

Roof Fans

Presentation of the VELONE F400° advantages



VELONE without option



With the "All-in-One" option

Compliance

- Conforms with the CE marking.
- F400°(2h) classification in accordance with Standard EN 12101-3.
- "All-in-One" option, backdraft damper and rain hood kit accessories in compliance with EN 12101-3.

**CIVIL
DEFENCE
APPROVED**

Advantages

- Up to 27000 m³/h.
- Electrical accessories wired up at the factory and fixed to the interior for protection against impacts and bad weather.
- Aeraulics connection of the pressure switch made at the factory.
- IP x4 validated rain hood kit.
- Pivot pin: easy cleaning.

APPLICATION

- Smoke extraction from residential, commercial and industrial buildings
- Ventilation of commercial premises with a need for fire protection classification (professional kitchens, sports halls, workshops etc.).

FIRE PROTECTION RATING

- VELONE was awarded the classification F400°(2h) The "All-in-One" option (integrated relay box), backdraft damper and the rain hood kit have all been validated by fire resistance tests.
- CE in accordance with Standard EN 12101-3.

DESCRIPTION

- 10 sizes of roof fans: for airflow rates between 500 and 27000 m³/h.
- Base and motor mountings in galvanised steel, cover in ABS fixed by 4 quick-motion screws.
- Backward curve impeller in galvanised steel.
- IP 55, class F electrical motor.
- Protection grille in galvanised steel.

INSTALLATION

- Outdoors on a flat roof stack (accessory) or directly connected to the duct.

AVAILABLE OPTIONS

- Adjustable pressure switch fixed to the interior to protect it from impacts and bad weather. EXCLUSIVE: the pressure switch is connected/fitted (NOTE: for use at 2 smoke exhaust speeds, fit 2 pressure switches).
- Proximity switch wired up and fixed to the interior to protect it from impacts and bad weather.
- "All-in-One" option.
- Ideal solution when the relay box is installed less than 2 m from the VELONE roof fan.
- Saves time when wiring up, simplified installation and a guarantee that the product will work on-site.
- The wiring of the relay box is carried out at the factory, in compliance with NF-S-61932.
- Always comprises the relay box, pressure switch and proximity switch.
- 1-speed model: the AXONE relay box is fixed to the interior to protect it from impacts and bad weather.
- 2-speed model: the AXONE relay box is fixed to the exterior of the roof fan. Possibility of using the flat roof support.
- In case of use of the vertical exhaust kit, fix the relay.

ACCESSORIES

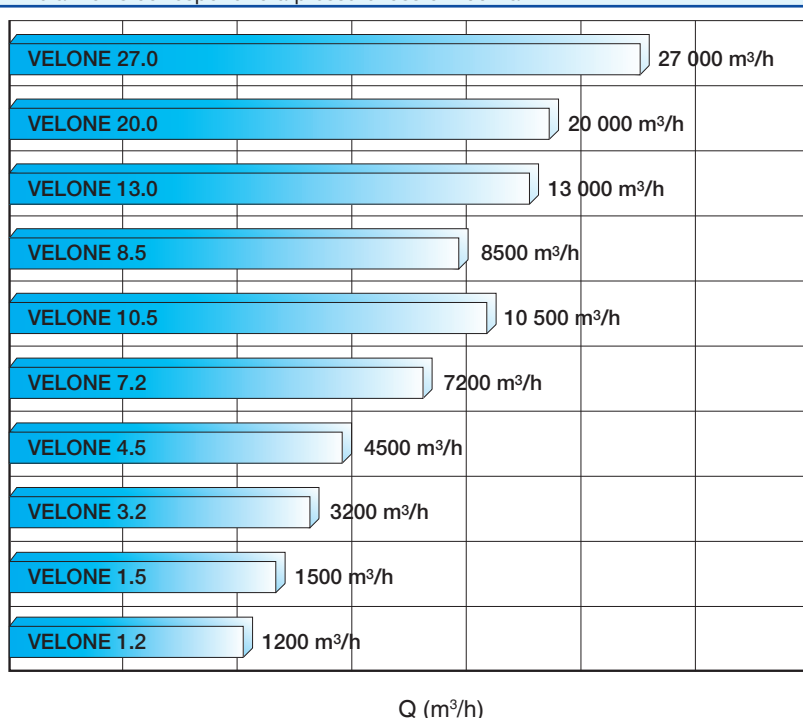
- Rain hood kit, laboratory tested for IP x 4 = sprayed from all directions
- Backdraft damper fire resistance tested.
- Vertical exhaust kit: prohibits with the "All-in-One" solution.
- Grouting frame or duct frame.
- Pivot pin.
- Flat roof stack or sloped roof stack.
- AXONE flat roof support.

Electrical accessories

- Frequency controller.

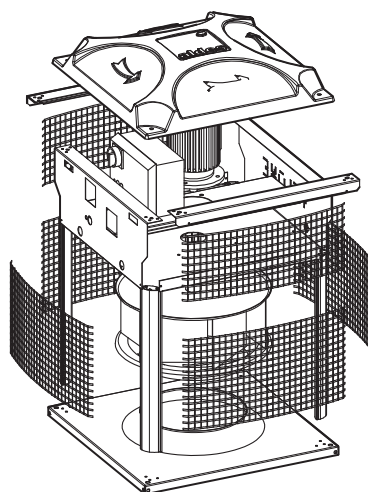
PRE-SELECTION OF VELONE MODEL

- The airflows correspond to a pressure loss of 200 Pa.



DESIGN

- It is possible to integrate the proximity switch, pressure switch(es) and the 1-speed AXONE Micro II relay box under the cover.



Roof Fans

Presentation of the VELONE F400° advantages



Without option



With the "All-in-One" option



With the "All-in-One" option - cover removed

AIRFLOW UP TO 27000 m³/h

- Aldes has taken particular care in the design of the VELONE in order to offer you a range of smoke exhaust roof fans that comply with the CE marking up to 27000 m³/h, without increasing the dimensions of the base.

COMPACT SO AS TO PROTECT IT FROM IMPACTS AND BAD WEATHER

- We have preferred to improve the motor mounting by using galvanised steel, rather than plastic, because we believe that for a lengthy service life the electrical accessories such as relay boxes, pressure switches and proximity switches, should be fully protected from impacts and bad weather.
- On the 2-speed model, the AXONE relay box is supplied with a 2 m long cable for fixing outside the roof fan. Possibility of using the flat roof support.

AIR DUCT CONNECTION OF THE PRESSURE SWITCH

- Being the inventor of the "All-in-One" solution (relay box wired up at the factory), we are now offering an exclusive feature on this new range - the air duct connection of the pressure switch.
- This option minimises man-hour time on-site: drilling holes in the ductwork on-site is a thing of the past!

RAIN HOOD KIT IPx4 - AN ALDES EXCLUSIVE FEATURE

- A smoke exhaust roof fan, used only for smoke extraction is permanently at rest, ready to start up in case of fire or for testing. A smoke exhaust roof fan at rest, presents a risk of penetration by rain during thunderstorms and violent winds.
- The new VELONE design now allows us to offer you a new accessory called the "rain hood kit". Comprised of 4 parts to be mounted on-site, the rain hood kit passed fire resistance tests and has an IP x4 safety index validated by the CETIAT laboratory.
- This classification corresponds to the usual safety protection index used for electrical equipment: switch, pressure switch, relaying box. The first figure concerns dust protection (because it does not concern a roof fan), the second figure is equivalent to water protection: The 4 guarantees its leaktightness faced with water sprayed at it from all directions with a flow rate of 600 l/h!

CONFORMING BACKDRAFT DAMPER

- The backdraft damper which enables it to avoid heat losses succeeded in passing the regulatory fire resistance tests.

EASY REPLACEMENT

- This range of roof fans can replace any VELONE roof fan delivered between 1998 and 2006. In fact, we designed this new range without having to change the dimensions of the base. Moreover, with an equivalent base dimension, the new range can only give better performances in terms of aeraulics.

Roof Fans

VELONE F400 -1.2 - 3-phase/ 1-phase



With the "All-in-One" option

Compliance

- Conforms with the CE marking in accordance with Standard EN 12101-3.
- F400 (2h) classification.
- "All-in-One" option, backdraft damper and rain hood kit accessories in compliance.

**CIVIL
DEFENCE
APPROVED**

Advantages

- Accessories are protected from impacts + bad weather due to the metal body.
- Electrical accessories wired up at the factory and fixed to the interior for protection against impacts and bad weather.
- Pressure switch air duct connection is carried out at the factory.
- IP x4 validated rain hood kit.
- Pivot pin: easy to clean.

DESCRIPTION

- Airflow between 100 and 1200 m³/h under 200 Pa.

RANGE with a choice of options **R8**

Description	Code
VELONE 1-speed	
VELONE 1.2M 0.24KW	11021390
VELONE 1.2 - 4T 0.37KW	11021340

AVAILABLE OPTIONS **R8**

- Pressure switch connected to the air duct, fixed and protected.
- Proximity switch wired up, fixed and protected.
- "All-in-One" solution (unavailable in 1-phase):
 - relay box delivered pre-wired,
 - pressure switch and proximity switch supplied and wired up.
- In case of use of the vertical exhaust kit, fix the relay box outside the VELONE and outside the airflow (the cable supplied measures 2 m).

Description	Code
Pressure switch 40-300 Pa connected/ fitted to air duct	OPT21279
1-speed - 7.5 kW switch + contacts	OPT21281
"All-in-One" 1-speed smoke exhaust 4.7A	OPT21273

ACCESSORIES **R8**

- Description on the following pages.

