

Axial fan**11090501**
HELIONE NC-F200-F400 Ø 350

HELIONE is a range of axial smoke and heat exhaust fans rated F200-120, F400-120 or unclassified.

**PRODUCT BENEFITS**

- range up to 128,000 m³/h,
- wide range for car parks, commercial and industrial premises,
- multiple accessories to facilitate operation.

REGULATIONS AND COMPLIANCES

PV CE number : 1812-CPR-1623

Principles of operation

HELIONE fan units require connection to the ventilation / smoke exhaust circuit to remove stale air and smoke to the outside. They can be controlled by an AXONE safety box or a car park box.

Produktbeskrivelse

The standard HELIONE range varies from Ø 355 to Ø 1 250 mm and can reach airflows from 1,500 to 200,000 m³/h. HELIONE is used for ventilation and/or smoke and heat exhaust in residential areas (car parks, stairwells), non-residential premises (car parks, shops), and industrial buildings. It enables fresh air supply and exhaust as well as intermittent smoke and heat exhaust functions or in locations where acoustic limitations are not predominant. HELIONE combines with multiple accessories to assist its operation.

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- horizontal on floor and against a wall, essential extras:
 - square plate, anti-vibration mountings and feet, flanges and flexible sleeves or grille if not ducted.
- horizontal on floor between two ducts, essential extras:
 - anti-vibration mountings and feet, flanges and flexible sleeves for both sides, long ring for access to motor through access hatch.
- horizontal against a wall, essential extras:
 - reinforced square plate for attachment to wall, flange and flexible sleeve or grille if not ducted.
- vertical suspended under slab or to duct, essential extras:
 - protective screen if access possible or if risk of waste intake,
 - long ring for access to motor if ducted on both sides,
 - gusset bracket option.

Axial fan

11090501

HELIONE NC-F200-F400 Ø 350

Main characteristics

- compliance:
 - certified F400-120 and F200-120,
 - CE compliance: 1812-CPR-1623.
- Ø 355 to Ø 1250 mm, contact us for larger Ø.
- airflow from 1,500 to 120,000 m³/h with pressure values from 100 to 600 Pa,
- impellers:
 - comprise several aluminium blades,
 - fitted on aluminium core,
 - jet angle determined according to operating point.
- blades: individually X-rayed before assembly to ensure material quality,
- shells:
 - formed from metal sheet,
 - includes drilled rebate flanges for connections,
 - standard = short ring, long ring optional.
- motor attachment arm: hot-dip galvanised for good corrosion resistance,
- motors:
 - bossed,
 - 4 poles or 4/8 poles (2 poles on request),
 - IP55, class F insulation as standard,
 - operating temperature -20/50°C,
 - 60 Hz motor: contact us.

Supplementary characteristics

- installation accessories:
 - flexible sleeve,
 - galvanised steel counter flange to attach Helione to a circular duct,
 - galvanised steel square plate to attach Helione to a wall,
 - galvanised steel support feet (x2) to fasten Helione,
 - anti-vibration mountings (x4) to install under the support feet,
 - non return damper: circular, two galvanised steel flaps,
 - intake nozzle: improved air handling and acoustic performance.
- electrical accessories:
 - proximity switch,
 - pressure switch,
 - safety box see "AXONE micro II".
 - residential car park box
- available options:
 - long shell,
 - gusset brackets for vertical installation,
 - external pre-wired terminal block,
 - protective finish for saline / aggressive environment: hot-dip galvanisation, epoxy powder paint, stainless steel.

Accessories

Description	Variants
Backdraft damper HELIONE Ø 350	11090568
Adapter HELIONE Ø 350	11090529
Fan grille	11090581
Motor grille for short ring fan	11090594
Set of 2 stands HELIONE Ø 350	11090516
Set of 4 pads HELIONE Ø 315 - Ø 800	11090619
Flexible sleeve HELIONE Ø 350	11090542
3-phase 2A autotransformer	11086096
3-phase 4A autotransformer	11086097
Vacuum inlet nozzle HELIONE Ø 350	11090555
Square plate HELIONE Ø 350	11090607

Axial fan

11090501

HELIONE NC-F200-F400 Ø 350

Options

base
3HL/10-10
3HL/12-12
3HL/14-14
3HL/3-6
3HL/4-8
3HL/5-10
3HL/6-12
3HL/6-6
3HL/7-14
3HL/8-8
4Z/12-12
4Z/16-16
4Z/3-9
4Z/5-5
4Z/6-12
4Z/6-9
4Z/7-7
4Z/7-7R
4Z/8-16
4Z/9-9
4ZNAL/3-9
4ZNAL/6-9
4ZNAL/9-9
5Z/12-12
5Z/16-16
5Z/3-9
5Z/5-5
5Z/6-12
5Z/6-9
5Z/8-16
5Z/9-9
6W/10-10
6W/3-6
6W/4-8
6W/5-10
6W/6-6
6W/8-8
9W/10-10
9W/3-6
9W/4-8
9W/5-10
9W/6-6
9W/8-8
GOUSSET
KW0.12
KW0.18
KW0.25
KW0.37
KW0.55
KW0.6
KW0.75+F4001V
KW0.75+ND1V
KW0.8+F4002V
KW0.8+ND2V
KW1.2+F2002V

Axial fan

11090501

HELIONE NC-F200-F400 Ø 350

Options

KW1.2+ND2V
KW1.5+F4002V
KW1.6+F2002V
KW1.6+ND2V
KW11+F2002V
KW11+ND2V
KW14+F2002V
KW14+F4002V
KW14+ND2V
KW17+F2002V
KW17+F4002V
KW17+ND2V
KW18.5+F2001V
KW18.5+F4001V
KW18.5+ND1V
KW2.2+F2002V
KW2.2+F4002V
KW2.2+ND2V
KW20+F2002V
KW20+F4002V
KW20+ND2V
KW3+F2001V
KW3+F4001V
KW3+ND1V
KW3.8+F2002V
KW3.8+F4002V
KW3.8+ND2V
KW30+F2001V
KW30+F2002V
KW30+F4001V
KW30+ND1V
KW35+ND2V
KW37+F2001V
KW37+F2002V
KW37+F4001V
KW37+F4002V
KW37+ND1V
KW37+ND2V
KW4+F2001V
KW4+F4001V
KW4+ND1V
KW44+F2002V
KW44+F4002V
KW44+ND2V
KW45+F2001V
KW45+F4001V
KW45+ND1V
KW5+F2002V
KW5+F4002V
KW5+ND2V
KW5.5+F2001V
KW55+ND2V
KW7.2+F2002V
KW7.2+F4002V
KW7.2+ND2V
KW7.5+F2001V

Axial fan

11090501

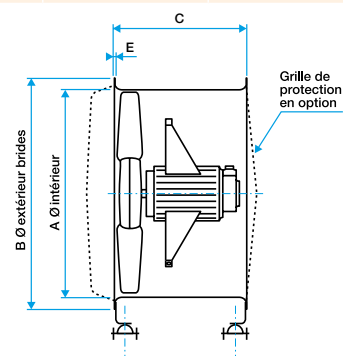
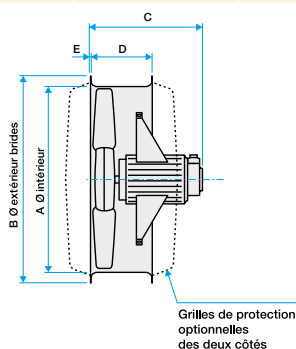
HELIONE NC-F200-F400 Ø 350

Options

KW7.5+F4001V
KW7.5+ND1V
KW9.2+ND1V
VIROL2

Dimensional data

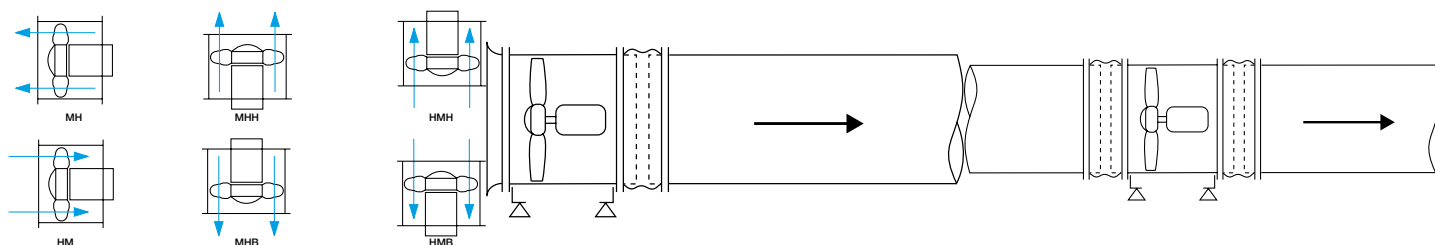
Variants	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	C long shell (mm)	C short shell (mm)	D short shell (mm)
11090501	350	425	254	540	8	350	460	254



Electrical datas

Variants	Max. current (A)	Max. power	Puissance min (KW)
11090501	3,17	1.5	0,12

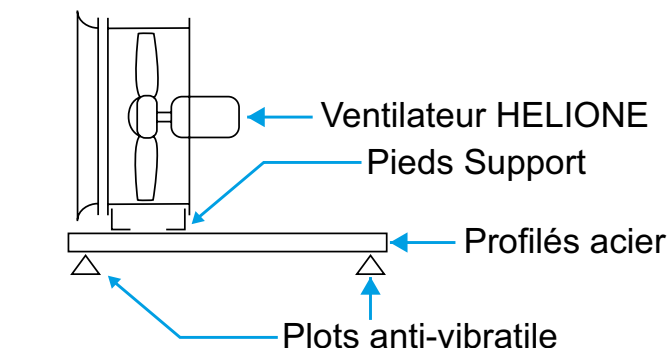
Installation



Mise en oeuvre

gainé que d'un côté, horizontal

gainé de chaque côté, (virole longue)



Montage sur structure avec HELIONE virole courte



Montage axe vertical sur structure

Axial fan**11090502**
HELIONE NC-F200-F400 Ø 400

HELIONE is a range of axial smoke and heat exhaust fans rated F200-120, F400-120 or unclassified.

**PRODUCT BENEFITS**

- range up to 128,000 m³/h,
- wide range for car parks, commercial and industrial premises,
- multiple accessories to facilitate operation.

REGULATIONS AND COMPLIANCES

PV CE number : 1812-CPR-1623

Principles of operation

HELIONE fan units require connection to the ventilation / smoke exhaust circuit to remove stale air and smoke to the outside. They can be controlled by an AXONE safety box or a car park box.

Produktbeskrivelse

The standard HELIONE range varies from Ø 355 to Ø 1 250 mm and can reach airflows from 1,500 to 200,000 m³/h. HELIONE is used for ventilation and/or smoke and heat exhaust in residential areas (car parks, stairwells), non-residential premises (car parks, shops), and industrial buildings. It enables fresh air supply and exhaust as well as intermittent smoke and heat exhaust functions or in locations where acoustic limitations are not predominant. HELIONE combines with multiple accessories to assist its operation.

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- horizontal on floor and against a wall, essential extras:
 - square plate, anti-vibration mountings and feet, flanges and flexible sleeves or grille if not ducted.
- horizontal on floor between two ducts, essential extras:
 - anti-vibration mountings and feet, flanges and flexible sleeves for both sides, long ring for access to motor through access hatch.
- horizontal against a wall, essential extras:
 - reinforced square plate for attachment to wall, flange and flexible sleeve or grille if not ducted.
- vertical suspended under slab or to duct, essential extras:
 - protective screen if access possible or if risk of waste intake,
 - long ring for access to motor if ducted on both sides,
 - gusset bracket option.

Axial fan

11090502

HELIONE NC-F200-F400 Ø 400

Main characteristics

- compliance:
 - certified F400-120 and F200-120,
 - CE compliance: 1812-CPR-1623.
- Ø 355 to Ø 1250 mm, contact us for larger Ø.
- airflow from 1,500 to 120,000 m³/h with pressure values from 100 to 600 Pa,
- impellers:
 - comprise several aluminium blades,
 - fitted on aluminium core,
 - jet angle determined according to operating point.
 - blades: individually X-rayed before assembly to ensure material quality,
- shells:
 - formed from metal sheet,
 - includes drilled rebate flanges for connections,
 - standard = short ring, long ring optional.
- motor attachment arm: hot-dip galvanised for good corrosion resistance,
- motors:
 - bossed,
 - 4 poles or 4/8 poles (2 poles on request),
 - IP55, class F insulation as standard,
 - operating temperature -20/50°C,
 - 60 Hz motor: contact us.

Supplementary characteristics

- installation accessories:
 - flexible sleeve,
 - galvanised steel counter flange to attach Helione to a circular duct,
 - galvanised steel square plate to attach Helione to a wall,
 - galvanised steel support feet (x2) to fasten Helione,
 - anti-vibration mountings (x4) to install under the support feet,
 - non return damper: circular, two galvanised steel flaps,
 - intake nozzle: improved air handling and acoustic performance.
- electrical accessories:
 - proximity switch,
 - pressure switch,
 - safety box see "AXONE micro II".
 - residential car park box
- available options:
 - long shell,
 - gusset brackets for vertical installation,
 - external pre-wired terminal block,
 - protective finish for saline / aggressive environment: hot-dip galvanisation, epoxy powder paint, stainless steel.

