

# VEKA INT EKO

**NEW!**

Air handling units

Oro tiekimo agrgatai

Centrale klimatyzacyjne

Приточные агрегаты



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

- 6 sizes: 400, 700, 1000, 2000, 3000, 4000 m<sup>3</sup>/h with 1-3 phases electrical heaters.
- 4 models: 1000 and 2000, 3000, 4000 m<sup>3</sup>/h with water heaters.
- Integrated air damper with actuator.
- Installed pressure switch for filter pollution.
- Just remote controller must be selected: Flex, Stouch or TPC.
- Low height – perfect for under ceilings installation.
- EC fan for saving energy and money.
- Optional filters class: G4, M5 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 kompaktiškas ir atitinkantis aukščiausius standartus vėdinimo įrenginys, kuris užtikrina energijos taupimą ir greitą montavimą.

- 6 dydžiai: 400, 700, 1000, 2000, 3000, 4000 m<sup>3</sup>/h su vienfaziais ir trifaziais elektriniais šildytuvais.
- 4 dydžiai: 1000, 2000, 3000, 4000 m<sup>3</sup>/h su integruotais vandens šildytuvais.
- Integruota motorizuota oro sklendė.
- Integruotas filtrų užterštumo matuoklis.
- VEKA INT EKO galima valdyti su Flex, Stouch ir TPC pulteliais.
- Ypatingai žemas aukštis – idealus sprendimas montavimui po lubomis.
- EC ventiliatoriai – energijos ir kaštų taupimas.
- Galimybė papildomai komplektuoti G4, M5 arba F7.
- Galima montuoti ant grindų, plubomis arba ant sienos.
- Tylus ir ilgaamžis vėdinimo įrenginys.
- Elektrinio šildytuvo valdymas 0-10V.
- Integruota valdymo automatika.
- Papildomai komplektuojamas CO<sub>2</sub>, slėgio ar drėgmės keitiklis.
- Sienelių triukšmo izoliacija- 30 mm.



Centrale nawiewne VEKA INT EKO służą do dostarczenia Świeżego powietrza do pomieszczeń.







- Wydatki: 400, 700, 1000, 2000, 3000 oraz 4000 m<sup>3</sup>/h dostępne z nagrzewnicami elektrycznymi.
- Modele: 1000, 2000, 3000 oraz 4000 m<sup>3</sup>/h mogą być z nagrzewnicą wodną.
- Zintegrowana przepustnica powietrza z siłownikiem.
- Zainstalowany presostat.
- Możliwość sterownia sterownikami Flex, Stouch, TPC.
- Mała wysokość - idealny do instalacji pod sufitami.
- Energooszczędne i ciche wentylatory EC.
- Opcjonalnie Filtry klasy: G3, M5 lub F7.
- Możliwość montażu z boku konserwacji - w górę iw dół.
- Obudowa malowana proszkowo (RAL 7040).
- Sterowanie mocą nagrzewnic 0-10 V.
- Pełny zintegrowany system automatyki Plug&Play.
- Możliwość kontroli pracy agregatu chłodniczego
- Możliwość podpięcia czujników CO2 i HR
- Izolacja wełną mineralną 30 mm.



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

- Агрегаты 6 размеров: 400, 700, 1000, 2000, 3000, 4000 м<sup>3</sup>/ч с 1-3 фаз электрическими нагревателями.
- Агрегаты 4 размеров: 1000 и 2000, 3000, 4000 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: Flex, Stouch или TPC.
- Агрегат низкой высоты - идеально подходит для установки под потолками.
- ЕС вентиляторы для экономии энергии и денег.
- Дополнительный класс фильтров: G4, M5 или F7.
- Монтаж со стороны обслуживания - вверх и вниз.
- Порошковая окраска корпуса.
- Управление электрического нагревателя от 0 до 10В.
- Интегрированная система управления.
- К агрегату дополнительно можно постовлять и контролировывать охладитель и устройство CO<sub>2</sub>.
- Толщина акустической и тепловой изоляции наружных стен: 30мм.

## Accessories

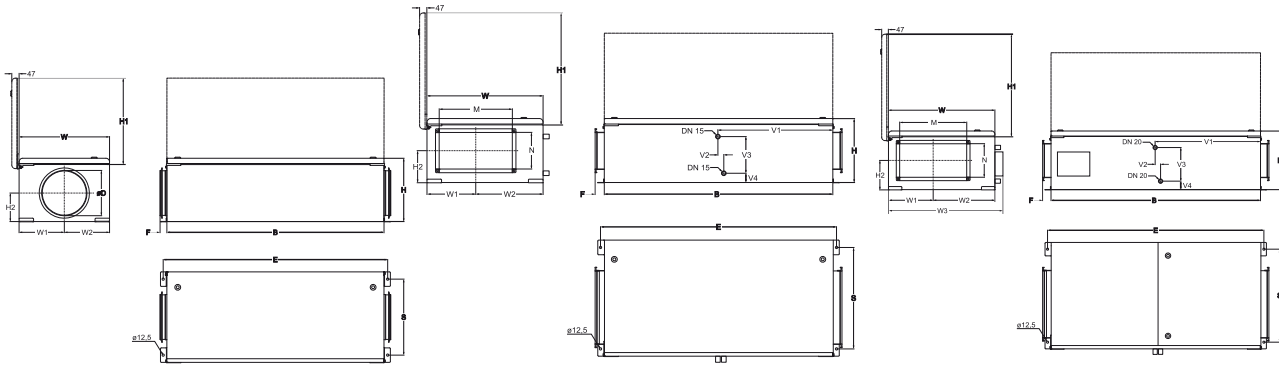
| Control panel   | Sensor controller   | Programmable controller   | Pressure transmitter  | CO2 sensors   | Duct humidity sensor  |
|---|---|---|---|---|---|
|  |  |  |  |  |  |
| Flex p. 178   | Stouch p. 179   | TPC p. 180  | 1141 p. 181   | RC02-F2 p. 182  | KFF-U p. 183  |