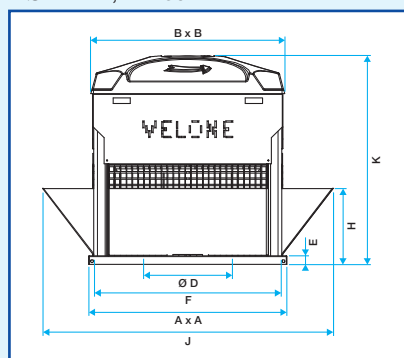
Description	Code
IPx4 rain hood kit - 1.2/ 1.5/ 3.2	11021285
Vertical kit 1.2/ 1.5/ 3.2	11021366
Grouting frame 1.2 / 1.5 / 3.2	11021290
Pivot pin 1.2/ 1.5/ 3.2	11021069
Backdraft damper 1.2 / 1.5 / 3.2	11021260
Frame on duct 1.2 / 1.5 / 3.2	11021295
Flat Roof stack 1.2 / 1.5 / 3.2	11021080
Roof stack 1.2 / 1.5 / 3.2	11021085

ELECTRICAL ACCESSORIES **R7**

- 1-phase voltage regulator: please, see page 171.
- 3-phase autotransformer: please, see page 173.
- Frequency controller: please, see page 174.

DIMENSIONS (mm) - WEIGHT (kg)

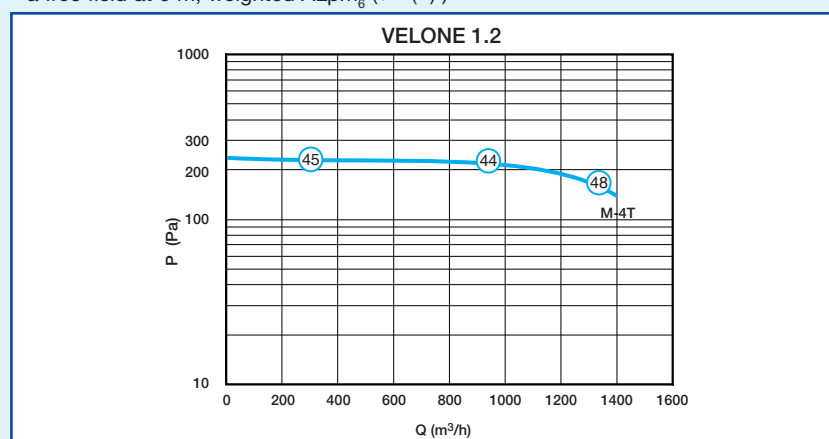
- Ø F = 14, E = 30.



Type	Horizontal air exhaust						With vertical kit		
Velone	A	B	Ø D	F	K	Weight	J	H	Weight
1.2	533	519	185	493	580	36	707	190	41

AIRFLOW AND ACOUSTIC DETAILS

- Curves follow those of the French Standard NF EN ISO 5801, ducted suction (Ø 250 mm).
- The pressures shown on the graphs are static pressures.
- The encircled values correspond to an overall acoustic pressure level radiated through a free field at 6 m, weighted ALp_m (dB (A)).



ELECTRICAL DETAILS

Type	No of poles	U (V)	P (kW)	f (Hz)	Rated I (A)	Id/ In
1.2 M	4	230	0.25	50	2.2	6.2
1.2 T	4	230/400	0.37	50/60	1.03	4.4

- Rated current (I_n) is given for a voltage of 400 V for 3-phase roof fans.
- For operations under 60 Hz, please consult us.

Roof Fans

VELONE F400 - 1.5 - 3-phase/ 1-phase



Compliance

- Conforms with the CE marking in accordance with Standard EN 12101-3.
- F400 (2h) classification.
- "All-in-One" option, backdraft damper and rain hood kit accessories in compliance.

**CIVIL
DEFENCE
APPROVED**

Advantages

- Accessories are protected from impacts + bad weather due to the metal body.
- Electrical accessories wired up at the factory and fixed to the interior for protection against impacts and bad weather.
- Pressure switch air duct connection is carried out at the factory.
- IP x4 validated rain hood kit.
- Pivot pin: easy to clean.

DESCRIPTION

- Airflow between 100 and 1500 m³/h under 200 Pa.

RANGE with a choice of options ^{R8}

Description	Code
VELONE 1-speed	
VELONE 1.5M 0.24KW	11021391
VELONE 1.5 - 4T 0.37KW	11021341
VELONE 1.5 - 6T 0.18KW	11021342
VELONE 2-speed	
VELONE 1.5 - 4/8T 0.6/0.15KW	11021371
New: VELONE stock 1-speed	
VELONE 1.5M 0.24KW+IP (stock)	11021395
VELONE 1.5-6T 0.18KW+IP (stock)	11021256

AVAILABLE OPTIONS ^{R8}

- Pressure switch connected to the air duct, fixed and protected. If 2 smoke exhaust speeds used provide for 2 pressure switches.
- Proximity switch wired up, fixed and protected.
- "All-in-One" solution (unavailable in 1-phase):
 - relay box delivered pre-wired,
 - pressure switch and proximity switch supplied and wired up,
 - for the 2-speed model, the AXONE relay box is supplied with a 2 m long cable for fixing outside the roof fan. Possibility of using the flat roof support.
- In case of use of the vertical exhaust kit, fix the relay box outside the VELONE and outside the airflow (the cable supplied measures 2 m).

Description	Code
Pressure switch 40-300 Pa connected/ fitted to air duct	OPT21279
1-speed - 7.5 kW switch + contacts	OPT21281
2-speed - 7.5 kW switch + contacts	OPT21282
"All-in-One" 1-speed smoke exhaust 4.7A	OPT21273
"All-in-One" 2-speed Dahlander smoke exhaust	OPT21275
"All-in-One" 2-speed Dahlander smoke exhaust + comfort	OPT21276

ACCESSORIES ^{R8}

- Description on the accessories: see pages 159-162.

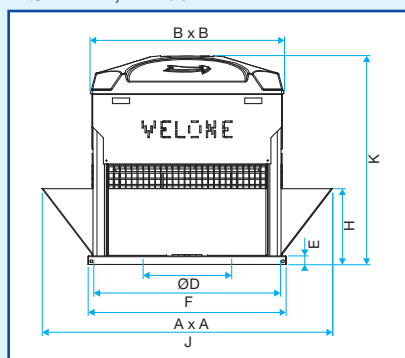
Description	Code
IPx4 rain hood kit - 1.2/ 1.5/ 3.2	11021285
Vertical kit 1.2/ 1.5/ 3.2	11021366
Grouting frame 1.2 / 1.5 / 3.2	11021290
Pivot pin 1.2/ 1.5/ 3.2	11021069
Backdraft damper 1.2 / 1.5 / 3.2	11021260
Frame on duct 1.2 / 1.5 / 3.2	11021295
Flat roof stack 1.2 / 1.5 / 3.2	11021080
Roof stack 1.2 / 1.5 / 3.2	11021085

ELECTRICAL ACCESSORIES ^{R7}

- 1-phase voltage regulator: please, see page 171.
- 3-phase autotransformer: please, see page 173.
- Frequency controller: please, see page 174.
- Comfort 2-speed relay box: please, consult us.

DIMENSIONS (mm) - WEIGHT (kg)

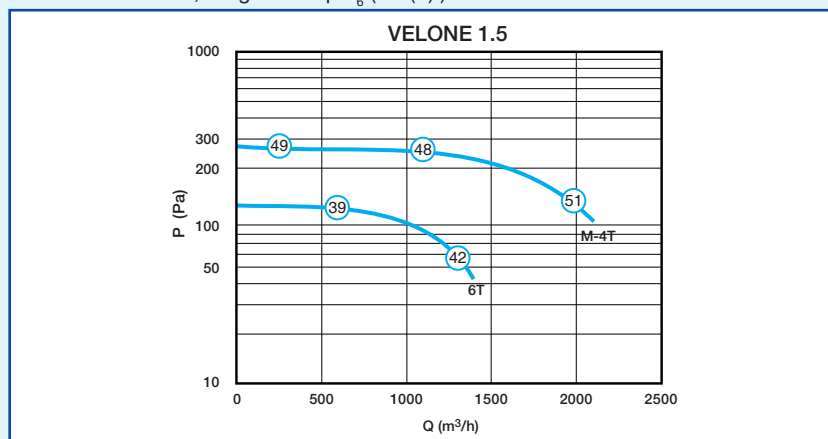
- Ø F = 14, E = 30.



Type	Horizontal air exhaust					With vertical kit		
Velone	A	B	Ø D	F	K	Weight	J	H
1.5	533	519	209	493	607	38	707	190

AIRFLOW AND ACOUSTIC DETAILS

- Curves follow those of the French Standard NF EN ISO 5801, ducted suction (Ø 250 mm).
- Pressures indicated are static pressures.
- The encircled values correspond to an overall acoustic pressure level radiated through a free field at 6 m, weighted ALp_m (dB (A)).



ELECTRICAL DETAILS

Type	Number of poles	U (V)	P (kW)	f (Hz)	Rated I (A)	Id/ In
1.5 M	4	230	0.25	50	2.20	6.2
1.5 4T	4	230/400	0.37	50/60	1.03	4.4
1.5 6T	6	230/400	0.18	50/60	0.77	5.3
1.5 - 4/8T	4/8	400	0.60/0.15	50	1.87/0.90	5.2/2.8

- Rated current (In) is given for a voltage of 400 V for 3-phase roof fans.
- 4/8 pole = Dahlander motor.
- For operations under 60 Hz, please consult us.

Roof Fans

VELONE F400 - 3.2 - 3-phase/ 1-phase



With the "All-in-One" option

Compliance

- Conforms with the CE marking in accordance with Standard EN 12101-3.
- F400 (2h) classification.
- "All-in-One" option, backdraft damper and rain hood kit accessories in compliance.