Accessories

Description	Variants
Backdraft damper HELIONE Ø 400	11090569
Adapter HELIONE Ø 400	11090530
Fan grille	11090582
Motor grille for short ring fan	11090595
Set of 2 stands HELIONE Ø 400	11090517
Set of 4 pads HELIONE Ø 315 - Ø 800	11090619
Flexible sleeve HELIONE Ø 400	11090543
3-phase 2A autotransformer	11086096
3-phase 4A autotransformer	11086097
3-phase 6A autotransformer	11086098
3-phase 8A autotransformer	11086099
Vacuum inlet nozzle HELIONE Ø 400	11090556
Square plate HELIONE Ø 400	11090608

Axial fan

11090502

HELIONE NC-F200-F400 Ø 400

Options

base
3HL/10-10
3HL/12-12
3HL/14-14
3HL/3-6
3HL/4-8
3HL/5-10
3HL/6-12
3HL/6-6
3HL/7-14
3HL/8-8
4Z/12-12
4Z/16-16
4Z/3-9
4Z/5-5
4Z/6-12
4Z/6-9
4Z/7-7
4Z/7-7R
4Z/8-16
4Z/9-9
4ZNAL/3-9
4ZNAL/6-9
4ZNAL/9-9
5Z/12-12
5Z/16-16
5Z/3-9
5Z/5-5
5Z/6-12
5Z/6-9
5Z/8-16
5Z/9-9
6W/10-10
6W/3-6
6W/4-8
6W/5-10
6W/6-6
6W/8-8
9W/10-10
9W/3-6
9W/4-8
9W/5-10
9W/6-6
9W/8-8
GOUSSET
KW0.12
KW0.18
KW0.25
KW0.37
KW0.55
KW0.6
KW0.75+F4001V
KW0.75+ND1V
KW0.8+F4002V
KW0.8+ND2V
KW1.2+F2002V

Axial fan

11090502

HELIONE NC-F200-F400 Ø 400

Options

KW1.2+ND2V
KW1.5+F4002V
KW1.6+F2002V
KW1.6+ND2V
KW11+F2002V
KW11+ND2V
KW14+F2002V
KW14+F4002V
KW14+ND2V
KW17+F2002V
KW17+F4002V
KW17+ND2V
KW18.5+F2001V
KW18.5+F4001V
KW18.5+ND1V
KW2.2+F2002V
KW2.2+F4002V
KW2.2+ND2V
KW20+F2002V
KW20+F4002V
KW20+ND2V
KW3+F2001V
KW3+F4001V
KW3+ND1V
KW3.8+F2002V
KW3.8+F4002V
KW3.8+ND2V
KW30+F2001V
KW30+F2002V
KW30+F4001V
KW30+ND1V
KW35+ND2V
KW37+F2001V
KW37+F2002V
KW37+F4001V
KW37+F4002V
KW37+ND1V
KW37+ND2V
KW4+F2001V
KW4+F4001V
KW4+ND1V
KW44+F2002V
KW44+F4002V
KW44+ND2V
KW45+F2001V
KW45+F4001V
KW45+ND1V
KW5+F2002V
KW5+F4002V
KW5+ND2V
KW5.5+F2001V
KW55+ND2V
KW7.2+F2002V
KW7.2+F4002V
KW7.2+ND2V
KW7.5+F2001V

Axial fan

11090502

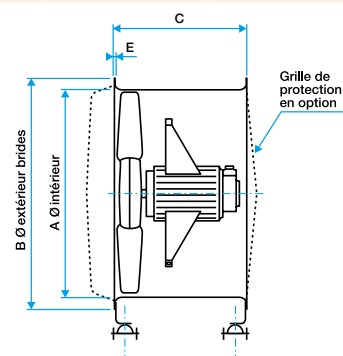
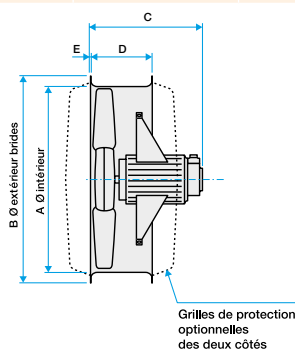
HELIONE NC-F200-F400 Ø 400

Options

KW7.5+F4001V
KW7.5+ND1V
KW9.2+ND1V
VIROL2

Dimensional data

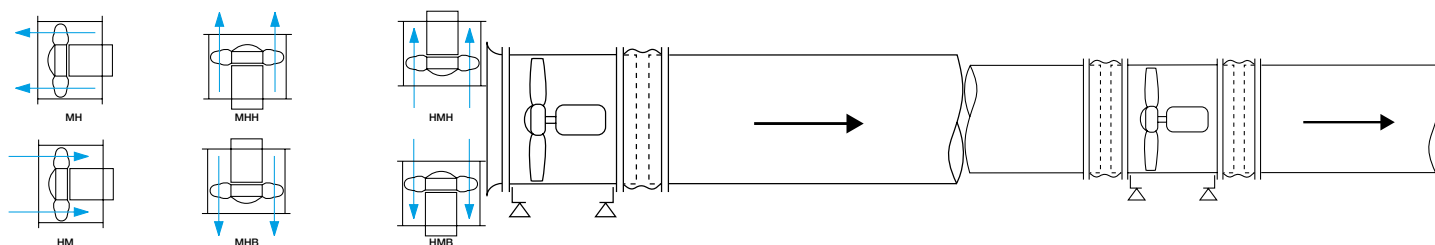
Variants	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	C long shell (mm)	C short shell (mm)	D short shell (mm)
11090502	400	470	254	540	8	440	485	254



Electrical datas

Variants	Max. current (A)	Max. power	Puissance min (KW)
11090502	6,47	3	0,12

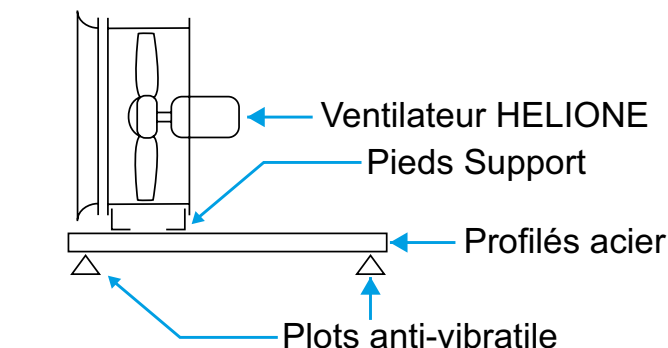
Installation



Mise en oeuvre

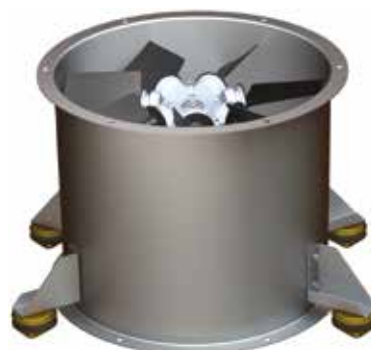
gainé que d'un côté, horizontal

gainé de chaque côté, (virole longue)



Montage sur structure avec HELIONE virole courte

Montage axe vertical sur structure



Axial fan

11090503

HELIONE NC-F200-F400 Ø 450

HELIONE is a range of axial smoke and heat exhaust fans rated F200-120, F400-120 or unclassified.



PRODUCT BENEFITS

- range up to 128,000 m³/h,
- wide range for car parks, commercial and industrial premises,
- multiple accessories to facilitate operation.

REGULATIONS AND COMPLIANCES

PV CE number : 1812-CPR-1623

Principles of operation

HELIONE fan units require connection to the ventilation / smoke exhaust circuit to remove stale air and smoke to the outside. They can be controlled by an AXONE safety box or a car park box.

Produktbeskrivelse

The standard HELIONE range varies from Ø 355 to Ø 1 250 mm and can reach airflows from 1,500 to 200,000 m³/h. HELIONE is used for ventilation and/or smoke and heat exhaust in residential areas (car parks, stairwells), non-residential premises (car parks, shops), and industrial buildings. It enables fresh air supply and exhaust as well as intermittent smoke and heat exhaust functions or in locations where acoustic limitations are not predominant. HELIONE combines with multiple accessories to assist its operation.

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- horizontal on floor and against a wall, essential extras:
 - square plate, anti-vibration mountings and feet, flanges and flexible sleeves or grille if not ducted.
- horizontal on floor between two ducts, essential extras:
 - anti-vibration mountings and feet, flanges and flexible sleeves for both sides, long ring for access to motor through access hatch.
- horizontal against a wall, essential extras:
 - reinforced square plate for attachment to wall, flange and flexible sleeve or grille if not ducted.
- vertical suspended under slab or to duct, essential extras:
 - protective screen if access possible or if risk of waste intake,
 - long ring for access to motor if ducted on both sides,
 - gusset bracket option.

Axial fan

11090503

HELIONE NC-F200-F400 Ø 450

Main characteristics

- compliance:
 - certified F400-120 and F200-120,
 - CE compliance: 1812-CPR-1623.
- Ø 355 to Ø 1250 mm, contact us for larger Ø.
- airflow from 1,500 to 120,000 m³/h with pressure values from 100 to 600 Pa,
- impellers:
 - comprise several aluminium blades,
 - fitted on aluminium core,
 - jet angle determined according to operating point.
 - blades: individually X-rayed before assembly to ensure material quality,
- shells:
 - formed from metal sheet,
 - includes drilled rebate flanges for connections,
 - standard = short ring, long ring optional.
- motor attachment arm: hot-dip galvanised for good corrosion resistance,
- motors:
 - bossed,
 - 4 poles or 4/8 poles (2 poles on request),
 - IP55, class F insulation as standard,
 - operating temperature -20/50°C,
 - 60 Hz motor: contact us.

Axial fan

11090503

HELIONE NC-F200-F400 Ø 450

Supplementary characteristics

- installation accessories:
 - flexible sleeve,
 - galvanised steel counter flange to attach Helione to a circular duct,
 - galvanised steel square plate to attach Helione to a wall,
 - galvanised steel support feet (x2) to fasten Helione,
 - anti-vibration mountings (x4) to install under the support feet,
 - non return damper: circular, two galvanised steel flaps,
 - intake nozzle: improved air handling and acoustic performance.
- electrical accessories:
 - proximity switch,
 - pressure switch,
 - safety box see "AXONE micro II".
 - residential car park box
- available options:
 - long shell,
 - gusset brackets for vertical installation,
 - external pre-wired terminal block,
 - protective finish for saline / aggressive environment: hot-dip galvanisation, epoxy powder paint, stainless steel.

Accessories

Description	Variants
Backdraft damper HELIONE Ø 450	11090570
Adapter HELIONE Ø 450	11090531
Fan grille	11090583
Motor grille for short ring fan	11090596
Set of 2 stands HELIONE Ø 450	11090518
Set of 4 pads HELIONE Ø 315 - Ø 800	11090619
Flexible sleeve HELIONE Ø 450	11090544
3-phase 14A autotransformer	11057060
3-phase 2A autotransformer	11086096
3-phase 4A autotransformer	11086097
3-phase 6A autotransformer	11086098
3-phase 8A autotransformer	11086099
Vacuum inlet nozzle HELIONE Ø 450	11090557
Square plate HELIONE Ø 450	11090609

Options

base
3HL/10-10
3HL/12-12
3HL/14-14
3HL/3-6
3HL/4-8
3HL/5-10
3HL/6-12
3HL/6-6
3HL/7-14
3HL/8-8
4Z/12-12
4Z/16-16
4Z/3-9
4Z/5-5
4Z/6-12
4Z/6-9
4Z/7-7
4Z/7-7R

Axial fan

11090503

HELIONE NC-F200-F400 Ø 450

Options

4Z/8-16
4Z/9-9
4ZNAL/3-9
4ZNAL/6-9
4ZNAL/9-9
5Z/12-12
5Z/16-16
5Z/3-9
5Z/5-5
5Z/6-12
5Z/6-9
5Z/8-16
5Z/9-9
6W/10-10
6W/3-6
6W/4-8
6W/5-10
6W/6-6
6W/8-8
9W/10-10
9W/3-6
9W/4-8
9W/5-10
9W/6-6
9W/8-8
GOUSSET
KW0.12
KW0.18
KW0.25
KW0.37
KW0.55
KW0.6
KW0.75+F4001V
KW0.75+ND1V
KW0.8+F4002V
KW0.8+ND2V
KW1.2+F2002V
KW1.2+ND2V
KW1.5+F4002V
KW1.6+F2002V
KW1.6+ND2V
KW11+F2002V
KW11+ND2V
KW14+F2002V
KW14+F4002V
KW14+ND2V
KW17+F2002V
KW17+F4002V
KW17+ND2V
KW18.5+F2001V
KW18.5+F4001V
KW18.5+ND1V
KW2.2+F2002V
KW2.2+F4002V
KW2.2+ND2V
KW20+F2002V

Axial fan

11090503

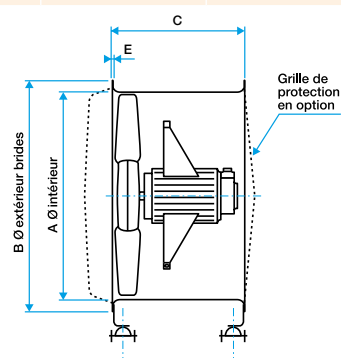
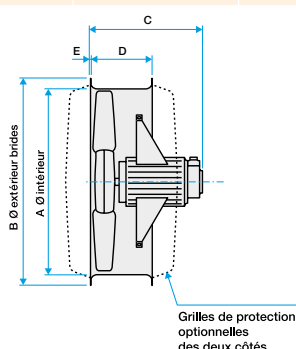
HELIONE NC-F200-F400 Ø 450

Options

KW20+F4002V
KW20+ND2V
KW3+F2001V
KW3+F4001V
KW3+ND1V
KW3.8+F2002V
KW3.8+F4002V
KW3.8+ND2V
KW30+F2001V
KW30+F2002V
KW30+F4001V
KW30+ND1V
KW35+ND2V
KW37+F2001V
KW37+F2002V
KW37+F4001V
KW37+F4002V
KW37+ND1V
KW37+ND2V
KW4+F2001V
KW4+F4001V
KW4+ND1V
KW44+F2002V
KW44+F4002V
KW44+ND2V
KW45+F2001V
KW45+F4001V
KW45+ND1V
KW5+F2002V
KW5+F4002V
KW5+ND2V
KW5.5+F2001V
KW55+ND2V
KW7.2+F2002V
KW7.2+F4002V
KW7.2+ND2V
KW7.5+F2001V
KW7.5+F4001V
KW7.5+ND1V
KW9.2+ND1V
VIROL2

Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	C long shell (mm)	C short shell (mm)	D short shell (mm)
11090503	450	520	254	540	8	440	485	254



Axial fan

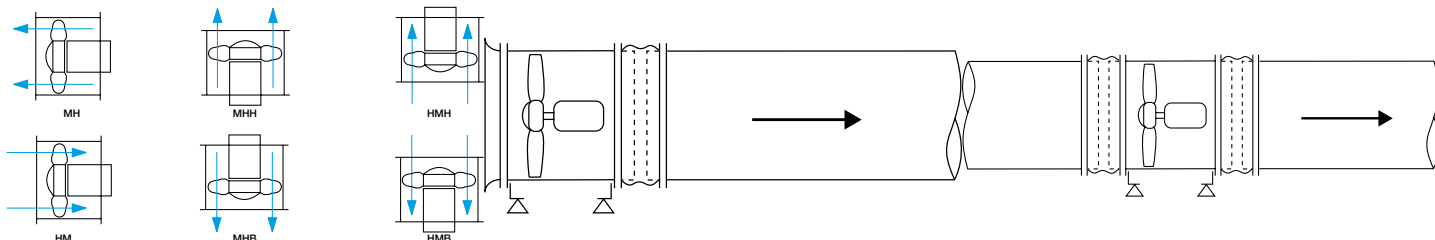
11090503

HELIONE NC-F200-F400 Ø 450

Electrical datas

Variants	Max. current (A)	Max. power	Puissance min (KW)
11090503	8,23	4	0,12

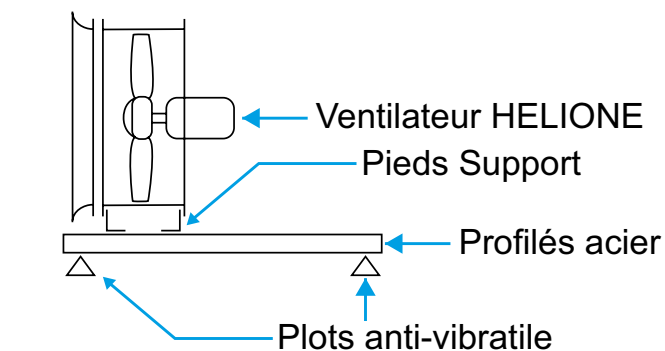
Installation



Mise en oeuvre

gainé de d'un côté, horizontal

gainé de chaque côté, (virole longue)



Montage sur structure avec HELIONE virole courte



Montage axe vertical sur structure

Axial fan

11090504

HELIONE NC-F200-F400 Ø 500

HELIONE is a range of axial smoke and heat exhaust fans rated F200-120, F400-120 or unclassified.



