
Color		RAL		gray (7040)	
Weight (net, without packing)		[kg]		66	
Control board				EKR-KEVer.1.4	

### ACOUSTIC DATA:

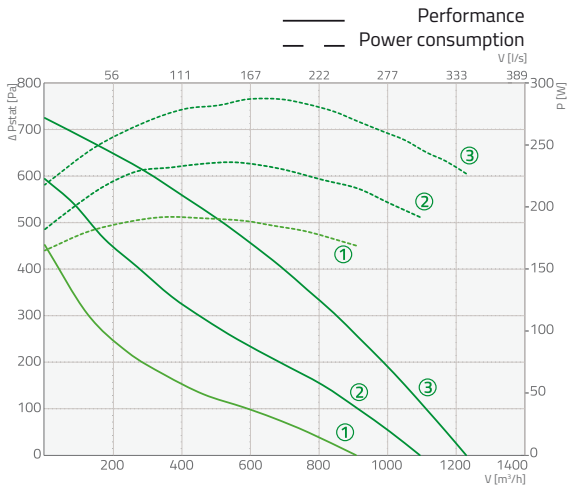
VEGA 1100 E	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	67	57	61	63	58	55	50	43
Outlet	73	58	66	70	67	61	56	50
Surrounding	55	45	48	50	48	46	41	37

Measured at 1170 m³/h, 100 Pa

### ACCESSORIES:

<p>Electrical heater ZESVEGA010</p>  <p><b>EH 6.0 2f</b></p>	<p>Electrical heater ZESVEGA011</p>  <p><b>EH 9.0 3f</b></p>	<p>Electrical heater ZESVEGA012</p>  <p><b>EH 15.0 3f</b></p>	<p>Remote controller PRGPU051</p>  <p><b>Stouch</b></p>	
<p>Remote controller PRGPU015</p>  <p><b>FLEX</b></p>	<p>Spare filter set ZFEFP130</p>  <p><b>MPL</b></p>	<p>Actuator for damper ZAKP0027</p>  <p><b>CM230-1-F-L</b></p>	<p>Damper GSKSSK013</p>  <p><b>SSK 500-250</b></p>	
			<p>Silencers GSOSKS003</p>  <p><b>SKS 50-25</b></p>	<p>Pressure sensor ZAKJT003</p>  <p><b>PS 600B</b></p>

## VEGA 1100 W GAGVEGA130\_128



- ① 1 speed
- ② 2 speed
- ③ 3 speed

			VEGA 1100 W
Water heater	power	[kW]	16,11
	water temperature	[C°]	+80/+60
	water flow rate	[l/s]	0,2
	water pressure drop	[kPa]	9,5
Fan	connection diameter	DN	1/2"
	phase/voltage	[50Hz/VAC]	~1
	power/current	[kW/A]	0,287/1,26
	speed	[min <sup>-1</sup> ]	2760
protection class		IP	44
Air flow temperature		[°C]	-20...+40
Total power consumption (power/current)		[kW/A]	0,29/1,70
Insulation of casing		[mm]	30
Filter class			G4
Color		RAL	gray (7040)
Weight (net, without packing)		[kg]	66
Automatic control			EKR-KEVer.1.4

### ACOUSTIC DATA:

VEGA 1100 W	Lwa total, dB(A)	LWA, dB(A)						
		125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	66	57	61	62	58	55	49	43
Outlet	73	58	65	69	66	62	56	51
Surrounding	54	45	47	49	48	44	40	37

Measured at 1110 m³/h, 100 Pa

### ACCESSORIES:

Remote controller  
PRGPU051



Electromotoric actuator  
ZAKP0063



Remote controller  
PRGPU015



Damper  
GSKSSK013



Spare filter set  
ZFEPF130



Silencers  
GSOSKS003



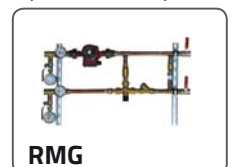
Thermic water valve actuator  
PRGP005



Pressure sensor  
ZAKJT003

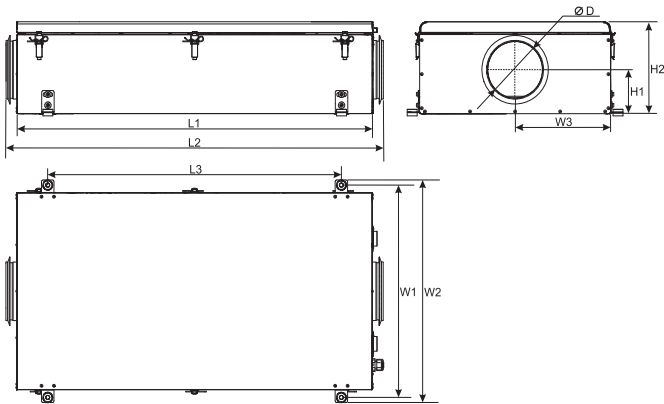


Mixing point  
(VEGA 1100W)

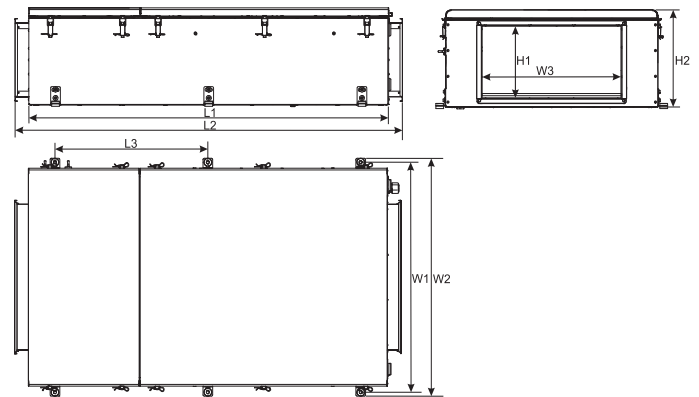


## DIMENSIONS:

### 350 E/700 E



### 1100 E/W



VEGA	L1, mm	L2, mm	L3, mm	W1, mm	W2, mm	W3, mm	H1, mm	H2, mm	Ø D, mm
350 E	1000	1060	825	578	606	268	125	250	160
700 E	1200	1260	1025	578	606	268	145	300	200
1100 E/W	1300	1400	554	807	835	500	250	340	-



> VEGA has 2 year warranty.  
 > Response to any claim in 24 hours.

Tested in independent laboratory "Siventa".  
 Performed tests:
 

- > aerodynamic,
- > thermal,
- > acoustic,
- > electrical performance,
- > sound power level,
- > sound energy level determination,
- > air leakage.

Annually audited Management system is applied according to ISO 9001:2008 standards.

Compatibility with ErP 2016 requirements: environmental, safety and energy consumption.



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