**CIVIL
DEFENCE
APPROVED**

Advantages

- Accessories are protected from impacts + bad weather due to the metal body.
- Electrical accessories wired up at the factory and fixed to the interior for protection against impacts and bad weather.
- Pressure switch air duct connection is carried out at the factory.
- IP x4 validated rain hood kit.
- Pivot pin: easy to clean.

DESCRIPTION

- Airflow between 100 and 3200 m³/h under 200 Pa.

RANGE with a choice of options **R8**

Description	Code
VELONE 1-speed	
VELONE 3.2M 0.37KW	11021392
VELONE 3.2 - 4T 0.55KW	11021344
VELONE 3.2 - 6T 0.18KW	11021345
VELONE 2-speed	
VELONE 3.2 - 4/8T 0.6/0.15KW	11021373
New: VELONE stock 1-speed	
VELONE 3.2M 0.37KW + IP (stock)	11021396
VELONE 3.2 - 4T 0.55KW + IP (stock)	11021386
VELONE 3.2 - 6T 0.18KW + IP (stock)	11021257

AVAILABLE OPTIONS **R8**

- Pressure switch connected to the air duct, fixed and protected. If 2 smoke exhaust speeds used provide for 2 pressure switches.
- Proximity switch wired up, fixed and protected.
- "All-in-One" solution:
 - relay box delivered pre-wired,
 - pressure switch and proximity switch supplied and wired up,
 - for the 2-speed model, the AXONE relay box is supplied with a 2 m long cable for fixing outside the roof fan. Possibility of using the flat roof support.
- In case of use of the vertical exhaust kit, fix the relay box outside the VELONE and outside the airflow (the cable supplied measures 2 m).

Description	Code
Pressure switch 40-300 Pa connected/fitted to air duct	OPT21279
1-speed - 7.5 kW switch + contacts	OPT21281
2-speed - 7.5 kW switch + contacts	OPT21282
"All-in-One" 1-speed smoke exhaust 4.7A	OPT21273
"All-in-One" 2-speed Dahlander smoke exhaust	OPT21275
"All-in-One" 2-speed Dahlander smoke exhaust + comfort	OPT21276

ACCESSORIES **R8**

- Description on the following pages.

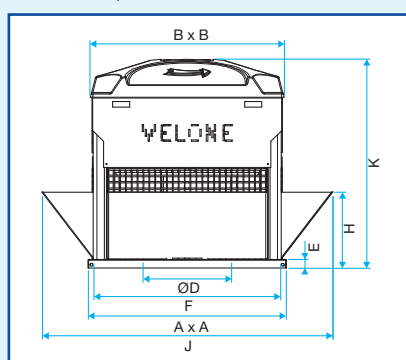
Description	Code
IPx4 rain hood kit - 1.2/ 1.5/ 3.2	11021285
Vertical kit 1.2/ 1.5/ 3.2	11021366
Grouting frame 1.2 / 1.5 / 3.2	11021290
Pivot pin 1.2/ 1.5/ 3.2	11021069
Backdraft damper 1.2 / 1.5 / 3.2	11021260
Frame on duct 1.2 / 1.5 / 3.2	11021295
Flat roof stack 1.2 / 1.5 / 3.2	11021080
Roof stack 1.2 / 1.5 / 3.2	11021085

ELECTRICAL ACCESSORIES **R7**

- 1-phase voltage regulator: please, see page 171.
- 3-phase autotransformer: please, see page 173.
- Frequency controller: please, see page 174.
- Comfort 2-speed relay box: please, consult us.

DIMENSIONS (mm) - WEIGHT (kg)

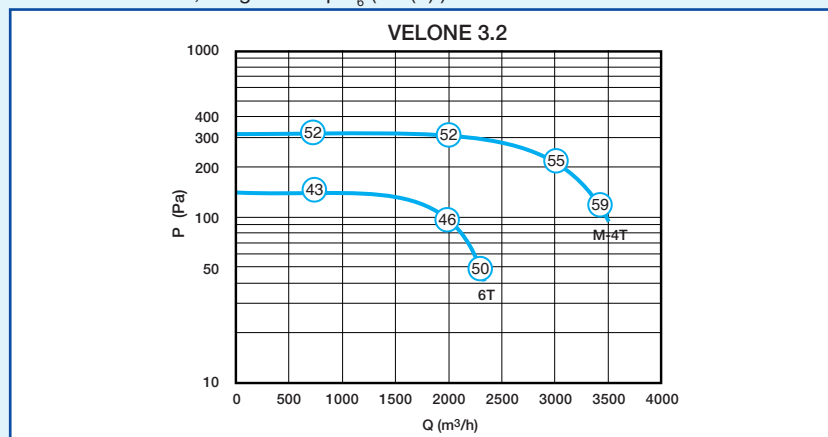
- Ø F = 14, E = 30.



Type	Horizontal air exhaust						With vertical kit		
Velone	A	B	Ø D	F	K	Weight	J	H	Weight
3.2	533	519	235	493	629	39	707	190	44

AIRFLOW AND ACOUSTIC DETAILS

- Pressures indicated are static pressures.
- The encircled values correspond to an overall acoustic pressure level radiated through a free field at 6 m, weighted AL_{pm} (dB (A)).



ELECTRICAL DETAILS

Type	No of poles	U (V)	P (kW)	f (Hz)	Rated I (A)	Id/ In
3.2 M	4	230	0.37	50	3.00	6.0
3.2 - 4T	4	230/400	0.55	50/60	1.42	6.2
3.2 - 6T	6	230/400	0.18	50/60	0.77	5.3
3.2-4/8	4/8	400	0.6/0.15	50	1.87/0.90	5.2/2.8

- Rated current (In) is given for a voltage of 400 V for 3-phase roof fans.
- 4/8 pole = Dahlander motor.
- For operations under 60 Hz, please consult us.

Roof Fans

VELONE F400 - 4.5 - 3-phase/ 1-phase



Compliance

- Conforms with the CE marking in accordance with Standard EN 12101-3.
- F400 (2h) classification.
- "All-in-One" option, backdraft damper and rain hood kit accessories in compliance.

**CIVIL
DEFENCE
APPROVED**

Advantages

- Accessories are protected from impacts + bad weather due to the metal body.
- Electrical accessories wired up at the factory and fixed to the interior for protection against impacts and bad weather.
- Pressure switch air duct connection is carried out at the factory.
- IP x4 validated rain hood kit.
- Pivot pin: easy to clean.

DESCRIPTION

- Airflow between 300 and 4500 m³/h under 200 Pa.

RANGE with a choice of options **R8**

Description	Code
VELONE 1-speed	
VELONE 4.5M 0.75 kW	11021393
VELONE 4.5 - 4T 0.37 kW	11021347
VELONE 4.5 - 6T 0.37kW	11021348
VELONE 2-speed	
VELONE 4.5 - 4/6T 0.75 /0.25 kW	11021374
VELONE 4.5 - 4/8T 0.8/0.15 kW	11021375
NEW: VELONE STOCK 1-speed	
VELONE 4.5 - 4T 0.75kW + IP (stock)	11021397
VELONE 4.5 - 4T 0.75kW + IP (stock)	11021387
VELONE 4.5 - 6T 0.37kW + IP (stock)	11021258

AVAILABLE OPTIONS **R8**

- For description, please see previous page.

Description	Code
Pressure switch 40-300 Pa connected/ fitted to air duct	OPT21279
Pressure switch 100 - 1000 Pa connected/ fitted to air duct	OPT21280
1-speed - 7.5 kW switch + contacts	OPT21281
2-speed - 7.5 kW switch + contacts	OPT21282
"All-in-One" 1-speed smoke exhaust 4.7A	OPT21273
"All-in-One" 2-speed Dahlander smoke exhaust	OPT21275
"All-in-One" 2-speed Dahlander smoke exhaust + comfort	OPT21276
"All-in-One" 2-speed Bl. smoke exhaust	OPT21277
"All-in-One" 2-speed Bl. smoke exhaust + comfort	OPT21278

ACCESSORIES **R8**

- Description on the following pages.

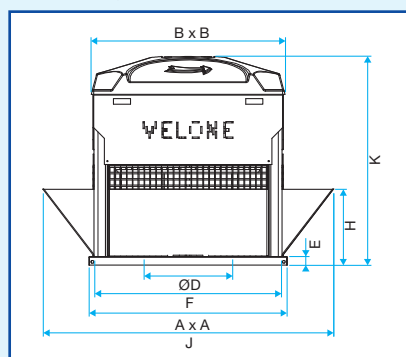
Description	Code
IP x4 rain hood kit - 4.5/ 7.2/ 10.5	11021286
Vertical kit 4.5/ 7.2/ 10.5	11021367
Grouting frame 4.5 / 7.2 / 10.5	11021291
Pivot pin 4.5/ 7.2/ 10.5	11021070
Backdraft damper 4.5 / 7.2 / 10.5	11021261
Frame on duct 4.5 / 7.2 / 10.5	11021296
Flat roof stack 4.5 / 7.2 / 10.5	11021081
Roof stack 4.5 / 7.2 / 10.5	11021086

ELECTRICAL ACCESSORIES **R7**

- 1-phase voltage regulator: please, see page 171.
- 3-Phase autotransformer: please, see page 173.
- Frequency controller: please, see page 174.
- Comfort 2-speed relay box: please, consult us.