# VEKA INT EKO

VEKA INT 400 EKO  
VEKA INT 700 EKO

VEKA INT 1000 EKO  
VEKA INT 2000 EKO  
VEKA INT W 1000 EKO  
VEKA INT W 2000 EKO

VEKA INT 3000 - 4000 EKO  
VEKA INT W 3000 - 4000 EKO









| Type                | Dimensions [mm] |     |     |      |      |     |     |     |      |     |     |     |     |    |     |    |    |     |
|---------------------|-----------------|-----|-----|------|------|-----|-----|-----|------|-----|-----|-----|-----|----|-----|----|----|-----|
|                     | W               | W1  | W2  | W3   | 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 3000 EKO   | 950             | 417 | 533 | 1054 | 1400 | 550 | 985 | 268 | 1440 | 870 | 700 | 400 | 708 | 38 | 361 | 79 | 50 | -   |
| VEKA INT 4000 EKO   | 950             | 417 | 533 | 1054 | 1400 | 550 | 985 | 268 | 1440 | 870 | 700 | 400 | 708 | 38 | 361 | 79 | 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 | -   |
| VEKA INT W 3000 EKO | 950             | 417 | 533 | 1054 | 1400 | 550 | 985 | 268 | 1440 | 870 | 700 | 400 | -   | -  | -   | -  | 50 | -   |
| VEKA INT W 4000 EKO | 950             | 417 | 533 | 1054 | 1400 | 550 | 985 | 268 | 1440 | 870 | 700 | 400 | -   | -  | -   | -  | 50 | -   |

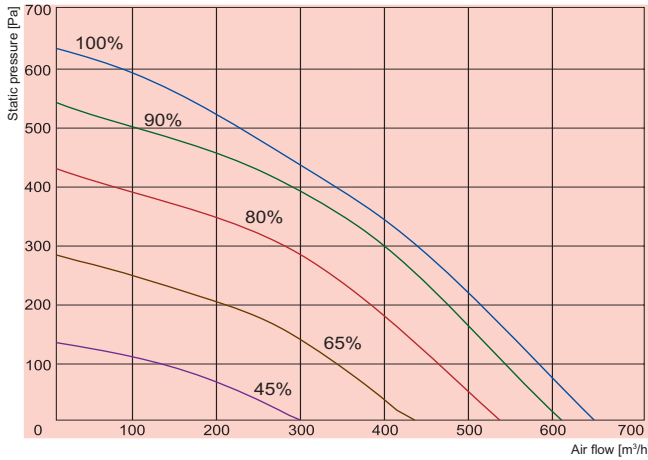
| Type                | Accessories     |                    |         |        |             |             |             |                 |                 |
|---------------------|-----------------|--------------------|---------|--------|-------------|-------------|-------------|-----------------|-----------------|
|                     | Flex Stouch 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 EKO     | +               | +                  | -       | 200    | -           | -           | -           | -               | -               |
| VEKA INT 700 EKO    | +               | +                  | -       | 250    | -           | -           | -           | -               | -               |
| VEKA INT 1000 EKO   | +               | +                  | 400x200 | -      | -           | -           | -           | -               | -               |
| VEKA INT 2000 EKO   | +               | +                  | 500x250 | -      | -           | -           | -           | -               | -               |
| VEKA INT 3000 EKO   | +               | +                  | 700x400 | -      | -           | -           | -           | -               | -               |
| VEKA INT 4000 EKO   | +               | +                  | 700x400 | -      | -           | -           | -           | -               | -               |
| VEKA INT W 1000 EKO | +               | +                  | 400x200 | -      | 61          | 3-1,6-4     | 3-1,0-4     | 45.10-1,6       | 45.10-1,0       |
| VEKA INT W 2000 EKO | +               | +                  | 500x250 | -      | 61          | 3-2,5-4     | 3-2,5-4     | 45.10-2,5       | 45.10-2,5       |
| VEKA INT W 3000 EKO | +               | +                  | 700x400 | -      | 61          | +           | +           | +               | +               |
| VEKA INT W 4000 EKO | +               | +                  | 700x400 | -      | 61          | +           | +           | +               | +               |

