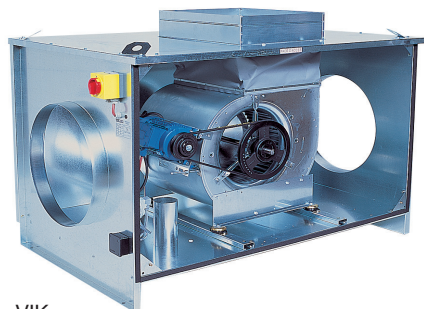


# Cabinet Fans

## Supply / exhaust fans



VIK

### APPLICATION

- Air exhaust / air supply, up to 12000 m³/h.
- Medium to large commercial and industrial premises.
- Airflow adjustment.

### DESCRIPTION

- Casing in galvanised steel with in-line circular connections.
- Forward curved fan mounted on slide rails and separated from the casing by anti-vibration mountings.
- Pulley-belt drive, with adjustable motorised pulley (adjustment of the fan speed).
- An inner filter rail (optional G4 or F5 filter).

### INSTALLATION

- Indoor/ outdoor.
- New and renovation.

### STANDARD RANGE R6

Description	Code
<b>1-speed + fitted switch</b>	
VIK 4000 - 1-speed + TPO + IP	11028031
VIK 5000 - 1-speed + TPO + IP	11028032
VIK 7000 - 1-speed + TPO + IP	11028033
VIK 8500 - 1-speed + TPO + IP	11028034
<b>2-speed + fitted switch</b>	
VIK 4000 - 2-speed + TPO + IP	11028035
VIK 5000 - 2-speed + TPO + IP	11028036
VIK 7000 - 2-speed + TPO + IP	11028037
VIK 8500 - 2-speed + TPO + IP	11028038

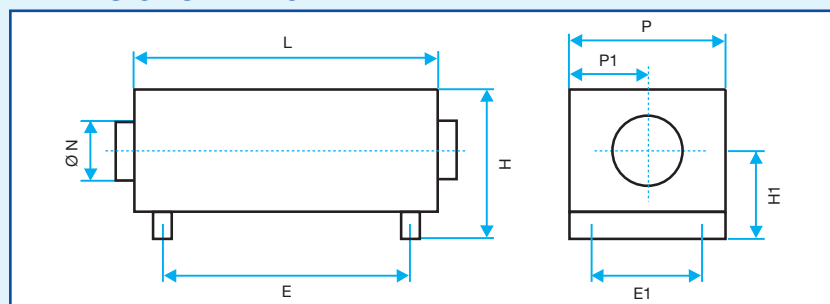
### RANGE with a choice of options R6

Description	Code
<b>Casing + motorised fan</b>	
VIK n°1 without MF	11028005
MF 4000 1-speed 50/60 Hz	OPT28006
MF 4000 2-speed	OPT28007
MF 5000 1-speed 50/60 Hz	OPT28008
MF 5000 2-speed	OPT28009
VIK n°2 without MF	11028010
MF 7000 1-speed 50/60 Hz	OPT28011
MF 7000 2-speed	OPT28012
MF 8500 2-speed 50/60 Hz	OPT28013
MF 8500 2-speed	OPT28014
VIK n°3 without MF	11028060
MF 12000 2-speed 50/60 Hz	OPT28742
Aquilone N°4	OPT28741
<b>Available options</b>	
G4 Filter VIK n°1	OPT28015
G4 Filter VIK n°2 and 3	OPT28018
F5 Filter VIK n°1	OPT28016
F5 Filter VIK n°2 and 3	OPT28019
Insulation VIK n°1	OPT28749
Insulation VIK n°2 and 3	OPT28748

### Advantages

- Connections in-line.
- Optional integrated filter.
- Airflow between 100 and 12000 m³/h.
- Motorised fan unit mounted on a slide rail.
- Adjustable drive pulley in series.