PRODUCT BENEFITS

- range up to 128,000 m³/h,
- wide range for car parks, commercial and industrial premises,
- multiple accessories to facilitate operation.

REGULATIONS AND COMPLIANCES

PV CE number : 1812-CPR-1623

Principles of operation

HELIONE fan units require connection to the ventilation / smoke exhaust circuit to remove stale air and smoke to the outside. They can be controlled by an AXONE safety box or a car park box.

Produktbeskrivelse

The standard HELIONE range varies from Ø 355 to Ø 1 250 mm and can reach airflows from 1,500 to 200,000 m³/h. HELIONE is used for ventilation and/or smoke and heat exhaust in residential areas (car parks, stairwells), non-residential premises (car parks, shops), and industrial buildings. It enables fresh air supply and exhaust as well as intermittent smoke and heat exhaust functions or in locations where acoustic limitations are not predominant. HELIONE combines with multiple accessories to assist its operation.

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- horizontal on floor and against a wall, essential extras:
 - square plate, anti-vibration mountings and feet, flanges and flexible sleeves or grille if not ducted.
- horizontal on floor between two ducts, essential extras:
 - anti-vibration mountings and feet, flanges and flexible sleeves for both sides, long ring for access to motor through access hatch.
- horizontal against a wall, essential extras:
 - reinforced square plate for attachment to wall, flange and flexible sleeve or grille if not ducted.
- vertical suspended under slab or to duct, essential extras:
 - protective screen if access possible or if risk of waste intake,
 - long ring for access to motor if ducted on both sides,
 - gusset bracket option.

Axial fan

11090504

HELIONE NC-F200-F400 Ø 500

Main characteristics

- compliance:
 - certified F400-120 and F200-120,
 - CE compliance: 1812-CPR-1623.
- Ø 355 to Ø 1250 mm, contact us for larger Ø.
- airflow from 1,500 to 120,000 m³/h with pressure values from 100 to 600 Pa,
- impellers:
 - comprise several aluminium blades,
 - fitted on aluminium core,
 - jet angle determined according to operating point.
 - blades: individually X-rayed before assembly to ensure material quality,
- shells:
 - formed from metal sheet,
 - includes drilled rebate flanges for connections,
 - standard = short ring, long ring optional.
- motor attachment arm: hot-dip galvanised for good corrosion resistance,
- motors:
 - bossed,
 - 4 poles or 4/8 poles (2 poles on request),
 - IP55, class F insulation as standard,
 - operating temperature -20/50°C,
 - 60 Hz motor: contact us.

Axial fan

11090504

HELIONE NC-F200-F400 Ø 500

Supplementary characteristics

- installation accessories:
 - flexible sleeve,
 - galvanised steel counter flange to attach Helione to a circular duct,
 - galvanised steel square plate to attach Helione to a wall,
 - galvanised steel support feet (x2) to fasten Helione,
 - anti-vibration mountings (x4) to install under the support feet,
 - non return damper: circular, two galvanised steel flaps,
 - intake nozzle: improved air handling and acoustic performance.
- electrical accessories:
 - proximity switch,
 - pressure switch,
 - safety box see "AXONE micro II".
 - residential car park box
- available options:
 - long shell,
 - gusset brackets for vertical installation,
 - external pre-wired terminal block,
 - protective finish for saline / aggressive environment: hot-dip galvanisation, epoxy powder paint, stainless steel.

Accessories

Description	Variants
Backdraft damper HELIONE Ø 500	11090571
Adapter HELIONE Ø 500	11090532
Fan grille	11090584
Motor grille for short ring fan	11090597
Set of 2 stands HELIONE Ø 500	11090519
Set of 4 pads HELIONE Ø 315 - Ø 800	11090619
Flexible sleeve HELIONE Ø 500	11090545
3-phase 14A autotransformer	11057060
3-phase 2A autotransformer	11086096
3-phase 4A autotransformer	11086097
3-phase 6A autotransformer	11086098
3-phase 8A autotransformer	11086099
Vacuum inlet nozzle HELIONE Ø 500	11090558
Square plate HELIONE Ø 500	11090610

Options

base
3HL/10-10
3HL/12-12
3HL/14-14
3HL/3-6
3HL/4-8
3HL/5-10
3HL/6-12
3HL/6-6
3HL/7-14
3HL/8-8
4Z/12-12
4Z/16-16
4Z/3-9
4Z/5-5
4Z/6-12
4Z/6-9
4Z/7-7
4Z/7-7R

Axial fan

11090504

HELIONE NC-F200-F400 Ø 500

Options

4Z/8-16
4Z/9-9
4ZNAL/3-9
4ZNAL/6-9
4ZNAL/9-9
5Z/12-12
5Z/16-16
5Z/3-9
5Z/5-5
5Z/6-12
5Z/6-9
5Z/8-16
5Z/9-9
6W/10-10
6W/3-6
6W/4-8
6W/5-10
6W/6-6
6W/8-8
9W/10-10
9W/3-6
9W/4-8
9W/5-10
9W/6-6
9W/8-8
GOUSSET
KW0.12
KW0.18
KW0.25
KW0.37
KW0.55
KW0.6
KW0.75+F4001V
KW0.75+ND1V
KW0.8+F4002V
KW0.8+ND2V
KW1.2+F2002V
KW1.2+ND2V
KW1.5+F4002V
KW1.6+F2002V
KW1.6+ND2V
KW11+F2002V
KW11+ND2V
KW14+F2002V
KW14+F4002V
KW14+ND2V
KW17+F2002V
KW17+F4002V
KW17+ND2V
KW18.5+F2001V
KW18.5+F4001V
KW18.5+ND1V
KW2.2+F2002V
KW2.2+F4002V
KW2.2+ND2V
KW20+F2002V

Axial fan

11090504

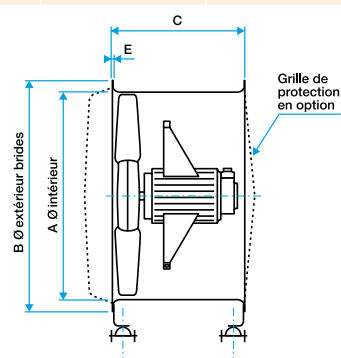
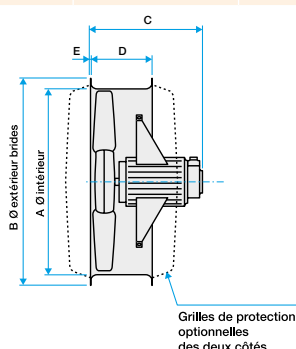
HELIONE NC-F200-F400 Ø 500

Options

KW20+F4002V
KW20+ND2V
KW3+F2001V
KW3+F4001V
KW3+ND1V
KW3.8+F2002V
KW3.8+F4002V
KW3.8+ND2V
KW30+F2001V
KW30+F2002V
KW30+F4001V
KW30+ND1V
KW35+ND2V
KW37+F2001V
KW37+F2002V
KW37+F4001V
KW37+F4002V
KW37+ND1V
KW37+ND2V
KW4+F2001V
KW4+F4001V
KW4+ND1V
KW44+F2002V
KW44+F4002V
KW44+ND2V
KW45+F2001V
KW45+F4001V
KW45+ND1V
KW5+F2002V
KW5+F4002V
KW5+ND2V
KW5.5+F2001V
KW55+ND2V
KW7.2+F2002V
KW7.2+F4002V
KW7.2+ND2V
KW7.5+F2001V
KW7.5+F4001V
KW7.5+ND1V
KW9.2+ND1V
VIROL2

Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	C long shell (mm)	C short shell (mm)	D short shell (mm)
11090504	500	572	254	540	8	440 / 600	485 / 630	254 / 425



Axial fan

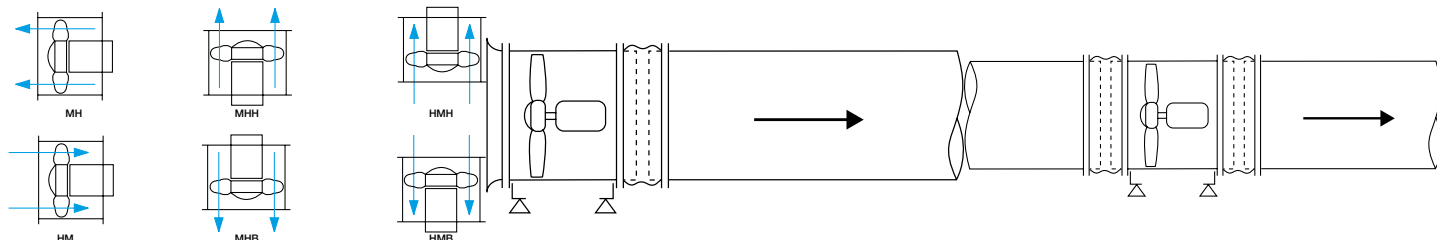
11090504

HELIONE NC-F200-F400 Ø 500

Electrical datas

Variants	Max. current (A)	Max. power	Puissance min (KW)
11090504	17,4	9.2	0,12

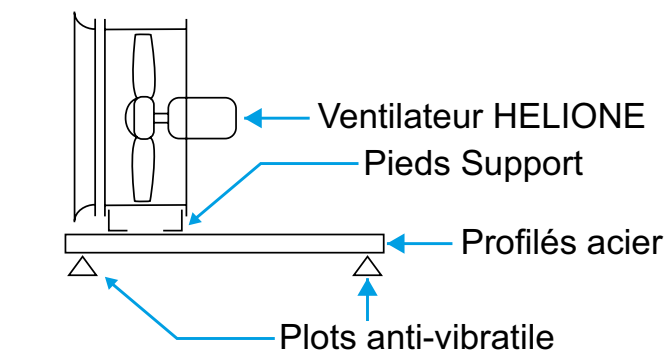
Installation



Mise en oeuvre

gainé que d'un côté, horizontal

gainé de chaque côté, (virole longue)



Montage sur structure avec HELIONE virole courte



Montage axe vertical sur structure

Axial fan**11090505**
HELIONE NC-F200-F400 Ø 560

HELIONE is a range of axial smoke and heat exhaust fans rated F200-120, F400-120 or unclassified.

**PRODUCT BENEFITS**

- range up to 128,000 m³/h,
- wide range for car parks, commercial and industrial premises,
- multiple accessories to facilitate operation.

REGULATIONS AND COMPLIANCES

PV CE number : 1812-CPR-1623

Principles of operation

HELIONE fan units require connection to the ventilation / smoke exhaust circuit to remove stale air and smoke to the outside. They can be controlled by an AXONE safety box or a car park box.

Produktbeskrivelse

The standard HELIONE range varies from Ø 355 to Ø 1 250 mm and can reach airflows from 1,500 to 200,000 m³/h. HELIONE is used for ventilation and/or smoke and heat exhaust in residential areas (car parks, stairwells), non-residential premises (car parks, shops), and industrial buildings. It enables fresh air supply and exhaust as well as intermittent smoke and heat exhaust functions or in locations where acoustic limitations are not predominant. HELIONE combines with multiple accessories to assist its operation.

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- horizontal on floor and against a wall, essential extras:
 - square plate, anti-vibration mountings and feet, flanges and flexible sleeves or grille if not ducted.
- horizontal on floor between two ducts, essential extras:
 - anti-vibration mountings and feet, flanges and flexible sleeves for both sides, long ring for access to motor through access hatch.
- horizontal against a wall, essential extras:
 - reinforced square plate for attachment to wall, flange and flexible sleeve or grille if not ducted.
- vertical suspended under slab or to duct, essential extras:
 - protective screen if access possible or if risk of waste intake,
 - long ring for access to motor if ducted on both sides,
 - gusset bracket option.

Axial fan

11090505

HELIONE NC-F200-F400 Ø 560

Main characteristics

- compliance:
 - certified F400-120 and F200-120,
 - CE compliance: 1812-CPR-1623.
- Ø 355 to Ø 1250 mm, contact us for larger Ø.
- airflow from 1,500 to 120,000 m³/h with pressure values from 100 to 600 Pa,
- impellers:
 - comprise several aluminium blades,
 - fitted on aluminium core,
 - jet angle determined according to operating point.
 - blades: individually X-rayed before assembly to ensure material quality,
- shells:
 - formed from metal sheet,
 - includes drilled rebate flanges for connections,
 - standard = short ring, long ring optional.
- motor attachment arm: hot-dip galvanised for good corrosion resistance,
- motors:
 - bossed,
 - 4 poles or 4/8 poles (2 poles on request),
 - IP55, class F insulation as standard,
 - operating temperature -20/50°C,
 - 60 Hz motor: contact us.

Axial fan

11090505

HELIONE NC-F200-F400 Ø 560

Supplementary characteristics

- installation accessories:
 - flexible sleeve,
 - galvanised steel counter flange to attach Helione to a circular duct,
 - galvanised steel square plate to attach Helione to a wall,
 - galvanised steel support feet (x2) to fasten Helione,
 - anti-vibration mountings (x4) to install under the support feet,
 - non return damper: circular, two galvanised steel flaps,
 - intake nozzle: improved air handling and acoustic performance.
- electrical accessories:
 - proximity switch,
 - pressure switch,
 - safety box see "AXONE micro II".
 - residential car park box
- available options:
 - long shell,
 - gusset brackets for vertical installation,
 - external pre-wired terminal block,
 - protective finish for saline / aggressive environment: hot-dip galvanisation, epoxy powder paint, stainless steel.