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

## Accessories

|  |   |  |   |  |   |
|--|---|--|---|--|---|
| <p>Rectangular duct silencer</p>  <p>SKS p. 233</p> | <p>Circular duct silencer</p>  <p>AKS p. 230</p> | <p>Mounting clamp</p>  <p>AP p. 229</p> | <p>Thermic water valve actuator</p>  <p>SSB p. 184</p> | <p>Mixing point</p>  <p>RMG p. 185</p> | <p>2 and 3 - way valves</p>  <p>VVP/VXP p. 186</p> |
|--|---|--|---|--|---|

# VEKA INT EKO

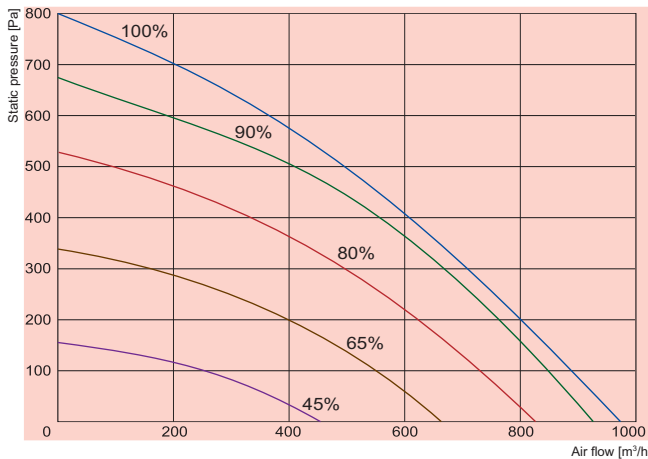


- ① VEKA INT400/1,2-L1 EKO
- ① VEKA INT 400/2,0-L1 EKO
- ① VEKA INT 400/5,0-L1 EKO

| VEKA INT 400 EKO | Lwa total, dB(A) | LWA, dB(A) |        |        |       |       |       |       |
|------------------|------------------|------------|--------|--------|-------|-------|-------|-------|
|                  |                  | 125 Hz     | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| Inlet            | 67               | 50         | 56     | 65     | 61    | 43    | 47    | 34    |
| Outlet           | 74               | 56         | 62     | 73     | 62    | 63    | 57    | 40    |
| Surrounding      | 53               | 37         | 41     | 51     | 45    | 38    | 37    | 24    |

Measured at 560 m³/h, 122 Pa

|                              |                             | 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 <sup>-1</sup> ] | 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 |                             | integrated     | integrated     | integrated     |
| Filter class                 |                             | M5             | M5             | M5             |
| Insulation of walls [mm]     |                             | 30             | 30             | 30             |
| Weight [kg]                  |                             | 37,0           | 37,0           | 37,0           |
| Comply with ERP 2013;2015    |                             | +              | +              | +              |



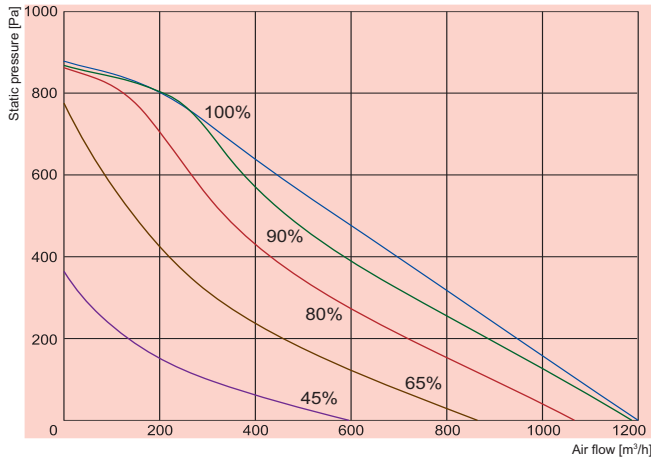
- ① VEKA INT 700/2,4-L1 EKO
- ① VEKA INT 700/5,0-L1 EKO
- ① VEKA INT 700/9,0-L1 EKO

| VEKA INT 700 EKO | Lwa total, dB(A) | LWA, dB(A) |        |        |       |       |       |       |
|------------------|------------------|------------|--------|--------|-------|-------|-------|-------|
|                  |                  | 125 Hz     | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| Inlet            | 69               | 50         | 59     | 61     | 65    | 64    | 54    | 52    |
| Outlet           | 75               | 62         | 68     | 73     | 63    | 53    | 46    | 40    |
| Surrounding      | 55               | 40         | 47     | 51     | 50    | 45    | 40    | 37    |

Measured at 838 m³/h, 162 Pa

|                              |                             | 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 <sup>-1</sup> ] | 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 |                             | integrated     | integrated     | integrated     |
| Filter class                 |                             | M5             | M5             | M5             |
| Insulation of walls [mm]     |                             | 30             | 30             | 30             |
| Weight [kg]                  |                             | 45,0           | 45,0           | 45,0           |
| Comply with ERP 2013;2015    |                             | +              | +              | +              |