### DIMENSIONS - WEIGHT



Type	L (mm)	D (mm)	H (mm)	E (mm)	P1 (mm)	H1 (mm)	E1 (mm)	Ø N (mm)	Weight (kg)
VIK 4000	1161	737	675	1131	304	387	600	500	77
VIK 5000	1161	737	675	1131	304	387	600	500	80
VIK 7000	1406	941	943	1378	471	522	717	630	121
VIK 8500	1406	941	943	1378	471	522	717	630	127
VIK 12000	1406	941	943	1378	471	522	717	630	150

### M0 INCOMBUSTIBLE FLEXIBLE SLEEVES

Type	Vacuum cleaning Ø (mm)	Discharge Ø (mm)
VIK 4000 - 5000	500	500
VIK 7000 to 12000	630	630

### ELECTRICAL DETAILS

- IP 55 asynchronous motor, Class F, 230/400 V 3-phase - 50 Hz.
- Thermal Protection on opening built into the motor in parallel with the automatic reset winding (TPO with exposed wires).
- For the connection of the TPO, use the proposed tripping coil accessory with the thermal overload relay disconnecting switches, please see page 115.
- For operating and protection of the 2-speed fans, please see pages 172 - 177.

Type	Rated motor power (kW)	No. of poles	Max. power consumption (W)	Max. I. cons. (A)
VIK 4000 - 1-speed	1.1	4	1400	2.7
VIK 5000 - 1-speed	1.5	4	2400	4.5
VIK 7000 - 1-speed	1.8	4	2800	5.0
VIK 8500 - 1-speed	3.0	4	4800	8.0
VIK 12000 - 1-speed	4.0	4	6020	10.7
VIK 4000 - 2-speed	1.1 / 0.18	4/8	1500	2.8 / 1.0
VIK 5000 - 2-speed	1.5 / 0.25	4/8	2600	4.5 / 1.7
VIK 7000 - 2-speed	2.2 / 0.37	4/8	3500	5.5 / 2.2
VIK 8500 - 2-speed	3.0 / 0.55	4/8	4800	8 / 3.0
VIK 12000 - 2-speed	4.0 / 0.75	4/8	6020	10.7 / 3.7