DIMENSIONS (mm) - WEIGHT (kg)

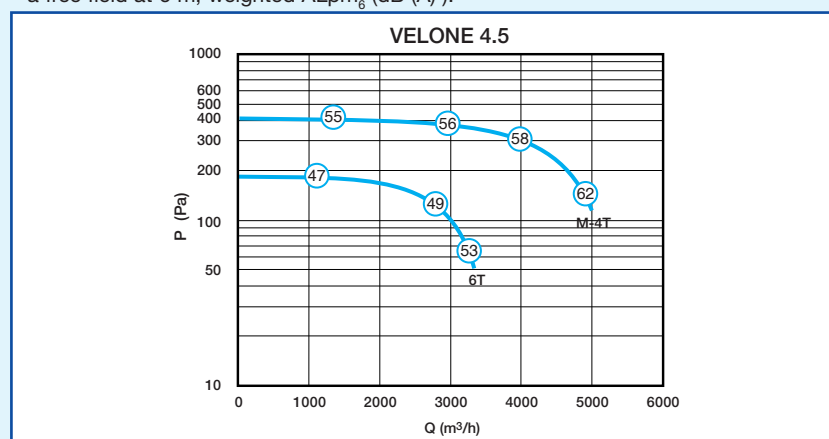
- Ø F = 14, E = 30.



Type	Horizontal air exhaust						With vertical kit		
Velone	A	B	Ø D	F	K	Weight	J	H	Weight
4.5	698	684	265	658	658	50	991	265	60

AIRFLOW AND ACOUSTIC DETAILS

- Curves follow those of the French Standard NF EN ISO 5801, ducted suction (Ø 355 mm).
- Pressures indicated are static pressures.
- The encircled values correspond to an overall acoustic pressure level radiated through a free field at 6 m, weighted AL_{pm} (dB (A)).



ELECTRICAL DETAILS

Type	No of poles	U (V)	P (kW)	f (Hz)	Rated I (A)	Id/ In
4.5 M	4	230	0.75	50	5.50	5.5
4.5 - 4T	4	230/400	0.75	50/60	1.67	6.5
4.5 - 6T	6	230/400	0.37	50/60	1.11	5.2
4.5 - 4/6T	4/6	400	0.75/0.25	50	1.98/1.20	4.7/3.9
4.5 - 4/8T	4/8	400	0.80/0.20	50	1.99/0.88	4.7/2.7

- Rated current (In) is given for a voltage of 400 V for 3-phase roof fans.
- 4/6 pole = Dahlander motor - 4/6 pole = Independent Winding motor (BI).
- For operations under 60 Hz, please consult us.

Roof Fans

VELONE F400 - 7.2 - 3-phase/ 1-phase



With the "All-in-One" option

Compliance

- Conforms with the CE marking in accordance with Standard EN 12101-3.
- F400 (2h) classification.
- "All-in-One" option, backdraft damper and rain hood kit accessories in compliance.

**CIVIL
DEFENCE
APPROVED**

Advantages

- Accessories are protected from impacts + bad weather due to the metal body.
- Electrical accessories wired up at the factory and fixed to the interior for protection against impacts and bad weather.
- Pressure switch air duct connection is carried out at the factory.
- IP x4 validated rain hood kit.
- Pivot pin: easy to clean.

DESCRIPTION

- Airflow between 500 and 7200 m³/h under 200 Pa.

RANGE with a choice of options ^{R8}

Description	Code
VELONE 1-speed	
VELONE 7.2M 1.1KW	11021394
VELONE 7.2 - 4T 1.1KW	11021350
VELONE 7.2 - 6T 0.37KW	11021351
VELONE 2-speeds	
VELONE 7.2 - 4/6T 1.1/0.3KW	11021376
VELONE 7.2 - 4/8T 1.2/0.3 kW	11021377
NEW: VELONE STOCK 1-speed	
VELONE 7.2M 1.1KW + IP (stock)	11021398
VELONE 7.2 - 4T 1.1KW + IP (stock)	11021388

AVAILABLE OPTIONS ^{R8}

- For description, please see previous pages.

Description	Code
Pressure switch 40 - 300 Pa connected/fitted to air duct	OPT21279
Pressure switch 100 - 1000 Pa connected/fitted to air duct	OPT21280
1-speed - 7.5 kW switch + contacts	OPT21281
2-speed - 7.5 kW switch + contacts	OPT21282
"All-in-One" 1-speed smoke exhaust 4.7A	OPT21273
"All-in-One" 2-speed Dahlander smoke exhaust	OPT21275
"All-in-One" 2-speed Dahlander smoke exhaust + comfort	OPT21276
"All-in-One" 2-speed Bl. smoke exhaust	OPT21277
"All-in-One" 2-speed Bl. smoke exhaust + comfort	OPT21278

ACCESSORIES ^{R8}

- Description on the following pages.

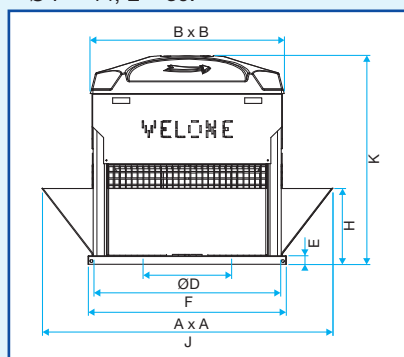
Description	Code
IP x4 rain hood kit - 4.5/ 7.2/ 10.5	11021286
Vertical kit 4.5/ 7.2/ 10.5	11021367
Grouting frame 4.5 / 7.2 / 10.5	11021291
Pivot pin 4.5/ 7.2/ 10.5	11021070
Backdraft damper 4.5 / 7.2 / 10.5	11021261
Frame on duct 4.5 / 7.2 / 10.5	11021296
Flat roof stack 4.5 / 7.2 / 10.5	11021081
Roof stack 4.5 / 7.2 / 10.5	11021086

ELECTRICAL ACCESSORIES ^{R7}

- 1-phase voltage regulator: please, see page 171.
- 3-phase autotransformer: please, see page 172.
- Frequency controller: please, see page 174.
- Comfort 2-speed relay box: please, consult us

DIMENSIONS (mm) - WEIGHT (kg)

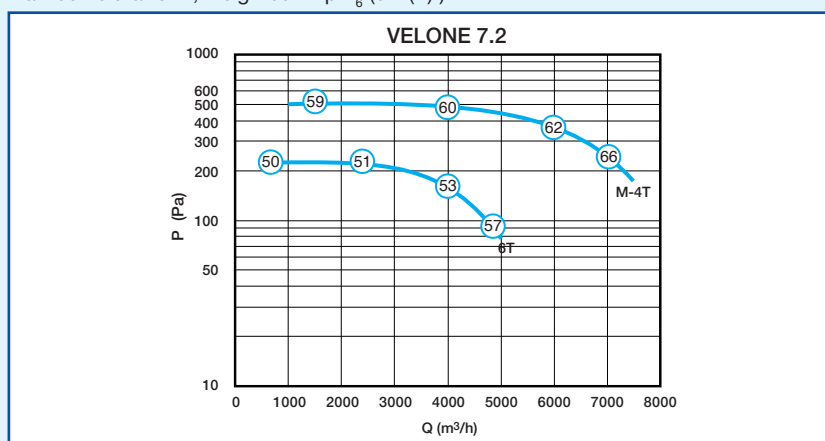
- Ø F = 14, E = 30.



Type	Horizontal air exhaust						With vertical kit		
Velone	A	B	Ø D	F	K	Weight	J	H	Weight
7.2	698	684	299	658	688	60	991	265	70

AIRFLOW AND ACOUSTIC DETAILS

- Curves follow those of the French Standard NF EN ISO 5801, ducted suction (Ø 400 mm).
- Pressures indicated are static pressures.
- The encircled values correspond to an overall acoustic pressure level radiated through a free field at 6 m, weighted AL_{pm} (dB (A)).



ELECTRICAL DETAILS

Type	No of poles	U (V)	P (kW)	f (Hz)	Rated I (A)	Id/ In
7.2 M	4	230	1.10	50	7.60	7.0
7.2 - 4 T	4	230/400	1.10	50/60	2.51	6.7
7.2 - 6 T	6	230/400	0.37	50/60	1.11	5.2
7.2 - 4/6T	4/6	400	1.10/0.30	50	3.02/1.43	5.4/4.0
7.2 - 4/8T	4/8	400	1.20/0.30	50	2.92/1.29	5.5/3.1

- The rated currents are given for a voltage of 400 V for 3-phase roof fans.
- 4/8 and 6/12 pole = Dahlander motor - 4/6 pole = Independent Winding motor (BI).
- For operations under 60 Hz, please consult us.

Roof Fans

VELONE F400 - 8.5 - 3-phase



Compliance

- Conforms with the CE marking in accordance with Standard EN 12101-3.
- F400 (2h) classification.
- "All-in-One" option, backdraft damper and rain hood kit accessories in compliance.

**CIVIL
DEFENCE
APPROVED**

Advantages

- Accessories are protected from impacts + bad weather due to the metal body.
- Electrical accessories wired up at the factory and fixed to the interior for protection against impacts and bad weather.
- Pressure switch air duct connection is carried out at the factory.
- IP x4 validated rain hood kit.
- Pivot pin: easy to clean.

DESCRIPTION

- Airflow between 500 and 8500 m³/h under 200 Pa.

RANGE with a choice of options ^{R8}

Description	Code
VELONE 1-speed	
VELONE 8.5 - 6T 1.1KW	11021357
VELONE 8.5 - 8T 0.55KW	11021358
VELONE 2-speed	
VELONE 8.5 - 6/8T 1.1/0.55KW	11021380
VELONE 8.5 - 6/12T 1.1/0.22KW	11021381

AVAILABLE OPTIONS ^{R8}

- Pressure switch connected to the air duct, fixed and protected. If 2 smoke exhaust speeds used provide for 2 pressure switches.
- Proximity switch wired up, fixed and protected.
- "All-in-One" solution:
 - relay box delivered pre-wired,
 - pressure switch and proximity switch supplied and wired up,
 - for the 2-speed model, the AXONE relay box is supplied with a 2 m long cable for fixing outside the roof fan. Possibility of using the flat roof support.
- In case of use of the vertical exhaust kit, fix the relay box outside the VELONE and outside the airflow (the cable supplied measures 2 m).