Accessories

Description	Variants
Backdraft damper HELIONE Ø 560	11090572
Adapter HELIONE Ø 560	11090533
Fan grille	11090585
Motor grille for short ring fan	11090598
Set of 2 stands HELIONE Ø 560	11090520
Set of 4 pads HELIONE Ø 315 - Ø 800	11090619
Flexible sleeve HELIONE Ø 560	11090546
3-phase 14A autotransformer	11057060
3-phase 2A autotransformer	11086096
3-phase 4A autotransformer	11086097
3-phase 6A autotransformer	11086098
3-phase 8A autotransformer	11086099
Vacuum inlet nozzle HELIONE Ø 560	11090559
Square plate HELIONE Ø 560	11090611

Options

base
3HL/10-10
3HL/12-12
3HL/14-14
3HL/3-6
3HL/4-8
3HL/5-10
3HL/6-12
3HL/6-6
3HL/7-14
3HL/8-8
4Z/12-12
4Z/16-16
4Z/3-9
4Z/5-5
4Z/6-12
4Z/6-9
4Z/7-7
4Z/7-7R

Axial fan

11090505

HELIONE NC-F200-F400 Ø 560

Options

4Z/8-16
4Z/9-9
4ZNAL/3-9
4ZNAL/6-9
4ZNAL/9-9
5Z/12-12
5Z/16-16
5Z/3-9
5Z/5-5
5Z/6-12
5Z/6-9
5Z/8-16
5Z/9-9
6W/10-10
6W/3-6
6W/4-8
6W/5-10
6W/6-6
6W/8-8
9W/10-10
9W/3-6
9W/4-8
9W/5-10
9W/6-6
9W/8-8
GOUSSET
KW0.12
KW0.18
KW0.25
KW0.37
KW0.55
KW0.6
KW0.75+F4001V
KW0.75+ND1V
KW0.8+F4002V
KW0.8+ND2V
KW1.2+F2002V
KW1.2+ND2V
KW1.5+F4002V
KW1.6+F2002V
KW1.6+ND2V
KW11+F2002V
KW11+ND2V
KW14+F2002V
KW14+F4002V
KW14+ND2V
KW17+F2002V
KW17+F4002V
KW17+ND2V
KW18.5+F2001V
KW18.5+F4001V
KW18.5+ND1V
KW2.2+F2002V
KW2.2+F4002V
KW2.2+ND2V
KW20+F2002V

Axial fan

11090505

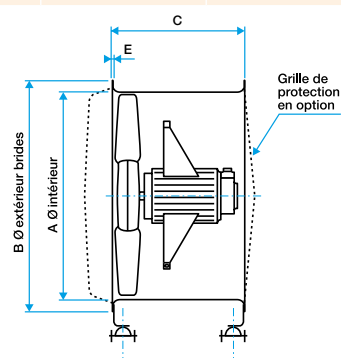
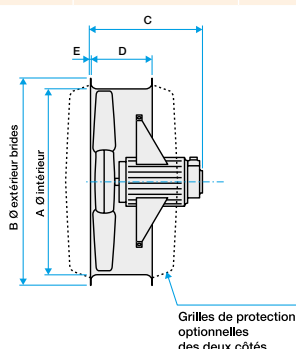
HELIONE NC-F200-F400 Ø 560

Options

KW20+F4002V
KW20+ND2V
KW3+F2001V
KW3+F4001V
KW3+ND1V
KW3.8+F2002V
KW3.8+F4002V
KW3.8+ND2V
KW30+F2001V
KW30+F2002V
KW30+F4001V
KW30+ND1V
KW35+ND2V
KW37+F2001V
KW37+F2002V
KW37+F4001V
KW37+F4002V
KW37+ND1V
KW37+ND2V
KW4+F2001V
KW4+F4001V
KW4+ND1V
KW44+F2002V
KW44+F4002V
KW44+ND2V
KW45+F2001V
KW45+F4001V
KW45+ND1V
KW5+F2002V
KW5+F4002V
KW5+ND2V
KW5.5+F2001V
KW55+ND2V
KW7.2+F2002V
KW7.2+F4002V
KW7.2+ND2V
KW7.5+F2001V
KW7.5+F4001V
KW7.5+ND1V
KW9.2+ND1V
VIROL2

Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	C long shell (mm)	C short shell (mm)	D short shell (mm)
11090505	560	626	254	540	8	440 / 600	485 / 630	254 / 425



Axial fan

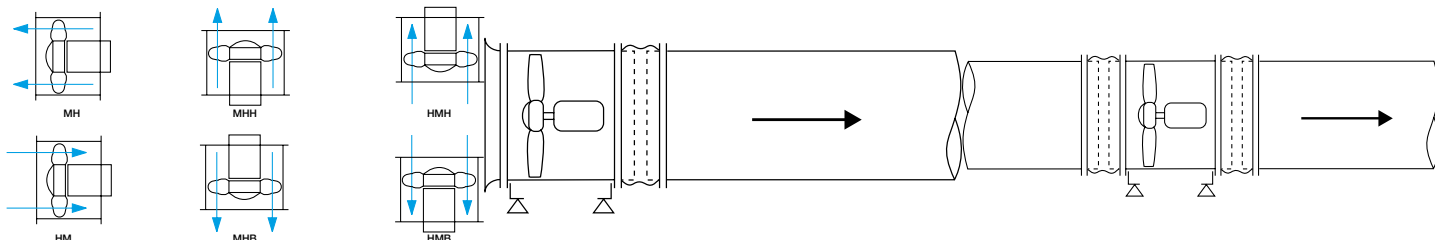
11090505

HELIONE NC-F200-F400 Ø 560

Electrical datas

Variants	Max. current (A)	Max. power	Puissance min (KW)
11090505	17,4	9.2	0,25

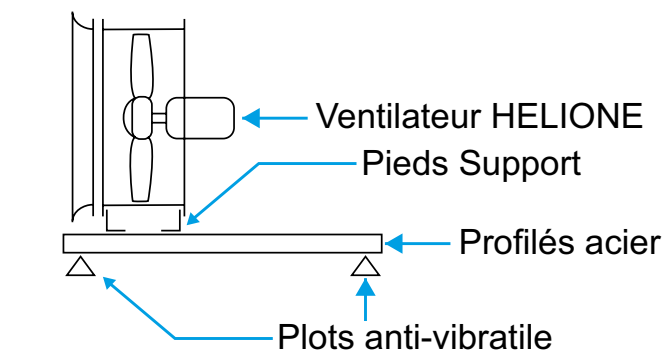
Installation



Mise en oeuvre

gainé de d'un côté, horizontal

gainé de chaque côté, (virole longue)



Montage sur structure avec HELIONE virole courte



Montage axe vertical sur struture

Axial fan**11090506**
HELIONE NC-F200-F400 Ø 630

HELIONE is a range of axial smoke and heat exhaust fans rated F200-120, F400-120 or unclassified.

**PRODUCT BENEFITS**

- range up to 128,000 m³/h,
- wide range for car parks, commercial and industrial premises,
- multiple accessories to facilitate operation.

REGULATIONS AND COMPLIANCES

PV CE number : 1812-CPR-1623

Principles of operation

HELIONE fan units require connection to the ventilation / smoke exhaust circuit to remove stale air and smoke to the outside. They can be controlled by an AXONE safety box or a car park box.

Produktbeskrivelse

The standard HELIONE range varies from Ø 355 to Ø 1 250 mm and can reach airflows from 1,500 to 200,000 m³/h. HELIONE is used for ventilation and/or smoke and heat exhaust in residential areas (car parks, stairwells), non-residential premises (car parks, shops), and industrial buildings. It enables fresh air supply and exhaust as well as intermittent smoke and heat exhaust functions or in locations where acoustic limitations are not predominant. HELIONE combines with multiple accessories to assist its operation.

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- horizontal on floor and against a wall, essential extras:
 - square plate, anti-vibration mountings and feet, flanges and flexible sleeves or grille if not ducted.
- horizontal on floor between two ducts, essential extras:
 - anti-vibration mountings and feet, flanges and flexible sleeves for both sides, long ring for access to motor through access hatch.
- horizontal against a wall, essential extras:
 - reinforced square plate for attachment to wall, flange and flexible sleeve or grille if not ducted.
- vertical suspended under slab or to duct, essential extras:
 - protective screen if access possible or if risk of waste intake,
 - long ring for access to motor if ducted on both sides,
 - gusset bracket option.

Axial fan

11090506

HELIONE NC-F200-F400 Ø 630

Main characteristics

- compliance:
 - certified F400-120 and F200-120,
 - CE compliance: 1812-CPR-1623.
- Ø 355 to Ø 1250 mm, contact us for larger Ø.
- airflow from 1,500 to 120,000 m³/h with pressure values from 100 to 600 Pa,
- impellers:
 - comprise several aluminium blades,
 - fitted on aluminium core,
 - jet angle determined according to operating point.
 - blades: individually X-rayed before assembly to ensure material quality,
- shells:
 - formed from metal sheet,
 - includes drilled rebate flanges for connections,
 - standard = short ring, long ring optional.
- motor attachment arm: hot-dip galvanised for good corrosion resistance,
- motors:
 - bossed,
 - 4 poles or 4/8 poles (2 poles on request),
 - IP55, class F insulation as standard,
 - operating temperature -20/50°C,
 - 60 Hz motor: contact us.

Axial fan

11090506

HELIONE NC-F200-F400 Ø 630

Supplementary characteristics

- installation accessories:
 - flexible sleeve,
 - galvanised steel counter flange to attach Helione to a circular duct,
 - galvanised steel square plate to attach Helione to a wall,
 - galvanised steel support feet (x2) to fasten Helione,
 - anti-vibration mountings (x4) to install under the support feet,
 - non return damper: circular, two galvanised steel flaps,
 - intake nozzle: improved air handling and acoustic performance.
- electrical accessories:
 - proximity switch,
 - pressure switch,
 - safety box see "AXONE micro II".
 - residential car park box
- available options:
 - long shell,
 - gusset brackets for vertical installation,
 - external pre-wired terminal block,
 - protective finish for saline / aggressive environment: hot-dip galvanisation, epoxy powder paint, stainless steel.

Accessories

Description	Variants
Backdraft damper HELIONE Ø 630	11090573
Adapter HELIONE Ø 630	11090534
Fan grille	11090586
Motor grille for short ring fan	11090599
Set of 2 stands HELIONE Ø 630	11090521
Set of 4 pads HELIONE Ø 315 - Ø 800	11090619
Flexible sleeve HELIONE Ø 630	11090547
3-phase 14A autotransformer	11057060
3-phase 2A autotransformer	11086096
3-phase 4A autotransformer	11086097
3-phase 6A autotransformer	11086098
3-phase 8A autotransformer	11086099
Vacuum inlet nozzle HELIONE Ø 630	11090560
Square plate HELIONE Ø 630	11090612

Options

base
3HL/10-10
3HL/12-12
3HL/14-14
3HL/3-6
3HL/4-8
3HL/5-10
3HL/6-12
3HL/6-6
3HL/7-14
3HL/8-8
4Z/12-12
4Z/16-16
4Z/3-9
4Z/5-5
4Z/6-12
4Z/6-9
4Z/7-7
4Z/7-7R

Axial fan

11090506

HELIONE NC-F200-F400 Ø 630

Options

4Z/8-16
4Z/9-9
4ZNAL/3-9
4ZNAL/6-9
4ZNAL/9-9
5Z/12-12
5Z/16-16
5Z/3-9
5Z/5-5
5Z/6-12
5Z/6-9
5Z/8-16
5Z/9-9
6W/10-10
6W/3-6
6W/4-8
6W/5-10
6W/6-6
6W/8-8
9W/10-10
9W/3-6
9W/4-8
9W/5-10
9W/6-6
9W/8-8
GOUSSET
KW0.12
KW0.18
KW0.25
KW0.37
KW0.55
KW0.6
KW0.75+F4001V
KW0.75+ND1V
KW0.8+F4002V
KW0.8+ND2V
KW1.2+F2002V
KW1.2+ND2V
KW1.5+F4002V
KW1.6+F2002V
KW1.6+ND2V
KW11+F2002V
KW11+ND2V
KW14+F2002V
KW14+F4002V
KW14+ND2V
KW17+F2002V
KW17+F4002V
KW17+ND2V
KW18.5+F2001V
KW18.5+F4001V
KW18.5+ND1V
KW2.2+F2002V
KW2.2+F4002V
KW2.2+ND2V
KW20+F2002V

Axial fan

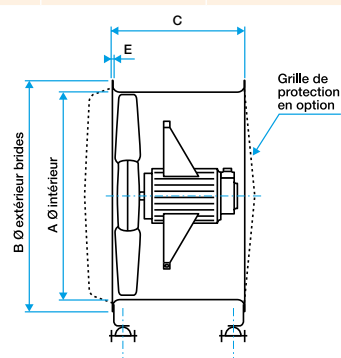
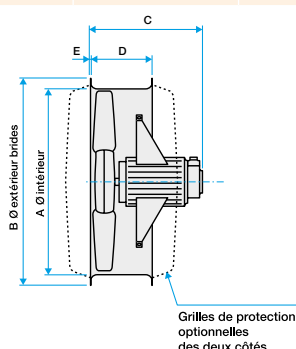
11090506 HELIONE NC-F200-F400 Ø 630

Options

KW20+F4002V
KW20+ND2V
KW3+F2001V
KW3+F4001V
KW3+ND1V
KW3.8+F2002V
KW3.8+F4002V
KW3.8+ND2V
KW30+F2001V
KW30+F2002V
KW30+F4001V
KW30+ND1V
KW35+ND2V
KW37+F2001V
KW37+F2002V
KW37+F4001V
KW37+F4002V
KW37+ND1V
KW37+ND2V
KW4+F2001V
KW4+F4001V
KW4+ND1V
KW44+F2002V
KW44+F4002V
KW44+ND2V
KW45+F2001V
KW45+F4001V
KW45+ND1V
KW5+F2002V
KW5+F4002V
KW5+ND2V
KW5.5+F2001V
KW55+ND2V
KW7.2+F2002V
KW7.2+F4002V
KW7.2+ND2V
KW7.5+F2001V
KW7.5+F4001V
KW7.5+ND1V
KW9.2+ND1V
VIROL2

Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	C long shell (mm)	C short shell (mm)	D short shell (mm)
11090506	630	704	254	540	8	440 / 600 / 675	495 / 595 / 595	254 / 425 / 425



Axial fan

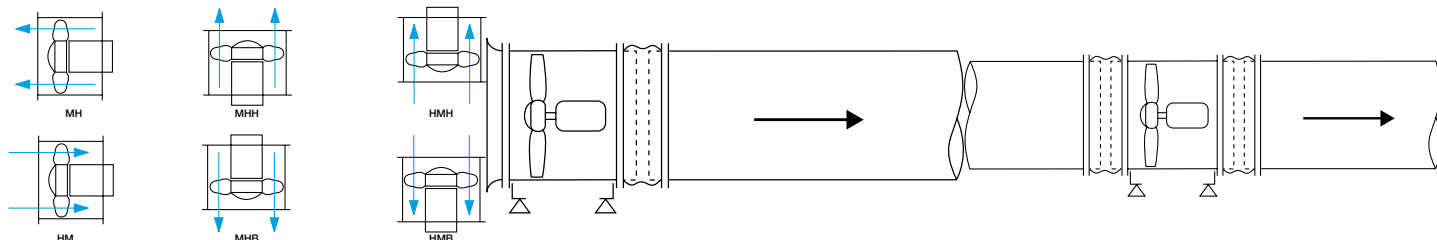
11090506

HELIONE NC-F200-F400 Ø 630

Electrical datas

Variants	Max. current (A)	Max. power	Puissance min (KW)
11090506	41,7	22	0,12

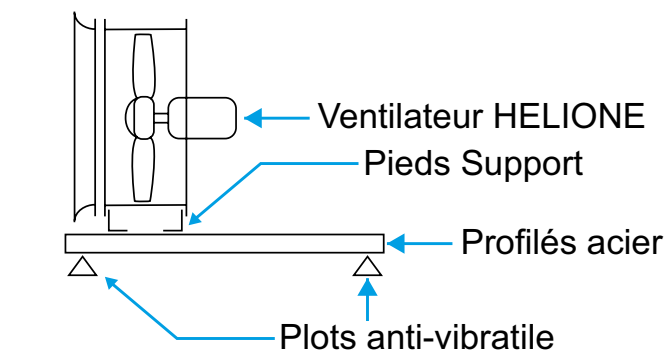
Installation



Mise en oeuvre

gainé de d'un côté, horizontal

gainé de chaque côté, (virole longue)



Montage sur structure avec HELIONE virole courte



Montage axe vertical sur structure

Axial fan**11090507**
HELIONE NC-F200-F400 Ø 710

HELIONE is a range of axial smoke and heat exhaust fans rated F200-120, F400-120 or unclassified.