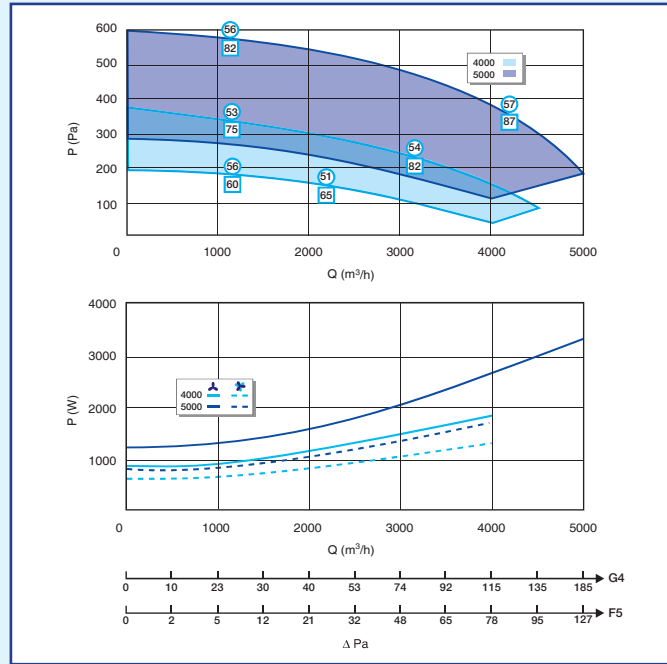
# Cabinet Fans

## VIK

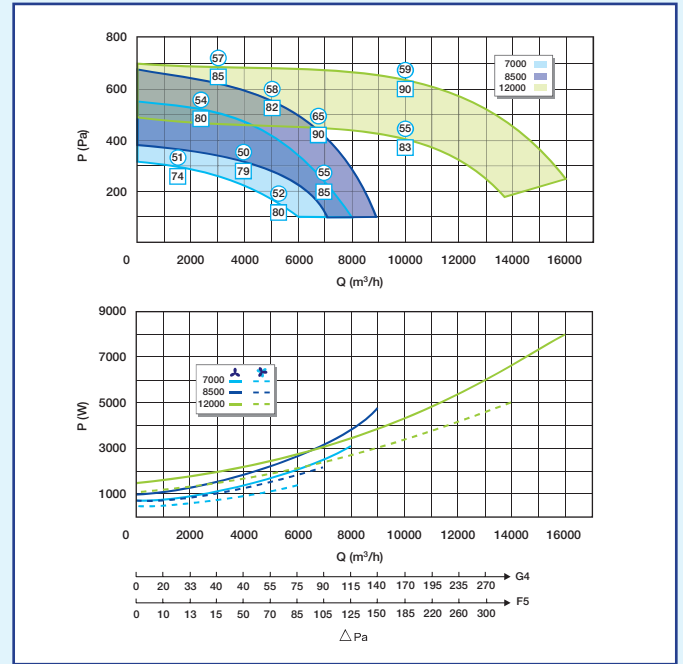
### AIRFLOW AND ACOUSTIC DETAILS

- The following airflow curves were drawn up in accordance with Standard EN ISO 5801.
- ○: Lp (dB (A)) = Sound pressure level measured at 4 m from the casing, with fan discharge connected.
- □: Lw (dB (A)) = Level of acoustic power radiated in the duct during air discharge.
- P (Pa) = Static pressure - P (W) = Maximum power consumption.

#### VIK 4000 - 5000



#### VIK 7000 - 8500 - 12000



### AVAILABLE OPTIONS (continued) R6

Description	Code
<b>Electrical</b>	
1-speed 7.5 kW proximity switch + aux. contacts	OPT28021
2-speed 7.5 kW proximity switch + aux. contacts	OPT28022
Pressure switch 40-300 Pa fitted	OPT28028
Pressure switch 100-1000 Pa connected/ fitted	OPT28029
Axone "All-in-One" 1-speed 4.7 A	OPT28025
Axone "All-in-One" 1-speed 16.7 A	OPT28027
VIK 4000 1-speed thermal overload relay	OPT28023
VIK 5000 - 7000 1-speed thermal overload relay	OPT28024
VIK 8500 1-speed thermal overload relay	OPT28026
VIK 12000 1-speed thermal overload relay	OPT28739
Filter clogging detection	OPT28030
<b>Finish</b>	
Epoxy Casing - VIK n°1	OPT28071
Epoxy Casing - VIK n°2	OPT28073
Epoxy Casing - VIK n°3	OPT28076
Epoxy Casing + MV VIK n°1	OPT28072
Epoxy Casing + MV VIK n°2	OPT28074
Epoxy Casing + MV VIK n°3	OPT28075
Screw-fit casing	OPTVISSE
Left hand side access	OPT58171
Standard opposite face access	OPT58172

### ACCESSORIES R6

Description	Code
Flexible sleeve M0 Ø 500 mm	11025076
Flexible sleeve M0 Ø 630 mm	11025077
Rain hood + grille Ø 500 mm	11056374
Rain hood canopy + grille Ø 630 mm	11056375
G4 filter VIK 4000 - 5000	11028050
G4 filter VIK 7000 - 8500 - 12000	11028048
F5 filter VIK 4000 - 5000	11028049
F5 filter VIK 7000 - 8500 - 12000	11028047

# Cabinet Fans

## Low energy consumption supply / exhaust fans



VIK micro-watt

Green Product



### Advantages

- Low energy consumption.
- Single-phase power supply.
- Connections in-line.
- Optional integrated filter.

### APPLICATION

- Air exhaust / air supply, up to 12000 m<sup>3</sup>/h.
- Medium to large commercial and industrial buildings.

### DESCRIPTION

- Casing in sheet metal with circular connections supplied with an electronics box to be screwed on on-site, pre-wired and pre-programmed at the factory, adjustment potentiometer included.
- Forward curved fan mounted on slide rails and separated from the casing by anti-vibration mountings.
- Pulley-belt type drive.
- An inner filter rail (optional G4 or F5 filter).

NOTE: for heating of air, see *Heating / Cooling coils* pages 214 to 216.