# VEKA INT EKO

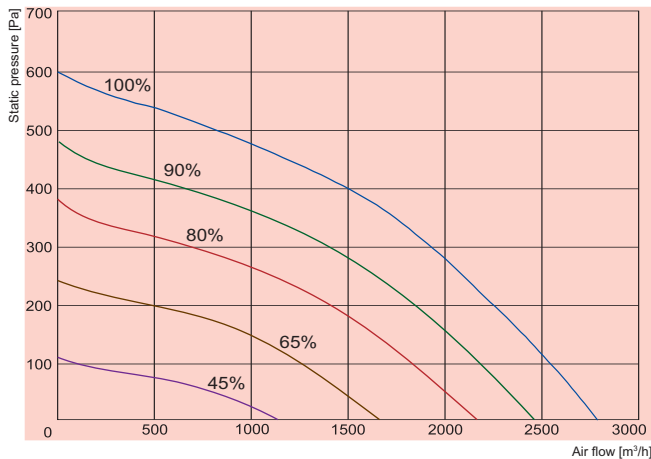


- ① VEKA INT 1000/2,4-L1 EKO
- ① VEKA INT 1000/5,0-L1 EKO
- ① VEKA INT 1000/9,0-L1 EKO
- ① VEKA INT 1000/12,0-L1 EKO

| VEKA INT 1000 EKO | Lwa total, dB(A) | LWA, dB(A) |        |        |       |       |       |       |
|-------------------|------------------|------------|--------|--------|-------|-------|-------|-------|
|                   |                  | 125 Hz     | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| Inlet             | 69               | 53         | 56     | 65     | 63    | 61    | 59    | 53    |
| Outlet            | 75               | 64         | 70     | 72     | 65    | 56    | 53    | 49    |
| Surrounding       | 55               | 44         | 45     | 51     | 48    | 44    | 41    | 38    |

Measured at 1036 m³/h, 133 Pa

|                              |                             | 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         | ~3, 400          |
|                              | -power consumption [kW]     | 2,4             | 5,0             | 9,0             | 12,0             |
| Fan                          | -phase/voltage [50Hz/VAC]   | ~1, 230         | ~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 <sup>-1</sup> ] | 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 |                             | integrated      | integrated      | integrated      | integrated       |
| Filter class                 |                             | M5              | M5              | M5              | M5               |
| Insulation of walls          | [mm]                        | 30              | 30              | 30              | 30               |
| Weight                       | [kg]                        | 56,0            | 56,0            | 57,0            | 57,0             |
| Comply with ERP 2013;2015    |                             | +               | +               | +               | +                |



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

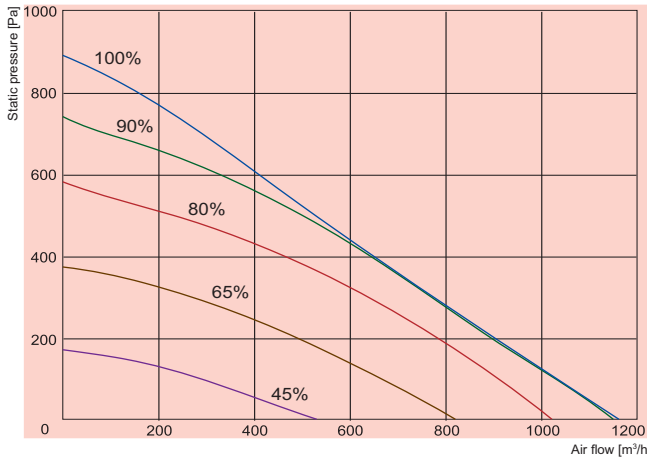
| VEKA INT 2000 EKO | Lwa total, dB(A) | LWA, dB(A) |        |        |       |       |       |       |
|-------------------|------------------|------------|--------|--------|-------|-------|-------|-------|
|                   |                  | 125 Hz     | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| Inlet             | 80               | 71         | 78     | 72     | 57    | 61    | 59    | 55    |
| Outlet            | 84               | 75         | 80     | 79     | 74    | 73    | 70    | 67    |
| Surrounding       | 65               | 58         | 62     | 57     | 49    | 52    | 51    | 48    |

Measured at 2493 m³/h, 120 Pa

|                              |                             | 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 <sup>-1</sup> ] | 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 |                             | integrated      | integrated       | integrated       |
| Filter class                 |                             | M5              | M5               | M5               |
| Insulation of walls          | [mm]                        | 30              | 30               | 30               |
| Weight                       | [kg]                        | 88,0            | 88,5             | 89,0             |
| Comply with ERP 2013;2015    |                             | +               | +                | +                |