**PRODUCT BENEFITS**

- range up to 128,000 m³/h,
- wide range for car parks, commercial and industrial premises,
- multiple accessories to facilitate operation.

REGULATIONS AND COMPLIANCES

PV CE number : 1812-CPR-1623

Principles of operation

HELIONE fan units require connection to the ventilation / smoke exhaust circuit to remove stale air and smoke to the outside. They can be controlled by an AXONE safety box or a car park box.

Produktbeskrivelse

The standard HELIONE range varies from Ø 355 to Ø 1 250 mm and can reach airflows from 1,500 to 200,000 m³/h. HELIONE is used for ventilation and/or smoke and heat exhaust in residential areas (car parks, stairwells), non-residential premises (car parks, shops), and industrial buildings. It enables fresh air supply and exhaust as well as intermittent smoke and heat exhaust functions or in locations where acoustic limitations are not predominant. HELIONE combines with multiple accessories to assist its operation.

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- horizontal on floor and against a wall, essential extras:
 - square plate, anti-vibration mountings and feet, flanges and flexible sleeves or grille if not ducted.
- horizontal on floor between two ducts, essential extras:
 - anti-vibration mountings and feet, flanges and flexible sleeves for both sides, long ring for access to motor through access hatch.
- horizontal against a wall, essential extras:
 - reinforced square plate for attachment to wall, flange and flexible sleeve or grille if not ducted.
- vertical suspended under slab or to duct, essential extras:
 - protective screen if access possible or if risk of waste intake,
 - long ring for access to motor if ducted on both sides,
 - gusset bracket option.

Axial fan

11090507

HELIONE NC-F200-F400 Ø 710

Main characteristics

- compliance:
 - certified F400-120 and F200-120,
 - CE compliance: 1812-CPR-1623.
- Ø 355 to Ø 1250 mm, contact us for larger Ø.
- airflow from 1,500 to 120,000 m³/h with pressure values from 100 to 600 Pa,
- impellers:
 - comprise several aluminium blades,
 - fitted on aluminium core,
 - jet angle determined according to operating point.
 - blades: individually X-rayed before assembly to ensure material quality,
- shells:
 - formed from metal sheet,
 - includes drilled rebate flanges for connections,
 - standard = short ring, long ring optional.
- motor attachment arm: hot-dip galvanised for good corrosion resistance,
- motors:
 - bossed,
 - 4 poles or 4/8 poles (2 poles on request),
 - IP55, class F insulation as standard,
 - operating temperature -20/50°C,
 - 60 Hz motor: contact us.

Axial fan

11090507

HELIONE NC-F200-F400 Ø 710

Supplementary characteristics

- installation accessories:
 - flexible sleeve,
 - galvanised steel counter flange to attach Helione to a circular duct,
 - galvanised steel square plate to attach Helione to a wall,
 - galvanised steel support feet (x2) to fasten Helione,
 - anti-vibration mountings (x4) to install under the support feet,
 - non return damper: circular, two galvanised steel flaps,
 - intake nozzle: improved air handling and acoustic performance.
- electrical accessories:
 - proximity switch,
 - pressure switch,
 - safety box see "AXONE micro II".
 - residential car park box
- available options:
 - long shell,
 - gusset brackets for vertical installation,
 - external pre-wired terminal block,
 - protective finish for saline / aggressive environment: hot-dip galvanisation, epoxy powder paint, stainless steel.

Accessories

Description	Variants
Backdraft damper HELIONE Ø 700	11090574
Adapter HELIONE Ø 700	11090535
Fan grille	11090587
Motor grille for short ring fan	11090600
Set of 2 stands HELIONE Ø 700	11090522
Set of 4 pads HELIONE Ø 315 - Ø 800	11090619
Flexible sleeve HELIONE Ø 700	11090548
3-phase 14A autotransformer	11057060
3-phase 2A autotransformer	11086096
3-phase 4A autotransformer	11086097
3-phase 6A autotransformer	11086098
3-phase 8A autotransformer	11086099
Vacuum inlet nozzle HELIONE Ø 700	11090561
Square plate HELIONE Ø 700	11090613

Options

base
3HL/10-10
3HL/12-12
3HL/14-14
3HL/3-6
3HL/4-8
3HL/5-10
3HL/6-12
3HL/6-6
3HL/7-14
3HL/8-8
4Z/12-12
4Z/16-16
4Z/3-9
4Z/5-5
4Z/6-12
4Z/6-9
4Z/7-7
4Z/7-7R

Axial fan

11090507

HELIONE NC-F200-F400 Ø 710

Options

4Z/8-16
4Z/9-9
4ZNAL/3-9
4ZNAL/6-9
4ZNAL/9-9
5Z/12-12
5Z/16-16
5Z/3-9
5Z/5-5
5Z/6-12
5Z/6-9
5Z/8-16
5Z/9-9
6W/10-10
6W/3-6
6W/4-8
6W/5-10
6W/6-6
6W/8-8
9W/10-10
9W/3-6
9W/4-8
9W/5-10
9W/6-6
9W/8-8
GOUSSET
KW0.12
KW0.18
KW0.25
KW0.37
KW0.55
KW0.6
KW0.75+F4001V
KW0.75+ND1V
KW0.8+F4002V
KW0.8+ND2V
KW1.2+F2002V
KW1.2+ND2V
KW1.5+F4002V
KW1.6+F2002V
KW1.6+ND2V
KW11+F2002V
KW11+ND2V
KW14+F2002V
KW14+F4002V
KW14+ND2V
KW17+F2002V
KW17+F4002V
KW17+ND2V
KW18.5+F2001V
KW18.5+F4001V
KW18.5+ND1V
KW2.2+F2002V
KW2.2+F4002V
KW2.2+ND2V
KW20+F2002V

Axial fan

11090507

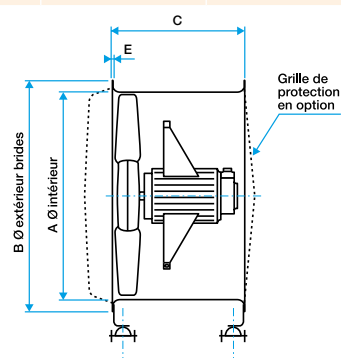
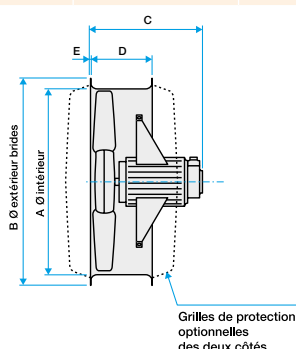
HELIONE NC-F200-F400 Ø 710

Options

KW20+F4002V
KW20+ND2V
KW3+F2001V
KW3+F4001V
KW3+ND1V
KW3.8+F2002V
KW3.8+F4002V
KW3.8+ND2V
KW30+F2001V
KW30+F2002V
KW30+F4001V
KW30+ND1V
KW35+ND2V
KW37+F2001V
KW37+F2002V
KW37+F4001V
KW37+F4002V
KW37+ND1V
KW37+ND2V
KW4+F2001V
KW4+F4001V
KW4+ND1V
KW44+F2002V
KW44+F4002V
KW44+ND2V
KW45+F2001V
KW45+F4001V
KW45+ND1V
KW5+F2002V
KW5+F4002V
KW5+ND2V
KW5.5+F2001V
KW55+ND2V
KW7.2+F2002V
KW7.2+F4002V
KW7.2+ND2V
KW7.5+F2001V
KW7.5+F4001V
KW7.5+ND1V
KW9.2+ND1V
VIROL2

Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	C long shell (mm)	C short shell (mm)	D short shell (mm)
11090507	710	780	254	540	8	440 / 675	485 / 595	254 / 425



Axial fan

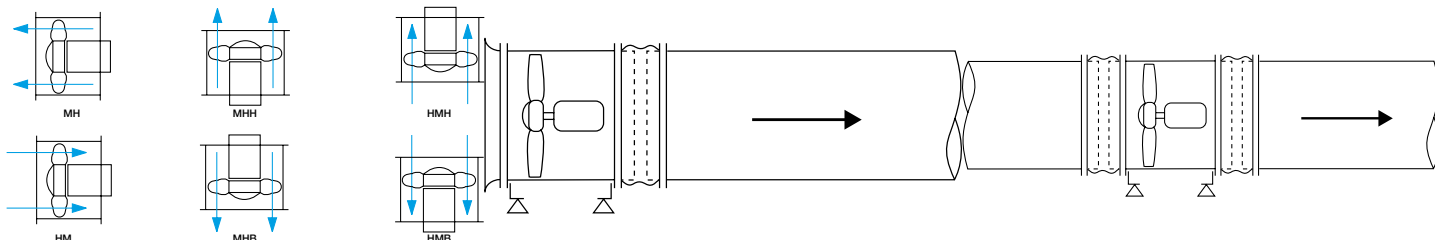
11090507

HELIONE NC-F200-F400 Ø 710

Electrical datas

Variants	Max. current (A)	Max. power	Puissance min (KW)
11090507	29	15	0,55

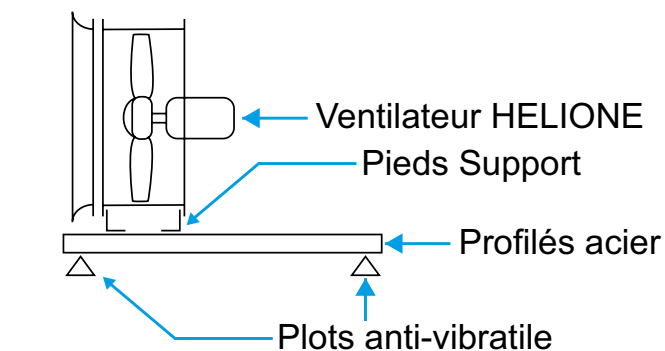
Installation



Mise en oeuvre

gainé de d'un côté, horizontal

gainé de chaque côté, (virole longue)



Montage sur structure avec HELIONE virole courte



Montage axe vertical sur structure

Axial fan

11090508

HELIONE NC-F200-F400 Ø 800

HELIONE is a range of axial smoke and heat exhaust fans rated F200-120, F400-120 or unclassified.



PRODUCT BENEFITS

- range up to 128,000 m³/h,
- wide range for car parks, commercial and industrial premises,
- multiple accessories to facilitate operation.

REGULATIONS AND COMPLIANCES

PV CE number : 1812-CPR-1623

Principles of operation

HELIONE fan units require connection to the ventilation / smoke exhaust circuit to remove stale air and smoke to the outside. They can be controlled by an AXONE safety box or a car park box.

Produktbeskrivelse

The standard HELIONE range varies from Ø 355 to Ø 1 250 mm and can reach airflows from 1,500 to 200,000 m³/h. HELIONE is used for ventilation and/or smoke and heat exhaust in residential areas (car parks, stairwells), non-residential premises (car parks, shops), and industrial buildings. It enables fresh air supply and exhaust as well as intermittent smoke and heat exhaust functions or in locations where acoustic limitations are not predominant. HELIONE combines with multiple accessories to assist its operation.

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- horizontal on floor and against a wall, essential extras:
 - square plate, anti-vibration mountings and feet, flanges and flexible sleeves or grille if not ducted.
- horizontal on floor between two ducts, essential extras:
 - anti-vibration mountings and feet, flanges and flexible sleeves for both sides, long ring for access to motor through access hatch.
- horizontal against a wall, essential extras:
 - reinforced square plate for attachment to wall, flange and flexible sleeve or grille if not ducted.
- vertical suspended under slab or to duct, essential extras:
 - protective screen if access possible or if risk of waste intake,
 - long ring for access to motor if ducted on both sides,
 - gusset bracket option.

Axial fan

11090508

HELIONE NC-F200-F400 Ø 800

Main characteristics

- compliance:
 - certified F400-120 and F200-120,
 - CE compliance: 1812-CPR-1623.
- Ø 355 to Ø 1250 mm, contact us for larger Ø.
- airflow from 1,500 to 120,000 m³/h with pressure values from 100 to 600 Pa,
- impellers:
 - comprise several aluminium blades,
 - fitted on aluminium core,
 - jet angle determined according to operating point.
 - blades: individually X-rayed before assembly to ensure material quality,
- shells:
 - formed from metal sheet,
 - includes drilled rebate flanges for connections,
 - standard = short ring, long ring optional.
- motor attachment arm: hot-dip galvanised for good corrosion resistance,
- motors:
 - bossed,
 - 4 poles or 4/8 poles (2 poles on request),
 - IP55, class F insulation as standard,
 - operating temperature -20/50°C,
 - 60 Hz motor: contact us.

Axial fan

11090508

HELIONE NC-F200-F400 Ø 800

Supplementary characteristics

- installation accessories:
 - flexible sleeve,
 - galvanised steel counter flange to attach Helione to a circular duct,
 - galvanised steel square plate to attach Helione to a wall,
 - galvanised steel support feet (x2) to fasten Helione,
 - anti-vibration mountings (x4) to install under the support feet,
 - non return damper: circular, two galvanised steel flaps,
 - intake nozzle: improved air handling and acoustic performance.
- electrical accessories:
 - proximity switch,
 - pressure switch,
 - safety box see "AXONE micro II".
 - residential car park box
- available options:
 - long shell,
 - gusset brackets for vertical installation,
 - external pre-wired terminal block,
 - protective finish for saline / aggressive environment: hot-dip galvanisation, epoxy powder paint, stainless steel.