Description	Code
Pressure switch 40 - 300 Pa connected/ fitted to air duct	OPT21279
Pressure switch 100 - 1000 Pa connected/ fitted to air duct	OPT21280
1-speed - 7.5 kW switch + contacts	OPT21281
2-speed - 7.5 kW switch + contacts	OPT21282
"All-in-One" 1-speed smoke exhaust 4.7A	OPT21273
"All-in-One" 2-speed Dahlander smoke exhaust	OPT21275
"All-in-One" 2-speed Dahlander smoke exhaust + comfort	OPT21276
"All-in-One" 2-speed Bl. smoke exhaust	OPT21277
"All-in-One" 2-speed Bl. smoke exhaust + comfort	OPT21278

ACCESSORIES ^{R8}

- Description on the following pages.

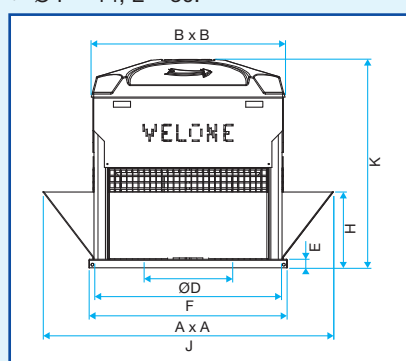
Description	Code
IP x4 rain hood kit - 8.5/ 13	11021287
Vertical kit 8.5/13	11021368
Frame to be embedded 8.5/13	11021292
Pivot pin 4.5/ 7.2/ 10.5	11021070
Backdraft damper 8.5/13	11021262
Frame on duct 8.5/13	11021297
Miniduct plug	11021082
Roof stack 8.5/13	11021087

ELECTRICAL ACCESSORIES ^{R7}

- 3-phase autotransformer: please, see page 173.
- Frequency controller: please, see page 174.
- Comfort 2-speed relay box: please, consult us.

DIMENSIONS (mm) - WEIGHT (kg)

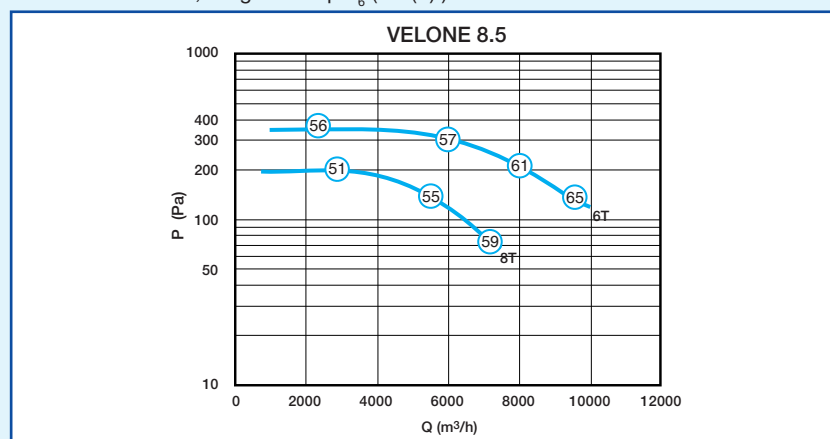
- Ø F = 14, E = 30.



Type	Horizontal air exhaust						With vertical kit		
Velone	A	B	Ø D	F	K	Weight	J	H	Weight
8.5	834	820	373	794	793	100	1270	355	116

AIRFLOW AND ACOUSTIC DETAILS

- Curves follow those of the French Standard NF EN ISO 5801, ducted suction (Ø 500 mm).
- Pressures indicated are static pressures.
- The encircled values correspond to an overall acoustic pressure level radiated through a free field at 6 m, weighted ALp_m (dB (A)).



ELECTRICAL DETAILS

Type	No of poles	U (V)	P (kW)	f (Hz)	Rated I (A)	Id/ In
8.5 - 6 T	6	230/400	1.10	50/60	2.90	5.3
8.5 - 8 T	8	230/400	0.55	50/60	2.17	5.1
8.5-6/8	6/8	400	1.10/0.55	50	3.59/2.52	5.1/4.0
8.5-6/12	6/12	400	1.10/0.22	50	4.39/1.50	5.5/2.6

- Rated current (I_n) is given for a voltage of 400 V for 3-phase roof fans.
- 4/8 pole = Dahlander motor - 4/6 pole = Independent Winding motor (BI).
- For operations under 60 Hz, please consult us.

Roof Fans

VELONE F400 - 10.5 - 3-phase



With the "All-in-One" option - cover removed

Compliance

- Conforms with the CE marking in accordance with Standard EN 12101-3.
- F400 (2h) classification.
- "All-in-One" option, backdraft damper and rain hood kit accessories in compliance.

**CIVIL
DEFENCE
[APPROVED]**

Advantages

- Accessories are protected from impacts + bad weather due to the metal body.
- Electrical accessories wired up at the factory and fixed to the interior for protection against impacts and bad weather.
- Pressure switch air duct connection is carried out at the factory.
- IP x4 validated rain hood kit.
- Pivot pin: easy to clean.

DESCRIPTION

- Airflow between 500 and 10500 m³/h under 200 Pa.

RANGE with a choice of options ^{R8}

Description	Code
VELONE 1-speed	
VELONE 10.5 - 4T 1.5KW	11021353
VELONE 10.5 - 6T 0.55KW	11021354
VELONE 10.5 - 8T 0.37KW	11021355
VELONE 2-speed	
VELONE 10.5 - 4/6T 1.5/0.37KW	11021378
VELONE 10.5 - 4/8T 1.6/0.4KW	11021379
New: VELONE stock 1-speed	
VELONE 10.5 - 4T 1.5KW + IP (stock)	11021389
VELONE 10.5 - 8T 0.37KW + IP (stock)	11021259

AVAILABLE OPTIONS ^{R8}

- Description on the following page.

Description	Code
Pressure switch 40 - 300 Pa connected/ fitted to air duct	OPT21279
Pressure switch 100 - 1000 Pa connected/ fitted to air duct	OPT21280
1-speed - 7.5 kW switch + contacts	OPT21281
2-speed - 7.5 kW switch + contacts	OPT21282
"All-in-One" 1-speed smoke exhaust 4.7A	OPT21273
"All-in-One" 2-speed Dahlander smoke exhaust	OPT21275
"All-in-One" 2-speed Dahlander smoke exhaust + comfort	OPT21276
"All-in-One" 2-speed Bl. smoke exhaust	OPT21277
"All-in-One" 2-speed Bl. smoke exhaust + comfort	OPT21278

ACCESSORIES ^{R8}

- Description on the following pages

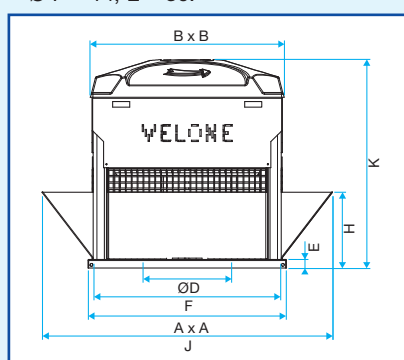
Description	Code
IP x4 rain hood kit - 4.5/ 7.2/ 10.5	11021286
Vertical kit 4.5/ 7.2/ 10.5	11021367
Grouting frame 4.5 / 7.2 / 10.5	11021291
Pivot pin 1.2/ 1.5/ 3.2	11021069
Backdraft damper 4.5 / 7.2 / 10.5	11021261
Frame on duct 4.5 / 7.2 / 10.5	11021296
Flat roof stack 4.5 / 7.2 / 10.5	11021081
Roof stack 4.5 / 7.2 / 10.5	11021086

ELECTRICAL ACCESSORIES ^{R7}

- 3-phase autotransformer: please, see page 173.
- Frequency controller: please, see page 174.
- Comfort 2-speed relay box: please, consult us.

DIMENSIONS (mm) - WEIGHT (kg)

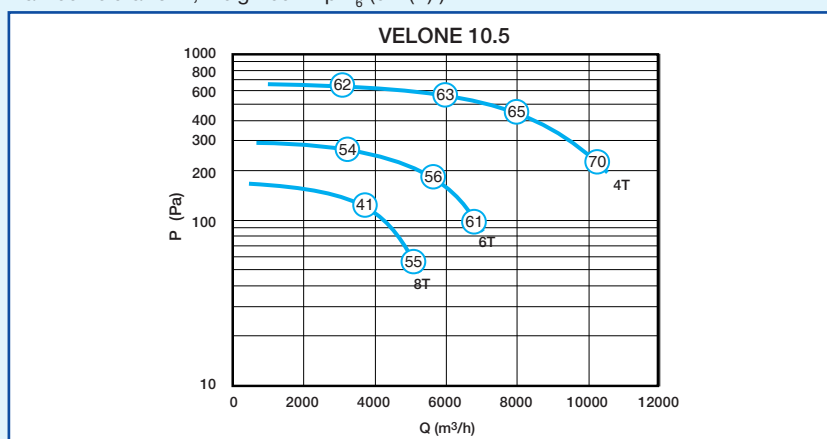
- Ø F = 14, E = 30.



Type	Horizontal air exhaust						With vertical kit		
Velone	A	B	Ø D	F	K	Weight	J	H	Weight
10.5	698	684	332	658	721	72	991	265	82

AIRFLOW AND ACOUSTIC DETAILS

- Curves follow those of the French Standard NF EN ISO 5801, ducted suction (Ø 450 mm).
- Pressures indicated are static pressures.
- The encircled values correspond to an overall acoustic pressure level radiated through a free field at 6 m, weighted AL_{pm} (dB (A)).