**SALDA**

AIR HANDLING UNITS



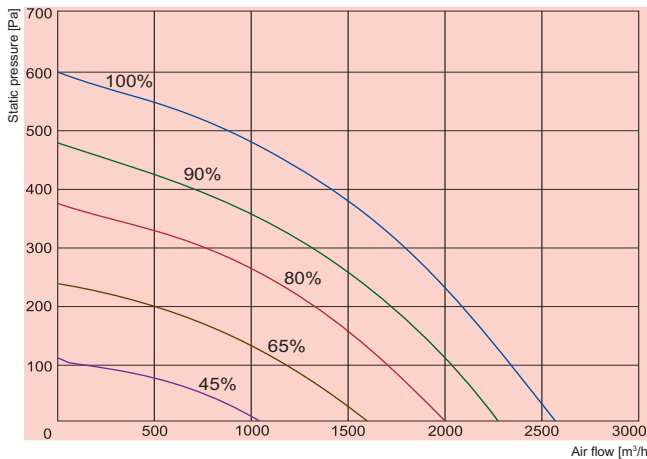
## ① VEKA INT W 1000/14,4-L1 EKO

| VEKA INT W 1000 EKO | Lwa total, dB(A) | LWA, dB(A) |        |        |       |       |       |       |
|---------------------|------------------|------------|--------|--------|-------|-------|-------|-------|
|                     |                  | 125 Hz     | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| Inlet               | 70               | 55         | 50     | 66     | 62    | 60    | 61    | 57    |
| Outlet              | 75               | 63         | 70     | 72     | 64    | 56    | 53    | 47    |
| Surrounding         | 54               | 43         | 42     | 51     | 48    | 43    | 42    | 39    |

Measured at 1010 m³/h, 121 Pa

### 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 |                               |            | integrated |
| Filter class                 |                               |            | M5         |
| Insulation of wall           | [mm]                          |            | 30         |
| Weight                       | [kg]                          |            | 56,0       |
| Comply with ERP 2013;2015    |                               |            | +          |



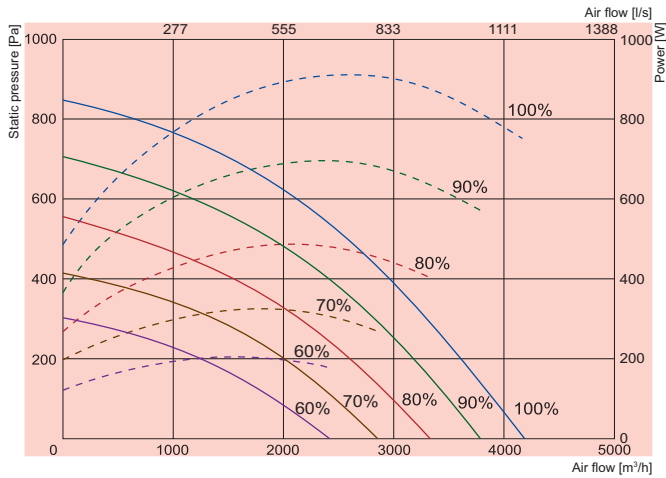
## ① VEKA INT W 2000/26,9-L1 EKO

| VEKA INT W 2000 EKO | Lwa total, dB(A) | LWA, dB(A) |        |        |       |       |       |       |
|---------------------|------------------|------------|--------|--------|-------|-------|-------|-------|
|                     |                  | 125 Hz     | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| Inlet               | 78               | 72         | 75     | 72     | 63    | 59    | 52    | 49    |
| Outlet              | 82               | 76         | 77     | 76     | 75    | 68    | 63    | 58    |
| Surrounding         | 64               | 58         | 61     | 56     | 49    | 40    | 38    | 32    |

Measured at 2304 m³/h, 113 Pa

### 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 |                               |            | integrated |
| Filter class                 |                               |            | M5         |
| Insulation of wall           | [mm]                          |            | 30         |
| Weight                       | [kg]                          |            | 88,0       |
| Comply with ERP 2013;2015    |                               |            | +          |



- ① VEKA INT 3000/15,0-L1 EKO
- ① VEKA INT 3000/21,0-L1 EKO
- ① VEKA INT 3000/30,0-L1 EKO
- ① VEKA INT 3000/39,0-L1 EKO

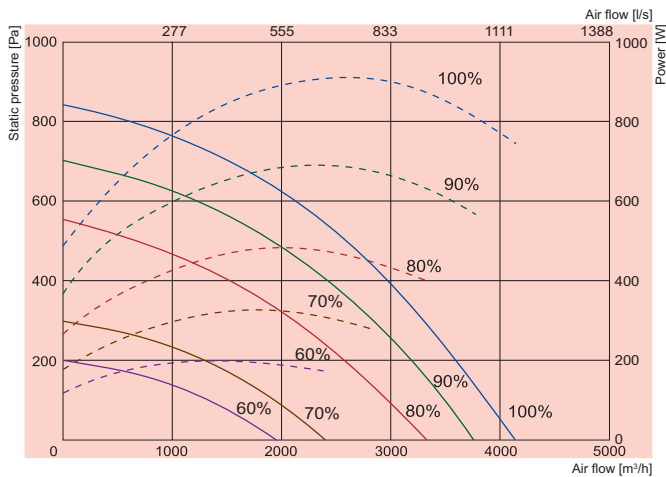
— Performance  
 - - - - - Power consumption

| VEKA INT 3000 EKO | Lwa total, dB(A) | LWA, dB(A) |        |        |       |       |       |       |
|-------------------|------------------|------------|--------|--------|-------|-------|-------|-------|
|                   |                  | 125 Hz     | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| Inlet             | 75               | 57         | 66     | 72     | 68    | 66    | 65    | 62    |
| Outlet            | 82               | 60         | 70     | 75     | 78    | 75    | 71    | 63    |
| Surrounding       | 68               | 50         | 59     | 63     | 61    | 61    | 58    | 51    |