Accessories

Description	Variants
Backdraft damper HELIONE Ø 800	11090575
Adapter HELIONE Ø 800	11090536
Fan grille	11090588
Motor grille for short ring fan	11090601
Set of 2 stands HELIONE Ø 800	11090523
Set of 4 pads HELIONE Ø 315 - Ø 800	11090619
Flexible sleeve HELIONE Ø 800	11090549
3-phase 14A autotransformer	11057060
3-phase 2A autotransformer	11086096
3-phase 4A autotransformer	11086097
3-phase 6A autotransformer	11086098
3-phase 8A autotransformer	11086099
Vacuum inlet nozzle HELIONE Ø 800	11090562
Square plate HELIONE Ø 800	11090614

Options

base
3HL/10-10
3HL/12-12
3HL/14-14
3HL/3-6
3HL/4-8
3HL/5-10
3HL/6-12
3HL/6-6
3HL/7-14
3HL/8-8
4Z/12-12
4Z/16-16
4Z/3-9
4Z/5-5
4Z/6-12
4Z/6-9
4Z/7-7
4Z/7-7R

Axial fan

11090508

HELIONE NC-F200-F400 Ø 800

Options

4Z/8-16
4Z/9-9
4ZNAL/3-9
4ZNAL/6-9
4ZNAL/9-9
5Z/12-12
5Z/16-16
5Z/3-9
5Z/5-5
5Z/6-12
5Z/6-9
5Z/8-16
5Z/9-9
6W/10-10
6W/3-6
6W/4-8
6W/5-10
6W/6-6
6W/8-8
9W/10-10
9W/3-6
9W/4-8
9W/5-10
9W/6-6
9W/8-8
GOUSSET
KW0.12
KW0.18
KW0.25
KW0.37
KW0.55
KW0.6
KW0.75+F4001V
KW0.75+ND1V
KW0.8+F4002V
KW0.8+ND2V
KW1.2+F2002V
KW1.2+ND2V
KW1.5+F4002V
KW1.6+F2002V
KW1.6+ND2V
KW11+F2002V
KW11+ND2V
KW14+F2002V
KW14+F4002V
KW14+ND2V
KW17+F2002V
KW17+F4002V
KW17+ND2V
KW18.5+F2001V
KW18.5+F4001V
KW18.5+ND1V
KW2.2+F2002V
KW2.2+F4002V
KW2.2+ND2V
KW20+F2002V

Axial fan

11090508

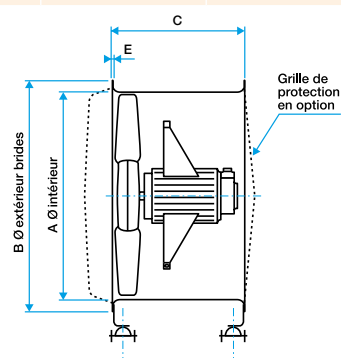
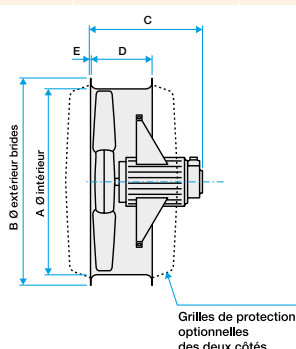
HELIONE NC-F200-F400 Ø 800

Options

KW20+F4002V
KW20+ND2V
KW3+F2001V
KW3+F4001V
KW3+ND1V
KW3.8+F2002V
KW3.8+F4002V
KW3.8+ND2V
KW30+F2001V
KW30+F2002V
KW30+F4001V
KW30+ND1V
KW35+ND2V
KW37+F2001V
KW37+F2002V
KW37+F4001V
KW37+F4002V
KW37+ND1V
KW37+ND2V
KW4+F2001V
KW4+F4001V
KW4+ND1V
KW44+F2002V
KW44+F4002V
KW44+ND2V
KW45+F2001V
KW45+F4001V
KW45+ND1V
KW5+F2002V
KW5+F4002V
KW5+ND2V
KW5.5+F2001V
KW55+ND2V
KW7.2+F2002V
KW7.2+F4002V
KW7.2+ND2V
KW7.5+F2001V
KW7.5+F4001V
KW7.5+ND1V
KW9.2+ND1V
VIROL2

Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	C long shell (mm)	C short shell (mm)	D short shell (mm)
11090508	800	885	254	540	8	440 / 675	485 / 700	254 / 425



Axial fan

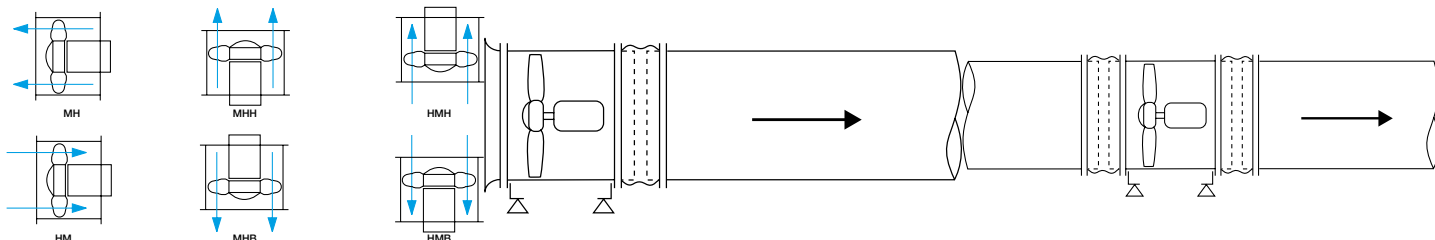
11090508

HELIONE NC-F200-F400 Ø 800

Electrical datas

Variants	Max. current (A)	Max. power	Puissance min (KW)
11090508	29	15	0,55

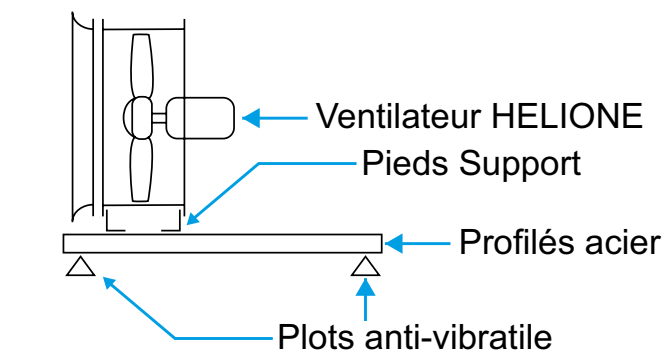
Installation



Mise en oeuvre

gainé de d'un côté, horizontal

gainé de chaque côté, (virole longue)



Montage sur structure avec HELIONE virole courte



Montage axe vertical sur struture

Axial fan

11090509

HELIONE NC-F200-F400 Ø 900

HELIONE is a range of axial smoke and heat exhaust fans rated F200-120, F400-120 or unclassified.



PRODUCT BENEFITS

- range up to 128,000 m³/h,
- wide range for car parks, commercial and industrial premises,
- multiple accessories to facilitate operation.

REGULATIONS AND COMPLIANCES

PV CE number : 1812-CPR-1623

Principles of operation

HELIONE fan units require connection to the ventilation / smoke exhaust circuit to remove stale air and smoke to the outside. They can be controlled by an AXONE safety box or a car park box.

Produktbeskrivelse

The standard HELIONE range varies from Ø 355 to Ø 1 250 mm and can reach airflows from 1,500 to 200,000 m³/h. HELIONE is used for ventilation and/or smoke and heat exhaust in residential areas (car parks, stairwells), non-residential premises (car parks, shops), and industrial buildings. It enables fresh air supply and exhaust as well as intermittent smoke and heat exhaust functions or in locations where acoustic limitations are not predominant. HELIONE combines with multiple accessories to assist its operation.

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- horizontal on floor and against a wall, essential extras:
 - square plate, anti-vibration mountings and feet, flanges and flexible sleeves or grille if not ducted.
- horizontal on floor between two ducts, essential extras:
 - anti-vibration mountings and feet, flanges and flexible sleeves for both sides, long ring for access to motor through access hatch.
- horizontal against a wall, essential extras:
 - reinforced square plate for attachment to wall, flange and flexible sleeve or grille if not ducted.
- vertical suspended under slab or to duct, essential extras:
 - protective screen if access possible or if risk of waste intake,
 - long ring for access to motor if ducted on both sides,
 - gusset bracket option.

Axial fan

11090509

HELIONE NC-F200-F400 Ø 900

Main characteristics

- compliance:
 - certified F400-120 and F200-120,
 - CE compliance: 1812-CPR-1623.
- Ø 355 to Ø 1250 mm, contact us for larger Ø.
- airflow from 1,500 to 120,000 m³/h with pressure values from 100 to 600 Pa,
- impellers:
 - comprise several aluminium blades,
 - fitted on aluminium core,
 - jet angle determined according to operating point.
 - blades: individually X-rayed before assembly to ensure material quality,
- shells:
 - formed from metal sheet,
 - includes drilled rebate flanges for connections,
 - standard = short ring, long ring optional.
- motor attachment arm: hot-dip galvanised for good corrosion resistance,
- motors:
 - bossed,
 - 4 poles or 4/8 poles (2 poles on request),
 - IP55, class F insulation as standard,
 - operating temperature -20/50°C,
 - 60 Hz motor: contact us.

Axial fan

11090509

HELIONE NC-F200-F400 Ø 900

Supplementary characteristics

- installation accessories:
 - flexible sleeve,
 - galvanised steel counter flange to attach Helione to a circular duct,
 - galvanised steel square plate to attach Helione to a wall,
 - galvanised steel support feet (x2) to fasten Helione,
 - anti-vibration mountings (x4) to install under the support feet,
 - non return damper: circular, two galvanised steel flaps,
 - intake nozzle: improved air handling and acoustic performance.
- electrical accessories:
 - proximity switch,
 - pressure switch,
 - safety box see "AXONE micro II".
 - residential car park box
- available options:
 - long shell,
 - gusset brackets for vertical installation,
 - external pre-wired terminal block,
 - protective finish for saline / aggressive environment: hot-dip galvanisation, epoxy powder paint, stainless steel.

Accessories

Description	Variants
Backdraft damper HELIONE Ø 900	11090576
Adapter HELIONE Ø 900	11090537
Fan grille	11090589
Motor grille for short ring fan	11090602
Set of 2 stands HELIONE Ø 900	11090524
Set of 4 pads HELIONE Ø 900 - Ø 1250	11090620
Flexible sleeve HELIONE Ø 900	11090550
3-phase 14A autotransformer	11057060
3-phase 2A autotransformer	11086096
3-phase 4A autotransformer	11086097
3-phase 6A autotransformer	11086098
3-phase 8A autotransformer	11086099
Vacuum inlet nozzle HELIONE Ø 900	11090563
Square plate HELIONE Ø 900	11090615

Options

base
3HL/10-10
3HL/12-12
3HL/14-14
3HL/3-6
3HL/4-8
3HL/5-10
3HL/6-12
3HL/6-6
3HL/7-14
3HL/8-8
4Z/12-12
4Z/16-16
4Z/3-9
4Z/5-5
4Z/6-12
4Z/6-9
4Z/7-7
4Z/7-7R

Axial fan

11090509

HELIONE NC-F200-F400 Ø 900

Options

4Z/8-16
4Z/9-9
4ZNAL/3-9
4ZNAL/6-9
4ZNAL/9-9
5Z/12-12
5Z/16-16
5Z/3-9
5Z/5-5
5Z/6-12
5Z/6-9
5Z/8-16
5Z/9-9
6W/10-10
6W/3-6
6W/4-8
6W/5-10
6W/6-6
6W/8-8
9W/10-10
9W/3-6
9W/4-8
9W/5-10
9W/6-6
9W/8-8
GOUSSET
KW0.12
KW0.18
KW0.25
KW0.37
KW0.55
KW0.6
KW0.75+F4001V
KW0.75+ND1V
KW0.8+F4002V
KW0.8+ND2V
KW1.2+F2002V
KW1.2+ND2V
KW1.5+F4002V
KW1.6+F2002V
KW1.6+ND2V
KW11+F2002V
KW11+ND2V
KW14+F2002V
KW14+F4002V
KW14+ND2V
KW17+F2002V
KW17+F4002V
KW17+ND2V
KW18.5+F2001V
KW18.5+F4001V
KW18.5+ND1V
KW2.2+F2002V
KW2.2+F4002V
KW2.2+ND2V
KW20+F2002V

Axial fan

11090509

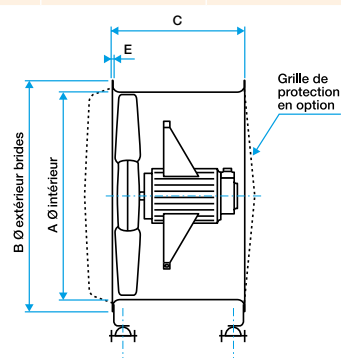
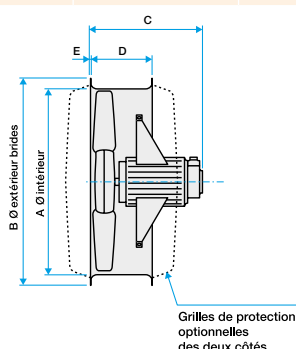
HELIONE NC-F200-F400 Ø 900

Options

KW20+F4002V
KW20+ND2V
KW3+F2001V
KW3+F4001V
KW3+ND1V
KW3.8+F2002V
KW3.8+F4002V
KW3.8+ND2V
KW30+F2001V
KW30+F2002V
KW30+F4001V
KW30+ND1V
KW35+ND2V
KW37+F2001V
KW37+F2002V
KW37+F4001V
KW37+F4002V
KW37+ND1V
KW37+ND2V
KW4+F2001V
KW4+F4001V
KW4+ND1V
KW44+F2002V
KW44+F4002V
KW44+ND2V
KW45+F2001V
KW45+F4001V
KW45+ND1V
KW5+F2002V
KW5+F4002V
KW5+ND2V
KW5.5+F2001V
KW55+ND2V
KW7.2+F2002V
KW7.2+F4002V
KW7.2+ND2V
KW7.5+F2001V
KW7.5+F4001V
KW7.5+ND1V
KW9.2+ND1V
VIROL2

Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	C long shell (mm)	C short shell (mm)	D short shell (mm)
11090509	900	990	254	540	8	675 / 800	745 / 745	425 / 425



Axial fan

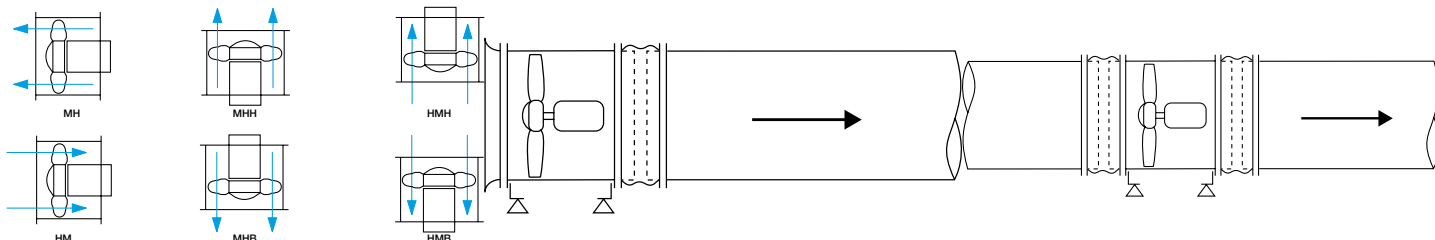
11090509

HELIONE NC-F200-F400 Ø 900

Electrical datas

Variants	Max. current (A)	Max. power	Puissance min (KW)
11090509	41,7	22	0,75

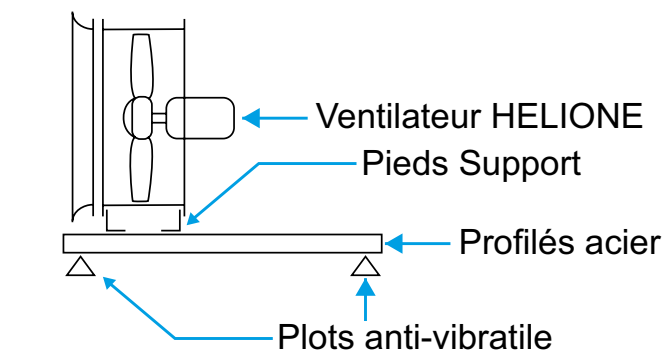
Installation



Mise en oeuvre

gainé de d'un côté, horizontal

gainé de chaque côté, (virole longue)



Montage sur structure avec HELIONE virole courte



Montage axe vertical sur structure

Ventilateur hélicoïde

11090510

HELIONE NC-F200-F400 Ø 1000

HELIONE is a range of axial smoke and heat exhaust fans rated F200-120, F400-120 or unclassified.



PRODUCT BENEFITS

- range up to 128,000 m³/h,
- wide range for car parks, commercial and industrial premises,
- multiple accessories to facilitate operation.