ELECTRICAL DETAILS

Type	No of poles	U (V)	P (kW)	f (Hz)	Rated I (A)	Id/ In
10.5 - 4 T	4	230/400	1.50	50/60	3.18	6.6
10.5 - 6 T	6	230/400	0.55	50/60	1.61	5.3
10.5 - 8 T	8	230/400	0.26	50/60	1.49	4.5
10.5 - 4/6T	4/6	400	1.50/0.37	50	3.71/1.73	5.6/3.8
10.5 - 4/8T	4/8	400	1.60/0.4	50	4.05/1.78	5.7/4.1

- Rated current (In) is given for a voltage of 400 V for 3-phase roof fans.
- 4/8 pole = Dahlander motor - 4/6 pole = Independent Winding motor (BI).
- For operations under 60 Hz, please consult us.

Roof Fans

VELONE F400 - 13.0 - 3-phase



With the "All-in-One" option - cover removed

Compliance

- Conforms with the CE marking in accordance with Standard EN 12101-3.
- F400 (2h) classification.
- "All-in-One" option, backdraft damper and rain hood kit accessories in compliance.

**CIVIL
DEFENCE
APPROVED**

Advantages

- Accessories are protected from impacts + bad weather due to the metal body.
- Electrical accessories wired up at the factory and fixed to the interior for protection against impacts and bad weather.
- Pressure switch air duct connection is carried out at the factory.
- IP x4 validated rain hood kit.
- Pivot pin: easy to clean.

DESCRIPTION

- Airflow between 1000 and 13000 m³/h under 200 Pa.

RANGE with a choice of options R8

Description	Code
VELONE 1-speed	
VELONE 13 - 6T 2.2 kW	11021359
VELONE 13 - 8T 1.1 kW	11021360
VELONE 2-speed	
VELONE 13 - 6/8T 2.2/1.3 kW	11021382
VELONE 13 - 6/12T 2.2/0.55 kW	11021383

AVAILABLE OPTIONS R8

- Pressure switch fitted to air duct, fixed and protected. If 2 smoke exhaust speeds used provide for 2 pressure switches.
- Proximity switch wired up, fixed and protected.
- "All-in-One" solution:
 - relay box delivered pre-wired,
 - pressure switch and proximity switch supplied and wired up,
 - for the 2-speed model, the AXONE relay box is supplied with a 2 m long cable for fixing outside the roof fan. Possibility of using the flat roof support.
- In case of use of the vertical exhaust kit, fix the relay box outside the VELONE and outside the airflow (the cable supplied measures 2 m).

Description	Code
Pressure switch 40 - 300 Pa connected/ fitted to air duct	OPT21279
Pressure switch 100 - 1000 Pa connected/ fitted to air duct	OPT21280
1-speed - 7.5 kW switch + contacts	OPT21281
2-speed - 7.5 kW switch + contacts	OPT21282
"All-in-One" 1-speed smoke exhaust 4.7A	OPT21273
"All-in-One" 2-speed Dahlander smoke exhaust	OPT21275
"All-in-One" 2-speed Dahlander smoke exhaust + comfort	OPT21276
"All-in-One" 2-speed Bl. smoke exhaust	OPT21277
"All-in-One" 2-speed Bl. smoke exhaust + comfort	OPT21278

ACCESSORIES R8

- Description on the following pages.

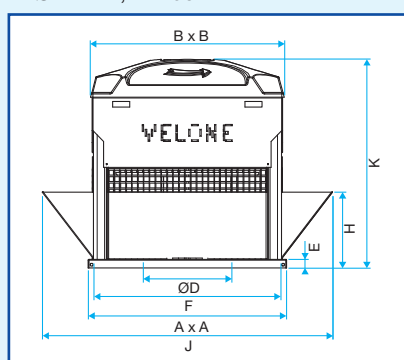
Description	Code
IP x4 rain hood kit - 8.5/ 13	11021287
Vertical kit 8.5/13	11021368
8.5/13 frame to be embedded	11021292
8.5/13 pivot pin	11021071
8.5/13 backdraft damper	11021262
8.5/13 frame on duct	11021297
Miniduct plug	11021082
8.5/13 roof stack	11021087

ELECTRICAL ACCESSORIES R7

- 3-phase autotransformer: please, see page 173.
- Frequency controller: please, see page 174.
- Comfort 2-speed relay box: please, consult us.

DIMENSIONS (mm) - WEIGHT (kg)

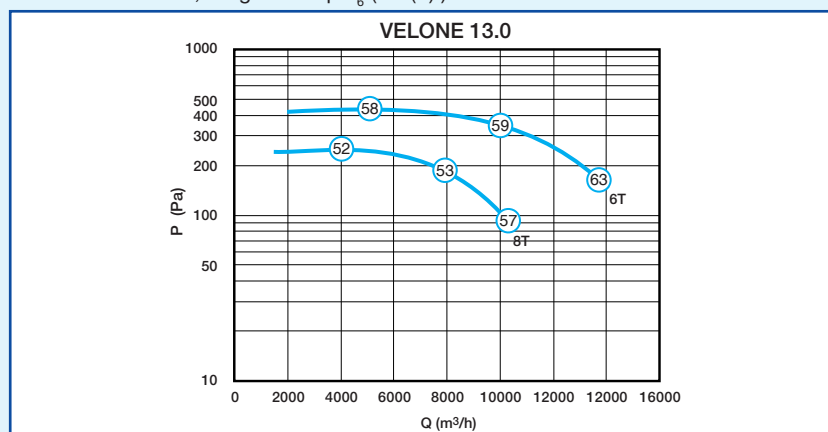
- Ø F = 14, E = 30.



Type	Horizontal air exhaust						With vertical kit		
Velone	A	B	Ø D	F	K	Weight	J	H	Weight
13.0	834	820	419	794	833	115	1270	355	131

AIRFLOW AND ACOUSTIC DETAILS

- Curves follow those of the French Standard NF EN ISO 5801, ducted suction (Ø 560 mm).
- Pressures indicated are static pressures.
- The encircled values correspond to an overall acoustic pressure level radiated through a free field at 6 m, weighted ALp₆ (dB (A)).



ELECTRICAL DETAILS

Type	No of poles	U (V)	P (kW)	f (Hz)	Rated I (A)	Id/ In
13.0 - 6T	6	230/400	2.02	50/60	5.36	7.7
13.0 - 8T	8	230/400	1.10	50/60	3.39	4.2
13.0 - 6/8T	6/8	400	2.20/1.30	50/60	5.96/4.36	5.6/3.9
13.0 - 6/12T	6/12	400	2.20/0.55	50/60	6.40/2.60	7.0/3.0

- Rated current (In) is given for a voltage of 400 V for 3-phase roof fans.
- 6/12 pole = Dahlander motor - 6/8 pole = Independent Winding motor (BI).
- For operations under 60 Hz, please consult us.

Roof Fans

VELONE F400 - 20.0 - 3-phase



Compliance

- Conforms with the CE marking in accordance with Standard EN 12101-3.
- F400 (2h) classification.
- "All-in-One" option, backdraft damper and rain hood kit accessories in compliance.

**CIVIL
DEFENCE
APPROVED**

Advantages

- Accessories are protected from impacts + bad weather due to the metal body.
- Electrical accessories wired up at the factory and fixed to the interior for protection against impacts and bad weather.
- Pressure switch air duct connection is carried out at the factory.
- IP x4 validated rain hood kit.
- Pivot pin: easy to clean.

DESCRIPTION

- Airflow between 1000 and 20000 m³/h under 200 Pa.

RANGE with a choice of options **R8**

Description	Code
VELONE 1-speed	
VELONE 20 - 6T 3 kW	11021361
VELONE 20 - 8T 1.5 kW	11021362
VELONE 2-speed	
VELONE 20 - 6/8T 4/1.1 kW	11021384
VELONE 20 - 6/12T 3/0.55 kW	11021385

AVAILABLE OPTIONS **R8**

- Pressure switch connected to the air duct, fixed and protected. If 2 smoke exhaust speeds used, provide for 2 pressure switches.
- Proximity switch wired up, fixed and protected.
- "All-in-One" solution:
 - relay box delivered pre-wired,
 - pressure switch and proximity switch supplied and wired up,
 - for the 2-speed model, the AXONE relay box is supplied with a 2m long cable for fixing outside the roof fan. Possibility of using the flat roof support.
- In case of use of the vertical exhaust kit, fix the relay box outside the VELONE and outside the airflow (the cable supplied measures 2 m).

Description	Code
Pressure switch 40 - 300 Pa connected/ fitted to air duct	OPT21279
Pressure switch 100 - 1000 Pa connected/ fitted to air duct	OPT21280
1-speed - 7.5 kW switch + contacts	OPT21281
2-speed - 7.5 kW switch + contacts	OPT21282
"All-in-One" 1-speed smoke exhaust 4.7A	OPT21273
"All-in-One" 1-speed smoke exhaust 16.7A	OPT21274
"All-in-One" 2-speed Dahlander smoke exhaust	OPT21275
"All-in-One" 2-speed Dahlander smoke exhaust + comfort	OPT21276
"All-in-One" 2-speed BI. smoke exhaust	OPT21277
"All-in-One" 2-speed BI. smoke exhaust +comfort	OPT21278

ACCESSORIES **R8**

- Description on the following pages.