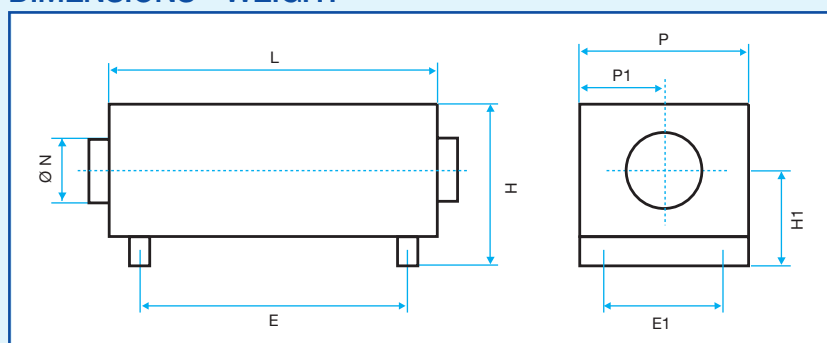
### INSTALLATION

- Indoor / outdoor.
- New and renovation.

### RANGE with a choice of options **R6**

Description	Code
<b>Casing + motorised fan</b>	
VIK n°1 without MF	11028005
MV 4000 micro-watt	OPT28085
MV 5000 micro-watt	OPT28086
VIK n°2 without MF	11028010
MV 7000 micro-watt	OPT28087
MV 8500 micro-watt	OPT28088
VIK N°3 without MF	11028060
MV 12000 micro-watt	OPT28089
<b>Available options</b>	
G4 filter VIK n°1	OPT28015
G4 filter VIK n°2 and 3	OPT28018
F5 filter VIK n°1	OPT28016
F5 filter VIK n°2 and 3	OPT28019
Insulation VIK n°1	OPT28749
Insulation VIK n°2 and 3	OPT28748

### DIMENSIONS - WEIGHT



Type	L (mm)	D (mm)	H (mm)	E (mm)	P1 (mm)	H1 (mm)	E1 (mm)	Ø N (mm)	Weight (kg)
VIK 4000	1161	737	675	1131	304	387	600	500	77
VIK 5000	1161	737	675	1131	304	387	600	500	80
VIK 7000	1406	941	943	1378	471	522	717	630	121
VIK 8500	1406	941	943	1378	471	522	717	630	127
VIK 12000	1406	941	943	1378	471	522	717	630	150
Micro-watt unit	260	350	500						15

### M0 INCOMBUSTIBLE FLEXIBLE SLEEVES

Type	Vacuum cleaning Ø (mm)	Discharge Ø (mm)
VIK 4000 - 5000	500	500
VIK 7000 to 12000	630	630

### ELECTRICAL DETAILS

- Asynchronous motor - IP 55 - class F - 3-phase 230/400 V - 50 Hz.
- 230 V - 50/60 Hz 1-phase power supply (except VIK 8500, 230/400 V 3-phase power supply).
- Thermal protection on opening and with resetting automatically integrated into the motor (TPO with exposed wires) directly connectable to the micro-watt box (cf. *Assembly instructions*).

Type	Rated motor power (kW)	No. of poles	Max. power consumption (W)	Max. I. cons. (A)
VIK 4000 micro-watt	1.1	4	1400	9.0
VIK 5000 micro-watt	1.5	4	2400	15.0
VIK 7000 micro-watt	1.8	4	2800	16.0
VIK 8500 micro-watt	3.0	4	4800	8.0
VIK 12000 micro-watt	4.0	4	6020	10.7

# Cabinet Fans

## VIK micro-watt

OPTIONS AVAILABLE (continued) **R6**

Description	Code
<b>Electrical</b>	
Filter clogging detection	OPT28030
<b>Finish</b>	
Epoxy casing - VIK n°1	OPT28071
Epoxy casing - VIK n°2	OPT28073
Epoxy casing - VIK n°3	OPT28076
Epoxy casing + MV VIK n°1	OPT28072
Epoxy casing + MV VIK n°2	OPT28074
Epoxy casing + MV VIK n°3	OPT28075
Screw-fit casing	OPTVISSE
Left hand side access	OPT58171
Standard opposite face access	OPT58172