REGULATIONS AND COMPLIANCES

PV CE number : 1812-CPR-1623

Principles of operation

HELIONE fan units require connection to the ventilation / smoke exhaust circuit to remove stale air and smoke to the outside. They can be controlled by an AXONE safety box or a car park box.

Product description

The standard HELIONE range varies from Ø 355 to Ø 1 250 mm and can reach airflows from 1,500 to 200,000 m³/h. HELIONE is used for ventilation and/or smoke and heat exhaust in residential areas (car parks, stairwells), non-residential premises (car parks, shops), and industrial buildings. It enables fresh air supply and exhaust as well as intermittent smoke and heat exhaust functions or in locations where acoustic limitations are not predominant. HELIONE combines with multiple accessories to assist its operation.

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- horizontal on floor and against a wall, essential extras:
 - square plate, anti-vibration mountings and feet, flanges and flexible sleeves or grille if not ducted.
- horizontal on floor between two ducts, essential extras:
 - anti-vibration mountings and feet, flanges and flexible sleeves for both sides, long ring for access to motor through access hatch.
- horizontal against a wall, essential extras:
 - reinforced square plate for attachment to wall, flange and flexible sleeve or grille if not ducted.
- vertical suspended under slab or to duct, essential extras:
 - protective screen if access possible or if risk of waste intake,
 - long ring for access to motor if ducted on both sides,
 - gusset bracket option.

Ventilateur hélicoïde

11090510

HELIONE NC-F200-F400 Ø 1000

Main characteristics

- compliance:
 - certified F400-120 and F200-120,
 - CE compliance: 1812-CPR-1623.
- Ø 355 to Ø 1250 mm, contact us for larger Ø.
- airflow from 1,500 to 120,000 m³/h with pressure values from 100 to 600 Pa,
- impellers:
 - comprise several aluminium blades,
 - fitted on aluminium core,
 - jet angle determined according to operating point.
 - blades: individually X-rayed before assembly to ensure material quality,
- shells:
 - formed from metal sheet,
 - includes drilled rebate flanges for connections,
 - standard = short ring, long ring optional.
- motor attachment arm: hot-dip galvanised for good corrosion resistance,
- motors:
 - bossed,
 - 4 poles or 4/8 poles (2 poles on request),
 - IP55, class F insulation as standard,
 - operating temperature -20/50°C,
 - 60 Hz motor: contact us.

Ventilateur hélicoïde

11090510

HELIONE NC-F200-F400 Ø 1000

Supplementary characteristics

- installation accessories:
 - flexible sleeve,
 - galvanised steel counter flange to attach Helione to a circular duct,
 - galvanised steel square plate to attach Helione to a wall,
 - galvanised steel support feet (x2) to fasten Helione,
 - anti-vibration mountings (x4) to install under the support feet,
 - non return damper: circular, two galvanised steel flaps,
 - intake nozzle: improved air handling and acoustic performance.
- electrical accessories:
 - proximity switch,
 - pressure switch,
 - safety box see "AXONE micro II".
 - residential car park box
- available options:
 - long shell,
 - gusset brackets for vertical installation,
 - external pre-wired terminal block,
 - protective finish for saline / aggressive environment: hot-dip galvanisation, epoxy powder paint, stainless steel.

Accessories

Description	Variants
Backdraft damper HELIONE Ø 1000	11090577
Adapter HELIONE Ø 1000	11090538
Fan grille	11090590
Motor grille for short ring fan	11090603
Set of 2 stands HELIONE Ø 1000	11090525
Set of 4 pads HELIONE Ø 900 - Ø 1250	11090620
Flexible sleeve HELIONE Ø 1000	11090551
3-phase 14A autotransformer	11057060
3-phase 2A autotransformer	11086096
3-phase 4A autotransformer	11086097
3-phase 6A autotransformer	11086098
3-phase 8A autotransformer	11086099
Vacuum inlet nozzle HELIONE Ø 1000	11090564
Square plate HELIONE Ø 1000	11090616

Options

base
3HL/10-10
3HL/12-12
3HL/14-14
3HL/3-6
3HL/4-8
3HL/5-10
3HL/6-12
3HL/6-6
3HL/7-14
3HL/8-8
4Z/12-12
4Z/16-16
4Z/3-9
4Z/5-5
4Z/6-12
4Z/6-9
4Z/7-7
4Z/7-7R

Ventilateur hélicoïde

11090510

HELIONE NC-F200-F400 Ø 1000

Options

4Z/8-16
4Z/9-9
4ZNAL/3-9
4ZNAL/6-9
4ZNAL/9-9
5Z/12-12
5Z/16-16
5Z/3-9
5Z/5-5
5Z/6-12
5Z/6-9
5Z/8-16
5Z/9-9
6W/10-10
6W/3-6
6W/4-8
6W/5-10
6W/6-6
6W/8-8
9W/10-10
9W/3-6
9W/4-8
9W/5-10
9W/6-6
9W/8-8
GOUSSET
KW0.12
KW0.18
KW0.25
KW0.37
KW0.55
KW0.6
KW0.75+F4001V
KW0.75+ND1V
KW0.8+F4002V
KW0.8+ND2V
KW1.2+F2002V
KW1.2+ND2V
KW1.5+F4002V
KW1.6+F2002V
KW1.6+ND2V
KW11+F2002V
KW11+ND2V
KW14+F2002V
KW14+F4002V
KW14+ND2V
KW17+F2002V
KW17+F4002V
KW17+ND2V
KW18.5+F2001V
KW18.5+F4001V
KW18.5+ND1V
KW2.2+F2002V
KW2.2+F4002V
KW2.2+ND2V
KW20+F2002V

Ventilateur hélicoïde

11090510

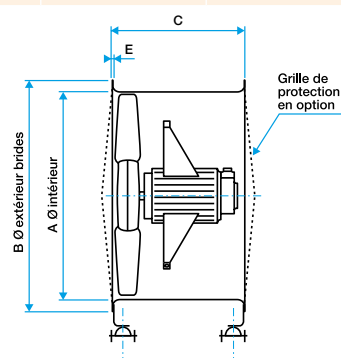
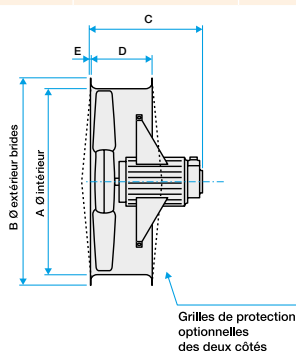
HELIONE NC-F200-F400 Ø 1000

Options

KW20+F4002V
KW20+ND2V
KW3+F2001V
KW3+F4001V
KW3+ND1V
KW3.8+F2002V
KW3.8+F4002V
KW3.8+ND2V
KW30+F2001V
KW30+F2002V
KW30+F4001V
KW30+ND1V
KW35+ND2V
KW37+F2001V
KW37+F2002V
KW37+F4001V
KW37+F4002V
KW37+ND1V
KW37+ND2V
KW4+F2001V
KW4+F4001V
KW4+ND1V
KW44+F2002V
KW44+F4002V
KW44+ND2V
KW45+F2001V
KW45+F4001V
KW45+ND1V
KW5+F2002V
KW5+F4002V
KW5+ND2V
KW5.5+F2001V
KW55+ND2V
KW7.2+F2002V
KW7.2+F4002V
KW7.2+ND2V
KW7.5+F2001V
KW7.5+F4001V
KW7.5+ND1V
KW9.2+ND1V
VIROL2

Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	C long shell (mm)	C short shell (mm)	D short shell (mm)
11090510	1000	1090	254	540	8	675 / 800 / 865	755 / 755 / 860	425 / 425 / 600



Ventilateur hélicoïde

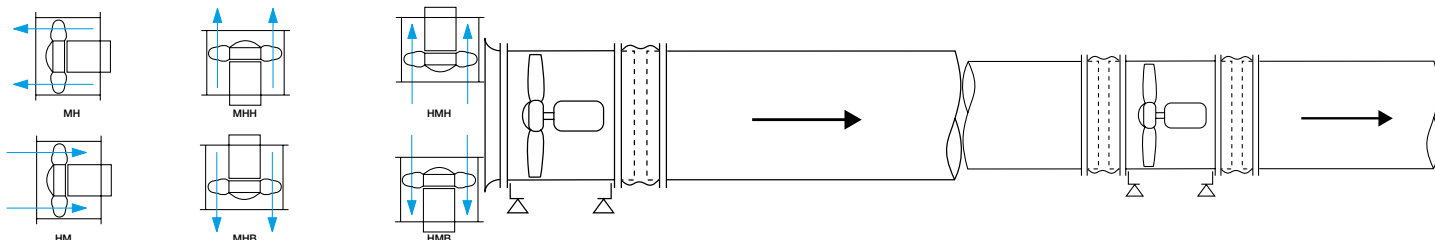
11090510

HELIONE NC-F200-F400 Ø 1000

Electrical datas

Variants	Max. power	Max. current (A)	Puissance min (KW)
11090510	35	66,8	0,75

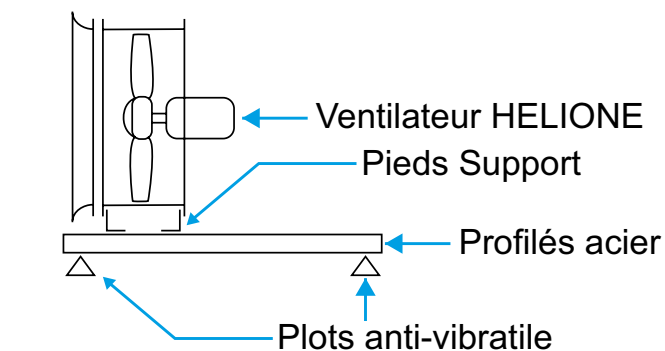
Installation



Mise en oeuvre

gainé que d'un côté, horizontal

gainé de chaque côté, (virole longue)



Montage sur structure avec HELIONE virole courte



Montage axe vertical sur struture

Ventilateur hélicoïde

11090511
HELIONE NC-F200-F400 Ø 1120

HELIONE is a range of axial smoke and heat exhaust fans rated F200-120, F400-120 or unclassified.



PRODUCT BENEFITS

- range up to 128,000 m³/h,
- wide range for car parks, commercial and industrial premises,
- multiple accessories to facilitate operation.

REGULATIONS AND COMPLIANCES

PV CE number : 1812-CPR-1623

Principles of operation

HELIONE fan units require connection to the ventilation / smoke exhaust circuit to remove stale air and smoke to the outside. They can be controlled by an AXONE safety box or a car park box.

Product description

The standard HELIONE range varies from Ø 355 to Ø 1 250 mm and can reach airflows from 1,500 to 200,000 m³/h. HELIONE is used for ventilation and/or smoke and heat exhaust in residential areas (car parks, stairwells), non-residential premises (car parks, shops), and industrial buildings. It enables fresh air supply and exhaust as well as intermittent smoke and heat exhaust functions or in locations where acoustic limitations are not predominant. HELIONE combines with multiple accessories to assist its operation.

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- horizontal on floor and against a wall, essential extras:
 - square plate, anti-vibration mountings and feet, flanges and flexible sleeves or grille if not ducted.
- horizontal on floor between two ducts, essential extras:
 - anti-vibration mountings and feet, flanges and flexible sleeves for both sides, long ring for access to motor through access hatch.
- horizontal against a wall, essential extras:
 - reinforced square plate for attachment to wall, flange and flexible sleeve or grille if not ducted.
- vertical suspended under slab or to duct, essential extras:
 - protective screen if access possible or if risk of waste intake,
 - long ring for access to motor if ducted on both sides,
 - gusset bracket option.

Ventilateur hélicoïde

11090511

HELIONE NC-F200-F400 Ø 1120

Main characteristics

- compliance:
 - certified F400-120 and F200-120,
 - CE compliance: 1812-CPR-1623.
- Ø 355 to Ø 1250 mm, contact us for larger Ø.
- airflow from 1,500 to 120,000 m³/h with pressure values from 100 to 600 Pa,
- impellers:
 - comprise several aluminium blades,
 - fitted on aluminium core,
 - jet angle determined according to operating point.
 - blades: individually X-rayed before assembly to ensure material quality,
- shells:
 - formed from metal sheet,
 - includes drilled rebate flanges for connections,
 - standard = short ring, long ring optional.
- motor attachment arm: hot-dip galvanised for good corrosion resistance,
- motors:
 - bossed,
 - 4 poles or 4/8 poles (2 poles on request),
 - IP55, class F insulation as standard,
 - operating temperature -20/50°C,
 - 60 Hz motor: contact us.

Ventilateur hélicoïde

11090511

HELIONE NC-F200-F400 Ø 1120

Supplementary characteristics

- installation accessories:
 - flexible sleeve,
 - galvanised steel counter flange to attach Helione to a circular duct,
 - galvanised steel square plate to attach Helione to a wall,
 - galvanised steel support feet (x2) to fasten Helione,
 - anti-vibration mountings (x4) to install under the support feet,
 - non return damper: circular, two galvanised steel flaps,
 - intake nozzle: improved air handling and acoustic performance.
- electrical accessories:
 - proximity switch,
 - pressure switch,
 - safety box see "AXONE micro II".
 - residential car park box
- available options:
 - long shell,
 - gusset brackets for vertical installation,
 - external pre-wired terminal block,
 - protective finish for saline / aggressive environment: hot-dip galvanisation, epoxy powder paint, stainless steel.