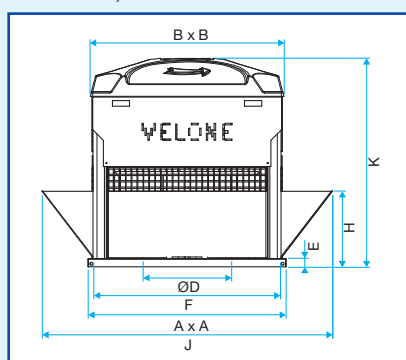
Description	Code
IP x4 rain hood kit - 20/27	11021288
Vertical kit 20/27	11021369
Frame to be embedded 20/27	11021293
Pivot pin 20/27	11021072
Backdraft damper 20/27	11021263
Frame on duct 20/27	11021298
Flat roof stack 20/27	11021083
Roof stack 20/27	11021088

ELECTRICAL ACCESSORIES **R7**

- 3-phase autotransformer: please, see page 173.
- Frequency controller: please, see page 174.
- Comfort 2-speed relay box: please, consult us.

DIMENSIONS (mm) - WEIGHT (kg)

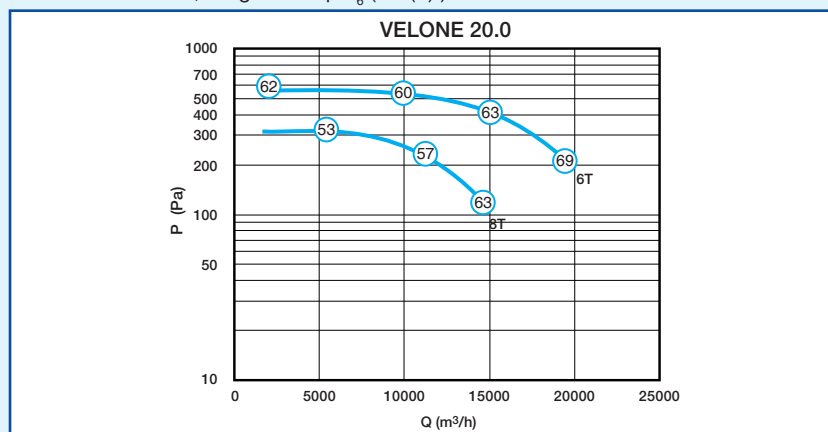
- Ø F = 14, E = 30.



Type	Horizontal air exhaust						With vertical kit		
Velone	A	B	Ø D	F	K	Weight	J	H	Weight
20.0	984	970	474	944	983	165	1555	440	189

AIRFLOW AND ACOUSTIC DETAILS

- Curves follow those of the French Standard NF EN ISO 5801, ducted suction (Ø 630 mm).
- Pressures indicated are static pressures.
- The encircled values correspond to an overall acoustic pressure level radiated through a free field at 6 m, weighted AL_{pm} (dB (A)).



ELECTRICAL DETAILS

Type	No of poles	U (V)	P (kW)	f (Hz)	Rated I (A)	Id/ In
20.0 - 6T	6	230/400	3.00	50/60	6.82	5.3
20.0 - 8T	8	230/400	1.50	50/60	4.08	5.5
20.0 - 6/8T	6/8	400	4.00/1.1	50/60	11.3/4.84	6.6/4.6
20.0 - 6/12T	6/12	400	3.00/0.55	50/60	6.77/2.3	8.5/4.3

- Rated current (In) is given for a voltage of 400 V for 3-phase roof fans.
- 6/12 pole = Dahlander motor - 6/8 pole = Independent Winding motor (BI).
- For operations under 60 Hz, please consult us.

Roof Fans

VELONE F400 - 27.0 - 3-phase



Compliance

- Conforms with the CE marking in accordance with Standard EN 12101-3.
- F400 (2h) classification.
- "All-in-One" option, backdraft damper and rain hood kit accessories in compliance.

**CIVIL
DEFENCE
APPROVED**

Advantages

- Accessories are protected from impacts + bad weather due to the metal body.
- Electrical accessories wired up at the factory and fixed to the interior for protection against impacts and bad weather.
- Pressure switch air duct connection is carried out at the factory.
- IP x4 validated rain hood kit.
- Pivot pin: easy to clean.

DESCRIPTION

- Airflow between 1000 and 27000 m³/h under 200 Pa.

RANGE with a choice of options R8

Description	Code
VELONE 1-speed	
VELONE 27 - 6T 5.5KW	11021363
VELONE 27 - 8T 3KW	11021364

AVAILABLE OPTIONS R8

- Pressure switch connected to the air duct, fixed and protected.
- Proximity switch wired up, fixed and protected.
- "All-in-One" solution:
 - relay box delivered pre-wired,
 - pressure switch and proximity switch supplied and wired up.
- In case of use of the vertical exhaust kit, fix the relay box outside the VELONE and outside the airflow (the cable supplied measures 2 m).

Description	Code
Pressure switch 40 - 300 Pa connected/ fitted to air duct	OPT21279
Pressure switch 100 - 1000 Pa connected/ fitted to air duct	OPT21280
1-speed - 7.5 kW switch + contacts	OPT21281
"All-in-One" 1-speed smoke exhaust 4.7A	OPT21273
"All-in-One" 1-speed smoke exhaust 16.7A	OPT21274

ACCESSORIES R8

- Description on the following pages.

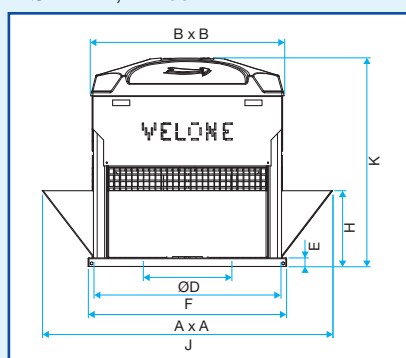
Description	Code
IP x4 rain hood kit - 20/ 27	11021288
Vertical kit 20/27	11021369
Frame to be embedded 20/27	11021293
Pivot pin 20/27	11021072
Backdraft damper 20/27	11021263
Frame on duct 20/27	11021298
Flat roof stack 20/27	11021083
Roof stack 20/27	11021088

ELECTRICAL ACCESSORIES R7

- 3-phase autotransformer: please, see page 173.
- Frequency controller: please, see page 174.

DIMENSIONS (mm) - WEIGHT (kg)

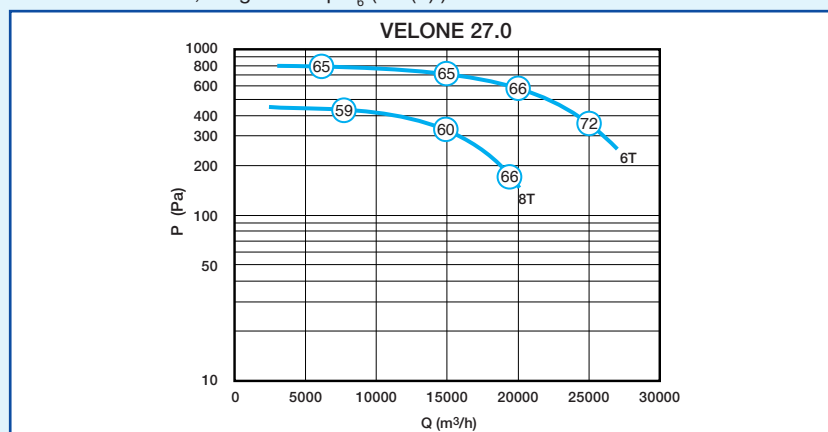
- Ø F = 14, E = 30.



Type	Horizontal air exhaust						With vertical kit		
Velone	A	B	Ø D	F	K	Weight	J	H	Weight
27.0	984	970	535	944	1034	175	1555	440	207

AIRFLOW AND ACOUSTIC DETAILS

- Curves follow those of the French Standard NF EN ISO 5801, ducted suction (Ø 630 mm).
- Pressures indicated are static pressures.
- The encircled values correspond to an overall acoustic pressure level radiated through a free field at 6 m, weighted ALpm₆ (dB (A)).



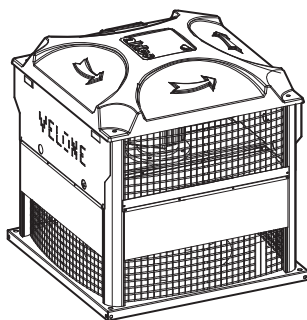
ELECTRICAL DETAILS

Type	No of poles	U (V)	P (kW)	f (Hz)	Rated I (A)	Id/ In
27.0 - 6T	6	230/400	5.5	50/60	12.40	7.0
27.0 - 8T	8	230/400	3.0	50/60	7.38	6.5

- Rated current (In) is given for a voltage of 400 V for 3-phase roof fans.

Roof Fans

VELONE IP x4 rain hood kit



**CIVIL
DEFENCE
APPROVED**

Compliance

- Conforms with the CE marking in accordance with Standard EN 12101-3.
- F400 (2h) classification.
- IP x4 classification: tested by an independent test laboratory.

Advantages

- A solution to prevent water penetration into the ducts in case of very bad weather.

APPLICATION

- The rain hood kit protects against the penetration of rain into the duct due to heavy rainfall when the roof fan is at rest. It must be remembered that a pure smoke exhaust roof fan, in the majority of cases, is at rest, the rain hood kit is more efficient than a vertical kit.

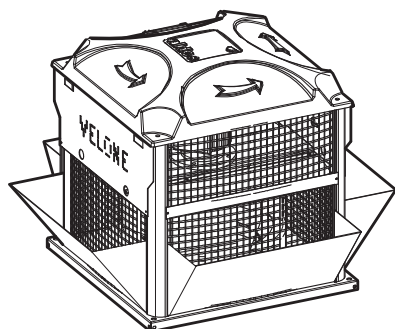
DESCRIPTION

- Tested by an independent test laboratory, the VELONE roof fan equipped with the Rain Hood Kit was awarded an IP x4 classification validated by the CETIAT test laboratory (Test Report supplied on request).
- This classification corresponds to the usual safety protection index used for electrical equipment: switch, pressure switch, relaying box. The first figure concerns dust protection ("x" here, because it does not concern a roof fan), the second figure is equivalent to water protection: the "4" guarantees its leaktightness faced with water sprayed at it from all directions with a flow rate of 600 l/h!
- 4 parts in M0 incombustible fabric reinforced on one side by a metal strip.
- In the running position, the 4 parts lift up, without creating any significant loss of head.
- To be installed on-site.