Measured at 3805 m³/h, 122 Pa

### 3000/15,0-L1 EKO 3000/21,0-L1 EKO 3000/30,0-L1 EKO 3000/39,0-L1 EKO

|                              |                             |             |             |              |                |
|------------------------------|-----------------------------|-------------|-------------|--------------|----------------|
| Heater                       | -phase/voltage [50Hz/VAC]   | ~3, 400     | ~3, 400     | ~3, 400      | ~3, 400        |
|                              | -power consumption [kW]     | 15,07       | 21,0 (9+12) | 30,0 (15+15) | 39,0 (12+9+18) |
| Fan                          | -phase/voltage [50Hz/VAC]   | ~1, 230     | ~1, 230     | ~1, 230      | ~1, 230        |
|                              | -current [kW/A]             | 0,940/4,3   | 0,940/4,3   | 0,940/4,3    | 0,940/4,3      |
|                              | -speed [min <sup>-1</sup> ] | 2200        | 2200        | 2200         | 2200           |
|                              | -protection class           | IP-54       | IP-54       | IP-54        | IP-54          |
|                              | -power consumption [kW/A]   | 15,94/25,95 | 21,94/34,61 | 30,94/47,60  | 39,94/60,60    |
| Automatic control integrated |                             | integrated  | integrated  | integrated   | integrated     |
| Filter class                 |                             | M5          | M5          | M5           | M5             |
| Insulation of walls          | [mm]                        | 30          | 30          | 30           | 30             |
| Weight                       | [kg]                        | 137,0       | 138,0       | 140,0        | 141,0          |
| Comply with 2013;2015        |                             | +           | +           | +            | +              |



- ① VEKA INT W 3000/40,6-L1 EKO

— Performance  
 - - - - - Power consumption

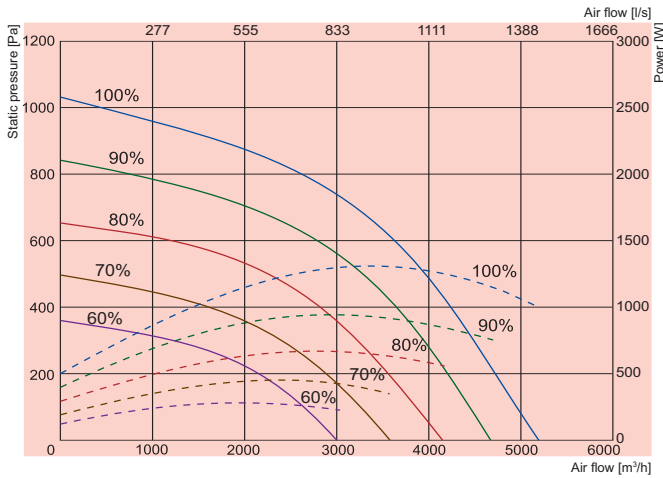
| VEKA INT W 3000 EKO | Lwa total, dB(A) | LWA, dB(A) |        |        |       |       |       |       |
|---------------------|------------------|------------|--------|--------|-------|-------|-------|-------|
|                     |                  | 125 Hz     | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| Inlet               | 75               | 57         | 65     | 71     | 68    | 66    | 65    | 62    |
| Outlet              | 81               | 60         | 69     | 74     | 78    | 74    | 70    | 63    |
| Surrounding         | 67               | 50         | 58     | 62     | 61    | 60    | 57    | 51    |

Measured at 3720 m³/h, 120 Pa

### W-3000/40,6-L1 EKO

|                              |   |            |
|------------------------------|---|------------|
| Water heater                 | -power [kW]   | 40,6       |
|                              | -water temp. T <sub>in</sub> /T <sub>out</sub> [°C] | +80/+60    |
|                              | -water flow rate [l/s]                              | 0,5        |
|                              | -water pressure drop [kPa]                          | 9,6        |
|                              | -kvs value [m³/h]                                   | 5,86       |
| Fan                          | -phase/voltage [50Hz/VAC]                           | ~1, 230    |
|                              | -current [kW/A]                                     | 0,94/4,3   |
|                              | -speed [min <sup>-1</sup> ]                         | 2200       |
|                              | -power consumption [kW/A]                           | IP-54      |
|                              | -motor protection class                             | 0,94/4,3   |
| Automatic control integrated |   | integrated |
| Filter class                 |   | M5         |
| Insulation of wall           | [mm]  | 30         |
| Weight                       | [kg]  | 140,0      |
| Comply with ERP 2013;2015    |   | +          |