Accessories

Description	Variants
Backdraft damper HELIONE Ø 1120	11090578
Adapter HELIONE Ø 1120	11090539
Fan grille	11090591
Motor grille for short ring fan	11090604
Set of 2 stands HELIONE Ø 1120	11090526
Set of 4 pads HELIONE Ø 900 - Ø 1250	11090620
Flexible sleeve HELIONE Ø 1120	11090552
3-phase 14A autotransformer	11057060
3-phase 2A autotransformer	11086096
3-phase 4A autotransformer	11086097
3-phase 6A autotransformer	11086098
3-phase 8A autotransformer	11086099
Vacuum inlet nozzle HELIONE Ø 1120	11090565
Square plate HELIONE Ø 1120	11090617

Options

base
3HL/10-10
3HL/12-12
3HL/14-14
3HL/3-6
3HL/4-8
3HL/5-10
3HL/6-12
3HL/6-6
3HL/7-14
3HL/8-8
4Z/12-12
4Z/16-16
4Z/3-9
4Z/5-5
4Z/6-12
4Z/6-9
4Z/7-7
4Z/7-7R

Ventilateur hélicoïde

11090511

HELIONE NC-F200-F400 Ø 1120

Options

4Z/8-16
4Z/9-9
4ZNAL/3-9
4ZNAL/6-9
4ZNAL/9-9
5Z/12-12
5Z/16-16
5Z/3-9
5Z/5-5
5Z/6-12
5Z/6-9
5Z/8-16
5Z/9-9
6W/10-10
6W/3-6
6W/4-8
6W/5-10
6W/6-6
6W/8-8
9W/10-10
9W/3-6
9W/4-8
9W/5-10
9W/6-6
9W/8-8
GOUSSET
KW0.12
KW0.18
KW0.25
KW0.37
KW0.55
KW0.6
KW0.75+F4001V
KW0.75+ND1V
KW0.8+F4002V
KW0.8+ND2V
KW1.2+F2002V
KW1.2+ND2V
KW1.5+F4002V
KW1.6+F2002V
KW1.6+ND2V
KW11+F2002V
KW11+ND2V
KW14+F2002V
KW14+F4002V
KW14+ND2V
KW17+F2002V
KW17+F4002V
KW17+ND2V
KW18.5+F2001V
KW18.5+F4001V
KW18.5+ND1V
KW2.2+F2002V
KW2.2+F4002V
KW2.2+ND2V
KW20+F2002V

Ventilateur hélicoïde

11090511

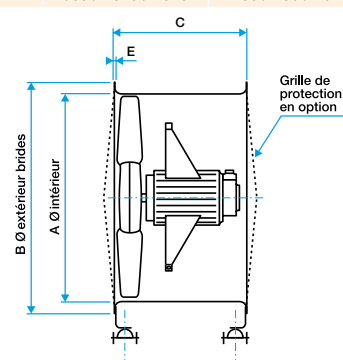
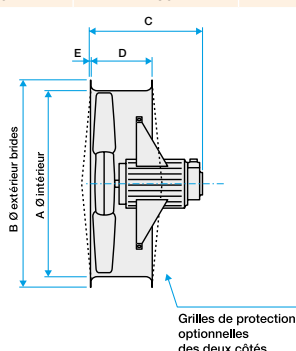
HELIONE NC-F200-F400 Ø 1120

Options

KW20+F4002V
KW20+ND2V
KW3+F2001V
KW3+F4001V
KW3+ND1V
KW3.8+F2002V
KW3.8+F4002V
KW3.8+ND2V
KW30+F2001V
KW30+F2002V
KW30+F4001V
KW30+ND1V
KW35+ND2V
KW37+F2001V
KW37+F2002V
KW37+F4001V
KW37+F4002V
KW37+ND1V
KW37+ND2V
KW4+F2001V
KW4+F4001V
KW4+ND1V
KW44+F2002V
KW44+F4002V
KW44+ND2V
KW45+F2001V
KW45+F4001V
KW45+ND1V
KW5+F2002V
KW5+F4002V
KW5+ND2V
KW5.5+F2001V
KW55+ND2V
KW7.2+F2002V
KW7.2+F4002V
KW7.2+ND2V
KW7.5+F2001V
KW7.5+F4001V
KW7.5+ND1V
KW9.2+ND1V
VIROL2

Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	C long shell (mm)	C short shell (mm)	D short shell (mm)
11090511	1120	1230	254	540	8	800 / 1010 / 1010	760 / 760 / 1040	465 / 665 / 800



Ventilateur hélicoïde

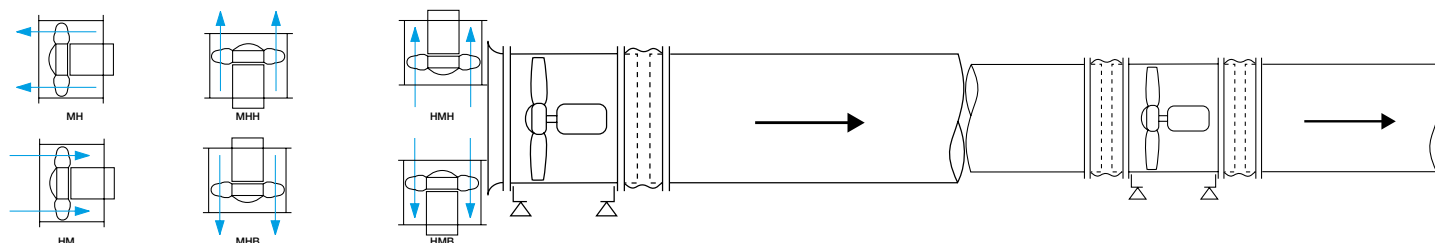
11090511

HELIONE NC-F200-F400 Ø 1120

Electrical datas

Variants	Max. power	Max. current (A)	Puissance min (KW)
11090511	55	98,6	2,2

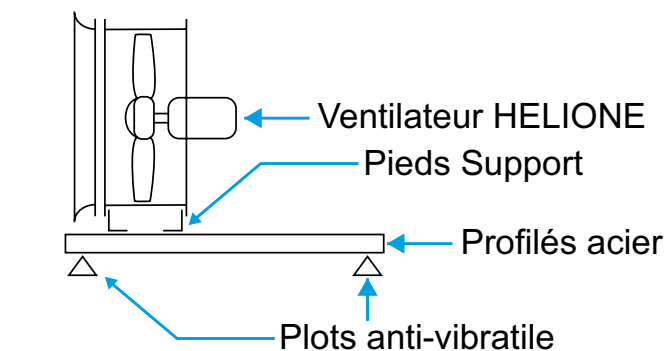
Installation



Mise en oeuvre

gainé que d'un côté, horizontal

gainé de chaque côté, (virole longue)



Montage sur structure avec HELIONE virole courte



Montage axe vertical sur struture

Ventilateur hélicoïde

11090512
HELIONE NC-F200-F400 Ø 1250

HELIONE is a range of axial smoke and heat exhaust fans rated F200-120, F400-120 or unclassified.



PRODUCT BENEFITS

- range up to 128,000 m³/h,
- wide range for car parks, commercial and industrial premises,
- multiple accessories to facilitate operation.

REGULATIONS AND COMPLIANCES

PV CE number : 1812-CPR-1623

Principles of operation

HELIONE fan units require connection to the ventilation / smoke exhaust circuit to remove stale air and smoke to the outside. They can be controlled by an AXONE safety box or a car park box.

Product description

The standard HELIONE range varies from Ø 355 to Ø 1 250 mm and can reach airflows from 1,500 to 200,000 m³/h. HELIONE is used for ventilation and/or smoke and heat exhaust in residential areas (car parks, stairwells), non-residential premises (car parks, shops), and industrial buildings. It enables fresh air supply and exhaust as well as intermittent smoke and heat exhaust functions or in locations where acoustic limitations are not predominant. HELIONE combines with multiple accessories to assist its operation.

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- horizontal on floor and against a wall, essential extras:
 - square plate, anti-vibration mountings and feet, flanges and flexible sleeves or grille if not ducted.
- horizontal on floor between two ducts, essential extras:
 - anti-vibration mountings and feet, flanges and flexible sleeves for both sides, long ring for access to motor through access hatch.
- horizontal against a wall, essential extras:
 - reinforced square plate for attachment to wall, flange and flexible sleeve or grille if not ducted.
- vertical suspended under slab or to duct, essential extras:
 - protective screen if access possible or if risk of waste intake,
 - long ring for access to motor if ducted on both sides,
 - gusset bracket option.

Ventilateur hélicoïde

11090512

HELIONE NC-F200-F400 Ø 1250

Main characteristics

- compliance:
 - certified F400-120 and F200-120,
 - CE compliance: 1812-CPR-1623.
- Ø 355 to Ø 1250 mm, contact us for larger Ø.
- airflow from 1,500 to 120,000 m³/h with pressure values from 100 to 600 Pa,
- impellers:
 - comprise several aluminium blades,
 - fitted on aluminium core,
 - jet angle determined according to operating point.
 - blades: individually X-rayed before assembly to ensure material quality,
- shells:
 - formed from metal sheet,
 - includes drilled rebate flanges for connections,
 - standard = short ring, long ring optional.
- motor attachment arm: hot-dip galvanised for good corrosion resistance,
- motors:
 - bossed,
 - 4 poles or 4/8 poles (2 poles on request),
 - IP55, class F insulation as standard,
 - operating temperature -20/50°C,
 - 60 Hz motor: contact us.

Ventilateur hélicoïde

11090512

HELIONE NC-F200-F400 Ø 1250

Supplementary characteristics

- installation accessories:
 - flexible sleeve,
 - galvanised steel counter flange to attach Helione to a circular duct,
 - galvanised steel square plate to attach Helione to a wall,
 - galvanised steel support feet (x2) to fasten Helione,
 - anti-vibration mountings (x4) to install under the support feet,
 - non return damper: circular, two galvanised steel flaps,
 - intake nozzle: improved air handling and acoustic performance.
- electrical accessories:
 - proximity switch,
 - pressure switch,
 - safety box see "AXONE micro II".
 - residential car park box
- available options:
 - long shell,
 - gusset brackets for vertical installation,
 - external pre-wired terminal block,
 - protective finish for saline / aggressive environment: hot-dip galvanisation, epoxy powder paint, stainless steel.

Accessories

Description	Variants
Backdraft damper HELIONE Ø 1250	11090579
Adapter HELIONE Ø 1250	11090540
Fan grille	11090592
Motor grille for short ring fan	11090605
Set of 2 stands HELIONE Ø 1250	11090527
Set of 4 pads HELIONE Ø 900 - Ø 1250	11090620
Flexible sleeve HELIONE Ø 1250	11090553
3-phase 14A autotransformer	11057060
3-phase 2A autotransformer	11086096
3-phase 4A autotransformer	11086097
3-phase 6A autotransformer	11086098
3-phase 8A autotransformer	11086099
Vacuum inlet nozzle HELIONE Ø 1250	11090566
Square plate HELIONE Ø 1250	11090618

Options

base
3HL/10-10
3HL/12-12
3HL/14-14
3HL/3-6
3HL/4-8
3HL/5-10
3HL/6-12
3HL/6-6
3HL/7-14
3HL/8-8
4Z/12-12
4Z/16-16
4Z/3-9
4Z/5-5
4Z/6-12
4Z/6-9
4Z/7-7
4Z/7-7R

Ventilateur hélicoïde

11090512

HELIONE NC-F200-F400 Ø 1250

Options

4Z/8-16
4Z/9-9
4ZNAL/3-9
4ZNAL/6-9
4ZNAL/9-9
5Z/12-12
5Z/16-16
5Z/3-9
5Z/5-5
5Z/6-12
5Z/6-9
5Z/8-16
5Z/9-9
6W/10-10
6W/3-6
6W/4-8
6W/5-10
6W/6-6
6W/8-8
9W/10-10
9W/3-6
9W/4-8
9W/5-10
9W/6-6
9W/8-8
GOUSSET
KW0.12
KW0.18
KW0.25
KW0.37
KW0.55
KW0.6
KW0.75+F4001V
KW0.75+ND1V
KW0.8+F4002V
KW0.8+ND2V
KW1.2+F2002V
KW1.2+ND2V
KW1.5+F4002V
KW1.6+F2002V
KW1.6+ND2V
KW11+F2002V
KW11+ND2V
KW14+F2002V
KW14+F4002V
KW14+ND2V
KW17+F2002V
KW17+F4002V
KW17+ND2V
KW18.5+F2001V
KW18.5+F4001V
KW18.5+ND1V
KW2.2+F2002V
KW2.2+F4002V
KW2.2+ND2V
KW20+F2002V

Ventilateur hélicoïde

11090512

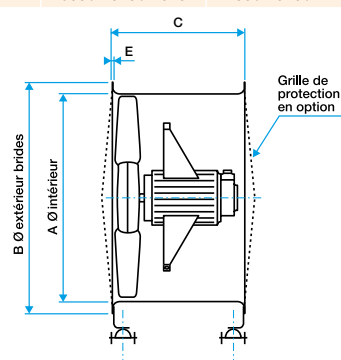
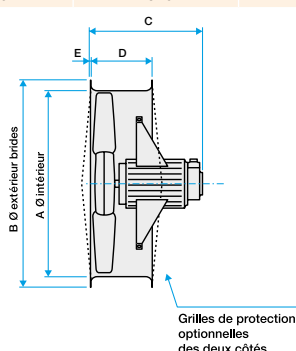
HELIONE NC-F200-F400 Ø 1250

Options

KW20+F4002V
KW20+ND2V
KW3+F2001V
KW3+F4001V
KW3+ND1V
KW3.8+F2002V
KW3.8+F4002V
KW3.8+ND2V
KW30+F2001V
KW30+F2002V
KW30+F4001V
KW30+ND1V
KW35+ND2V
KW37+F2001V
KW37+F2002V
KW37+F4001V
KW37+F4002V
KW37+ND1V
KW37+ND2V
KW4+F2001V
KW4+F4001V
KW4+ND1V
KW44+F2002V
KW44+F4002V
KW44+ND2V
KW45+F2001V
KW45+F4001V
KW45+ND1V
KW5+F2002V
KW5+F4002V
KW5+ND2V
KW5.5+F2001V
KW55+ND2V
KW7.2+F2002V
KW7.2+F4002V
KW7.2+ND2V
KW7.5+F2001V
KW7.5+F4001V
KW7.5+ND1V
KW9.2+ND1V
VIROL2

Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	C long shell (mm)	C short shell (mm)	D short shell (mm)
11090512	1250	1375	254	540	8	800 / 1010 / 1010	760 / 1010 / 1215	465 / 665 / 800



Ventilateur hélicoïde

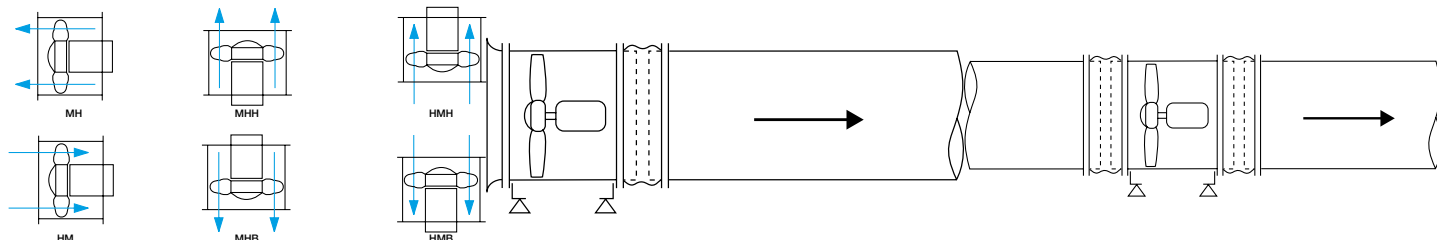
11090512

HELIONE NC-F200-F400 Ø 1250

Electrical datas

Variants	Max. power	Max. current (A)	Puissance min (KW)
11090512	55	98,6	2,2

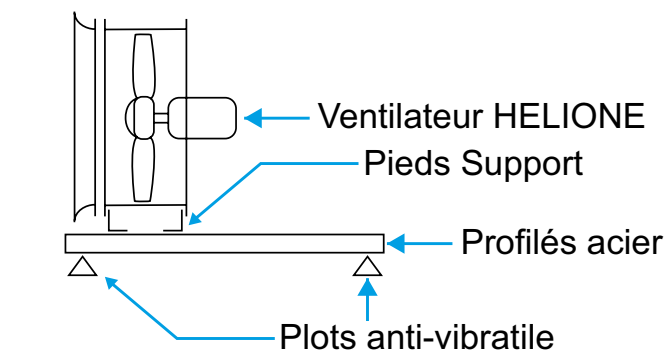
Installation



Mise en oeuvre

gainé que d'un côté, horizontal

gainé de chaque côté, (virole longue)



Montage sur structure avec HELIONE virole courte



Montage axe vertical sur struture