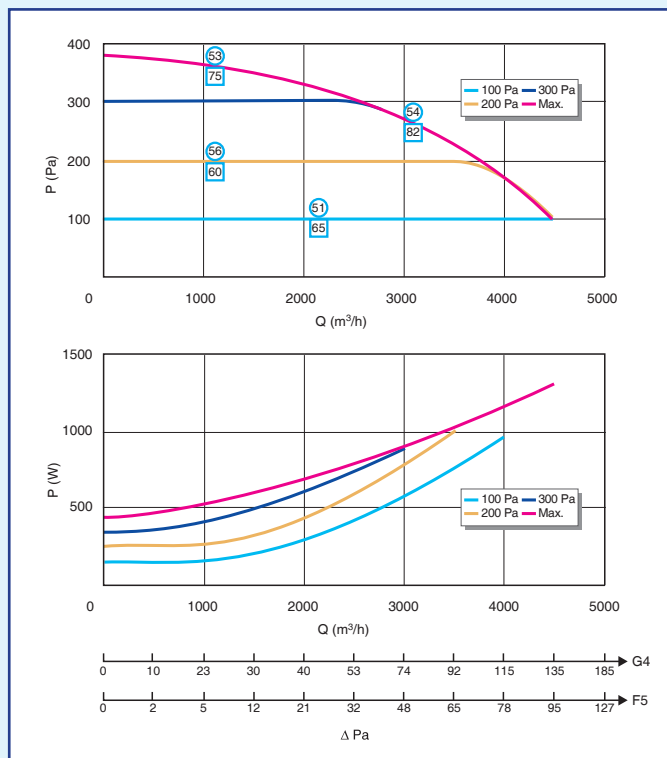
## ACCESSORIES **R6**

Description	Code
Flexible sleeve M0 Ø 500 mm	11025076
Flexible sleeve M0 Ø 630 mm	11025077
Rain hood + grille Ø 500 mm	11056374
Rain hood canopy + grille Ø 630 mm	11056375
G4 filter VIK 4000 - 5000	11028050
G4 filter VIK 7000 - 8500 - 12000	11028048
F5 filter VIK 4000 - 5000	11028049
F5 filter VIK 7000 - 8500 - 12000	11028047
<b>Electrical accessories (see pages 172 - 177)</b>	
Offset control	11057084
IP55 offset control	11057085
Thermal overload relay 6.3 - 10 A	11057055
Thermal overload relay 11 - 16 A	11057056

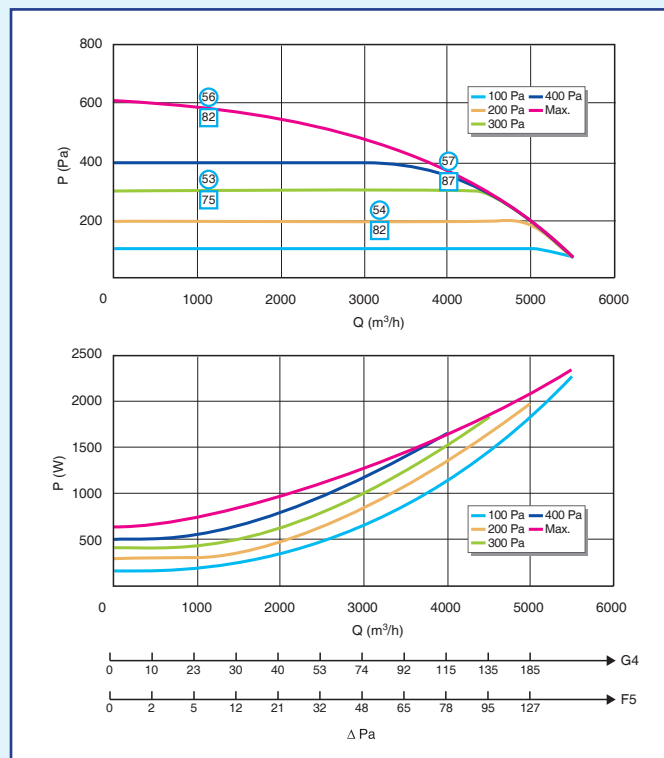
## AIRFLOW AND ACOUSTIC DETAILS

- The following airflow curves were drawn up in accordance with Standard EN ISO 5801.
- : Lp (dB (A)) = Sound pressure level measured at 4 m from the casing, with fan discharge connected.
- : Lw (dB (A)) = Level of acoustic power radiated in the duct during air discharge.
- P (Pa) = Static pressure - P (W) = Maximum power consumption.