**NEW!**



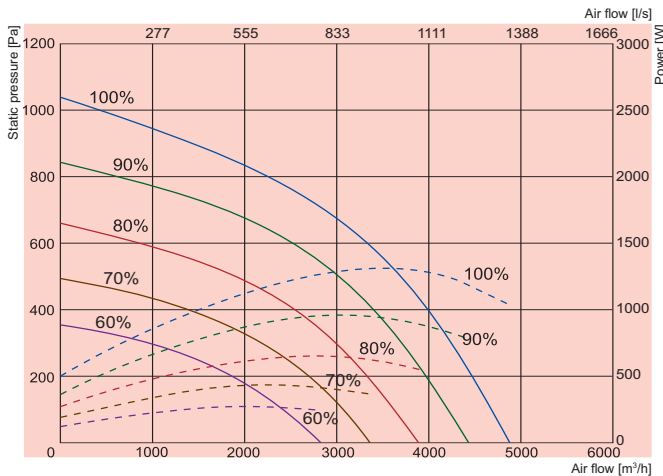
- ① VEKA INT4000/21-L1 EKO
- ① VEKA INT 4000/27-L1 EKO
- ① VEKA INT 4000/39-L1 EKO
- ① VEKA INT 4000/54-L1 EKO

— Performance  
- - - Power consumption

| VEKA INT 4000 EKO | Lwa total, dB(A) | LWA, dB(A) |        |        |       |       |       |       |
|-------------------|------------------|------------|--------|--------|-------|-------|-------|-------|
|                   |                  | 125 Hz     | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| Inlet             | 79               | 59         | 69     | 76     | 73    | 70    | 69    | 64    |
| Outlet            | 86               | 61         | 73     | 79     | 83    | 79    | 76    | 69    |
| Surrounding       | 72               | 52         | 62     | 67     | 66    | 65    | 63    | 55    |

Measured at 4857 m³/h, 142 Pa

|                              |                             | 4000/21-L1 EKO | 4000/27-L1 EKO | 4000/39-L1 EKO | 4000/54-L1 EKO |
|------------------------------|-----------------------------|----------------|----------------|----------------|----------------|
| Heater                       | -phase/voltage [50Hz/VAC]   | ~3, 400        | ~3, 400        | ~3, 400        | ~3, 400        |
|                              | -power consumption [kW]     | 21,0           | 27,0           | 39,0           | 54,00          |
| Fan                          | -phase/voltage [50Hz/VAC]   | ~1, 230        | ~1, 230        | ~1, 230        | ~1, 230        |
|                              | -current [kW/A]             | 1,285 / 5,8    | 1,285 / 5,8    | 1,285 / 5,8    | 1,285 / 5,8    |
|                              | -speed [min <sup>-1</sup> ] | 2390           | 2390           | 2390           | 2390           |
|                              | -protection class           | IP-54          | IP-54          | IP-54          | IP-54          |
|                              | -power consumption [kW/A]   | 22,2 / 35,0    | 28,2 / 45,0    | 40,3 / 61,0    | 55,2 / 76,0    |
| Automatic control integrated |                             | integrated     |                |                |                |
| Filter class                 |                             | M5             | M5             | M5             | M5             |
| Insulation of walls [mm]     |                             | 30             | 30             | 30             | 30             |
| Weight [kg]                  |                             | 137,0          | 139,0          | 143,0          | 148,0          |
| Comply with ERP 2013;2015    |                             | +              | +              | +              | +              |



- ① VEKA INT W 4000/54-L1 EKO

— Performance  
- - - Power consumption

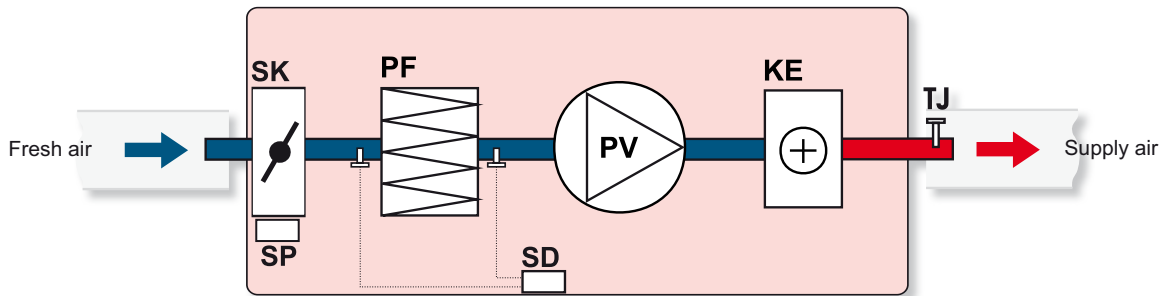
**NEW!**

| VEKA INT W 4000 EKO | Lwa total, dB(A) | LWA, dB(A) |        |        |       |       |       |       |
|---------------------|------------------|------------|--------|--------|-------|-------|-------|-------|
|                     |                  | 125 Hz     | 250 Hz | 500 Hz | 1 kHz | 2 kHz | 4 kHz | 8 kHz |
| Inlet               | 78               | 59         | 69     | 74     | 72    | 70    | 69    | 62    |
| Outlet              | 84               | 60         | 73     | 77     | 80    | 78    | 75    | 67    |
| Surrounding         | 71               | 51         | 62     | 65     | 64    | 65    | 62    | 53    |