RANGE R8

Velone model	Code
IP x4 rain hood kit - 1.2 / 1.5 / 3.2	11021285
IP x4 rain hood kit - 4.5 / 7.2 / 10.5	11021286
IP x4 rain hood kit - 8.5 / 13	11021287
IP x4 rain hood kit - 20 / 27	11021288

VELONE vertical exhaust kit



Compliance

- Conforms with the CE marking in accordance with Standard EN 12101-3.
- F400 (2h) classification.

APPLICATION

- The vertical exhaust kit is a deflector which orientates the waste air discharge vertically.
- CAUTION: it is incompatible with the rain hood kit.
- ATTENTION: the use of the vertical exhaust and the "All-in-one" solution imposes moving the relay box outside of the airflow.

DESCRIPTION

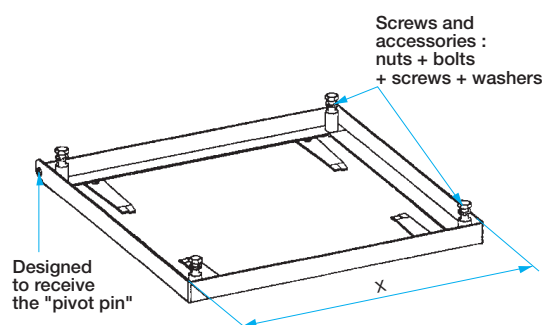
- Composed of 4 parts in galvanised steel.
- Supplied with fully adapted fixings.

RANGE R8

Velone model	Code
Vertical kit 1.2 / 1.5 / 3.2	11021366
Vertical kit 4.5 / 7.2 / 10.5	11021367
Vertical kit 8.5 / 13	11021368
Vertical kit 20 / 27	11021369

Roof Fans

VELONE grouting frame



APPLICATION

- The grouting frame allows the roof fan to be fitted on to a brick stack.

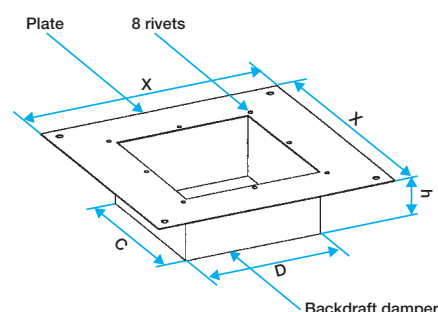
DESCRIPTION

- Includes 4 fold-back lugs to be grouted on to the flat roof stack.
- Anti-corrosion paint.
- Delivered with fixing nuts and bolts.
- Can receive the pivot pin.

RANGE R8

VELONE model	Code	X x X (mm)
Grouting frame 1.2 / 1.5 / 3.2	11021290	519
Grouting frame 4.5 / 7.2 / 10.5	11021291	684
Frame to be embedded 8.5 / 13	11021292	820
Frame to be embedded 20 / 27	11021293	970

VELONE backdraft damper



Compliance

- Conforms with the CE marking in accordance with Standard EN 12101-3.
- F400 (2h) classification.

APPLICATION

- The backdraft damper avoids natural ventilation when the roof fan is stopped in order to save on heating and/or air-conditioning costs.
- The backdraft damper can be fitted with the grouting frame, pivot pin and the flat roof stack.
- It is incompatible with the frame on a duct.

DESCRIPTION

- The backdraft damper has passed the fire resistance tests.
- The backdraft damper is designed to be installed in just a few seconds thanks to its stacking plate.
- Removable, it can be easily added later.
- Take into account an additional pressure loss of 50 Pa.

RANGE R8

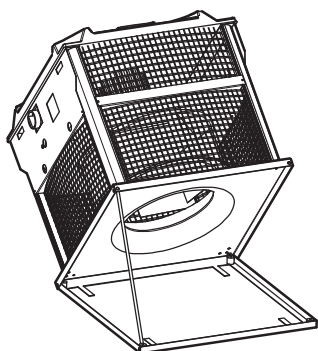
VELONE model	Code
Backdraft damper 1.2 / 1.5 / 3.2	11021260
Backdraft damper 4.5 / 7.2 / 10.5	11021261
Backdraft damper 8.5 / 13	11021262
Backdraft damper 20 / 27	11021263

DIMENSIONS (mm)

Code	C	D	X	h
11021260	380	380	515	120
11021261	480	480	680	120
11021262	580	580	816	120
11021263	780	780	966	120

Roof Fans

VELONE pivot pin



APPLICATION

- Pin allowing for access to the duct and the roof fan's impeller in order to facilitate maintenance.

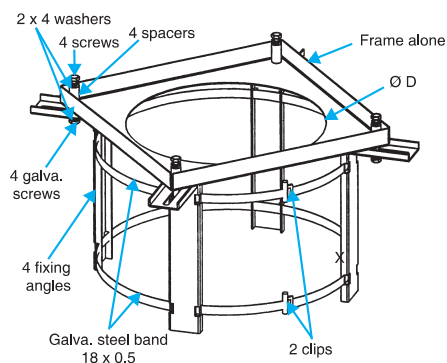
DESCRIPTION

- Pivot pin in stainless steel that slides through the roof fan base and the grouting frame.
- Requires the grouting frame.
- 2 locking washers and a hold open chain.
- IMPORTANT: secure the roof fan when it is in the open position in order to avoid any accidents.

RANGE R8

VELONE model	Code
Pivot pin 1.2 / 1.5 / 3.2	11021069
Pivot pin 4.5 / 7.2 / 10.5	11021070
Pivot pin 8.5 / 13	11021071
Pivot pin 20 / 27	11021072

VELONE duct frame



APPLICATION

- The duct frame is used to install a VELONE roof fan on a cylindrical duct which is strong enough to support it.

DESCRIPTION

- It consists of four angle brackets, a frame, four spacers and the necessary threaded fasteners.

RANGE R8

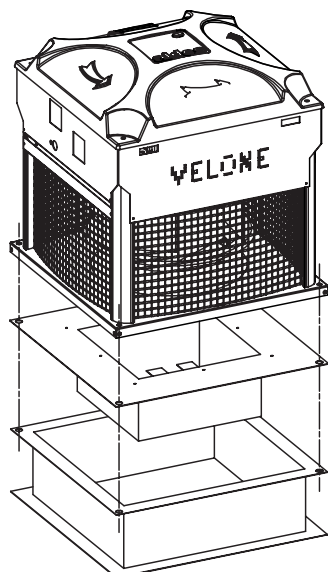
VELONE model	Code
Frame on duct 1.2 / 1.5 / 3.2	11021295
Frame on duct 4.5 / 7.2 / 10	11021296
Frame on duct 8.5 / 13	11021297
Frame on duct 20 / 27	11021298

DIMENSIONS (mm)

Code	X	Ø D	Duct	
			Ø min.	Ø max.
11021063	490	420	250	400
11021064	655	520	315	500
11021065	790	650	400	630
11021066	940	820	500	800

Roof Fans

VELONE flat roof stack - roof stack



Flat roof stack

APPLICATION

- The flat roof stack is used to fit a roof fan on a horizontal roof which does not have a brick stack.
- The roof stack is used to fit a roof fan on a sloping roof without a brick stack.

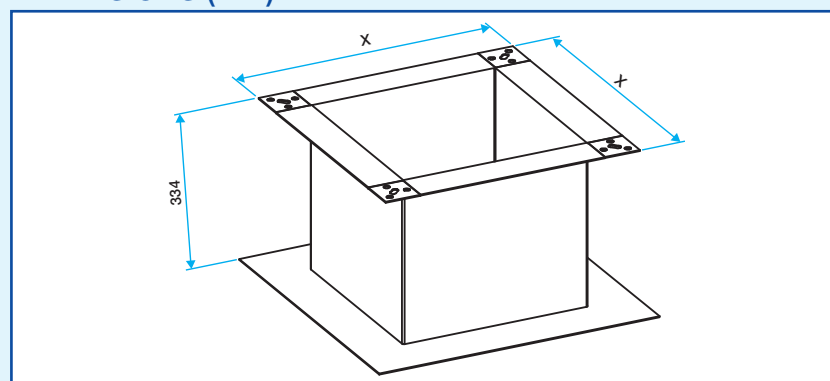
DESCRIPTION

- Galvanised steel.
- Being drilled at 4 angles it can house the backdraft damper.
- State the angle of the roof as a percentage (%) or in degrees (°) when ordering.

RANGE R8

VELONE model	Code
Flat roof stack	
Flat roof stack 1.2 / 1.5 / 3.2	11021080
Flat roof stack 4.5 / 7.2 / 10.5	11021081
Flat roof stack 8.5 / 13	11021082
Flat roof stack 20 / 27	11021083
Roof stack: state the inclination of the roof	
Roof stack 1.2 / 1.5 / 3.2	11021085
Roof stack 4.5 / 7.2 / 10.5	11021086
Roof stack 8.5 / 13	11021087
Roof stack 20 / 27	11021088

DIMENSIONS (mm)



Roof stack model	X
Roof stack 1.2 / 1.5 / 3.2	526
Roof stack 4.5 / 7.2 / 10.5	691
Roof stack 8.5 / 13	827
Roof stack 20 / 27	977