### VIK 4000 micro-watt



### VIK 5000 micro-watt



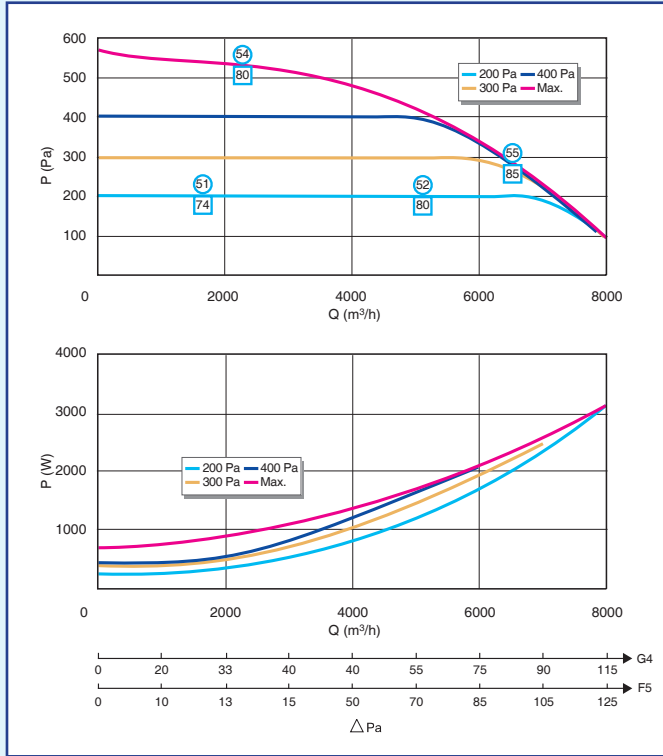
# Cabinet Fans

## VIK micro-watt

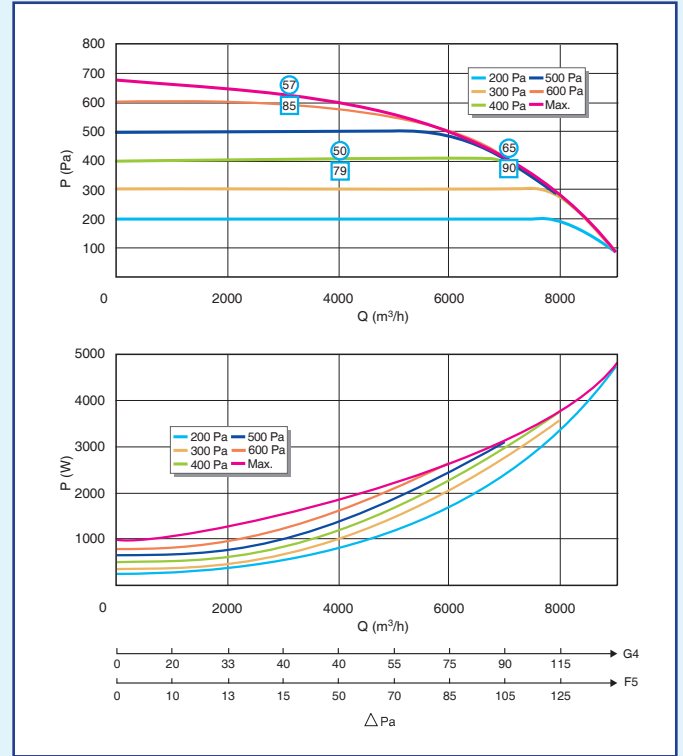
### AIRFLOW AND ACOUSTIC DETAILS

- The following airflow curves were drawn up in accordance with Standard EN ISO 5801.
- $\circ$ :  $L_p$  (dB (A)) = Sound pressure level measured at 4 m from the casing, with fan discharge connected.
- $\square$ :  $L_w$  (dB (A)) = Level of acoustic power radiated in the duct during air discharge.
- P (Pa) = Static pressure - P (W) = Maximum power consumption.

### VIK 7000 micro-watt



### VIK 8500 micro-watt



### VIK 12000 micro-watt