Measured at 4677 m³/h, 101 Pa

|                              |   | W-4000/54-L1 EKO |
|------------------------------|---|------------------|
| Water heater                 | -power [kW]   | 56,95            |
|                              | -water temp. T <sub>in</sub> /T <sub>out</sub> [°C] | +80/+60          |
|                              | -water flow rate [l/s]                              | 0,7              |
|                              | -water pressure drop [kPa]                          | 12               |
|                              | -kvs value [m³/h]                                   | 7,33             |
|                              | Fan   |                  |
| -phase/voltage [50Hz/VAC]    |   | ~1, 230          |
| -current [kW/A]              |   | 1,258/5,8        |
| -speed [min <sup>-1</sup> ]  |   | 2390             |
| -power consumption [kW/A]    |   | 1,29/5,80        |
| -motor protection class      |   | IP-54            |
| Automatic control integrated |   | integrated       |
| Filter class                 |   | M5               |
| Insulation of wall [mm]      |   | 30               |
| Weight [kg]                  |   | 128,0            |
| Comply with ERP 2013;2015    |   | +                |

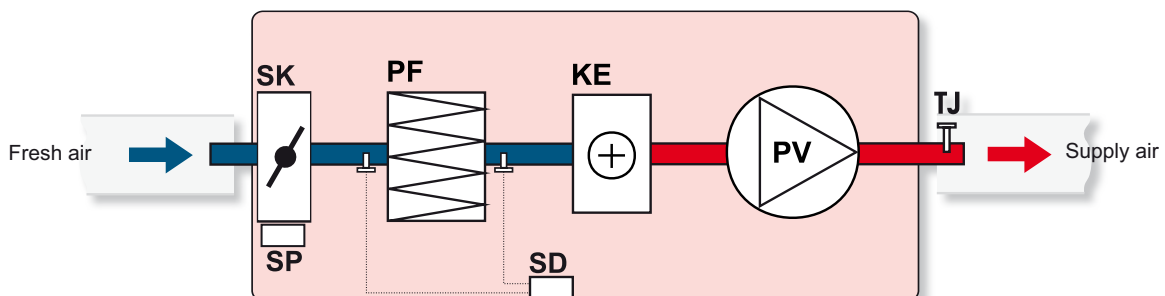
## VEKA INT 400 EKO; 700 EKO versions with electrical heater (view from inspection side)



- 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; 3000 EKO; 4000 EKO versions with electrical heater (view from inspection side)



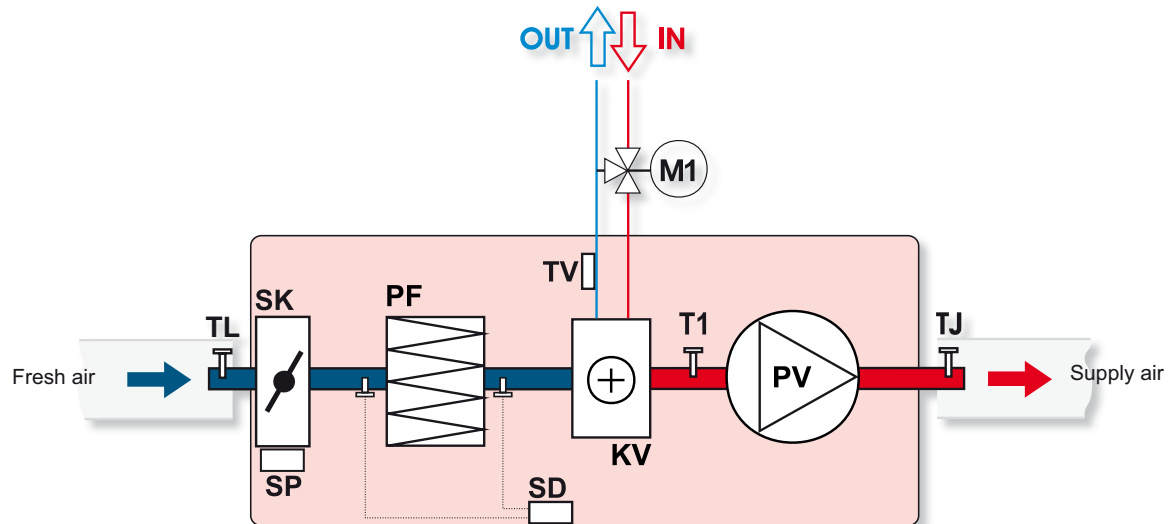
- PV - supply air fan
- PF - filter for supply air
- KE - electrical heater
- SK - air damper

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



# VEKA INT EKO

VEKA INT W 1000 EKO; W 2000 EKO; W 3000 EKO; W 4000 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

