SILVER

Air Handling Unit

Product catalog

Sizing, installation, dimensions and weights SILVER PX & SILVER CX

The charts and tables in this documentation are intended for use as a general survey.

Exact sizing can be carried out in the AHU Design air handling unit selection program.

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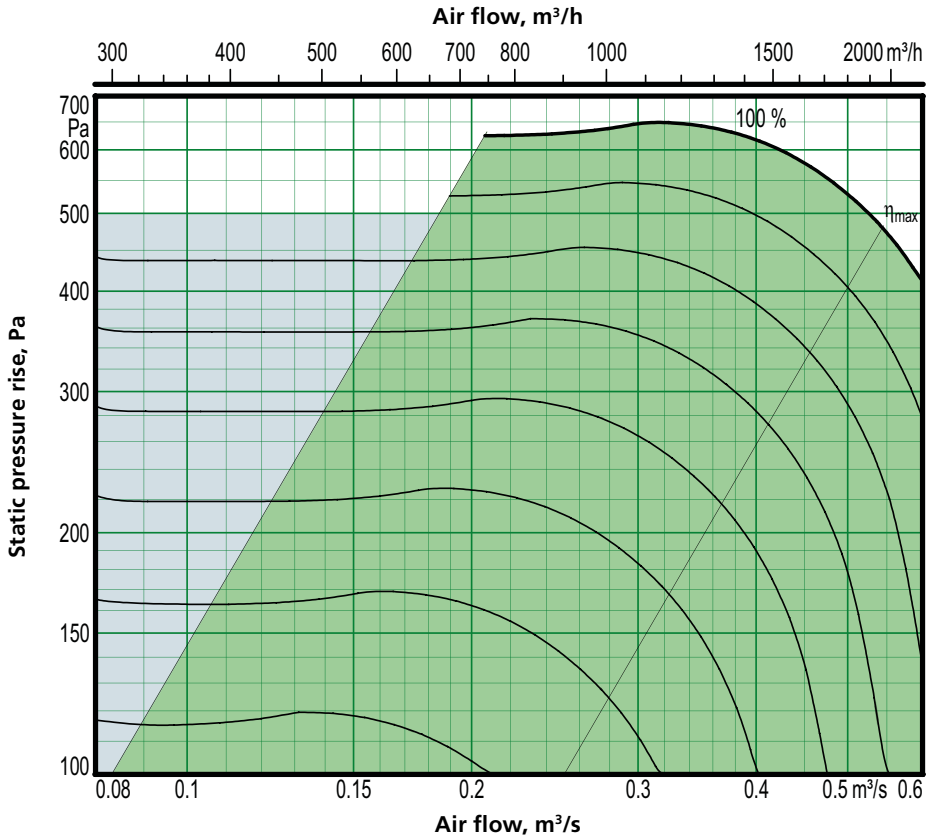
Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 004



Motor shaft power: 1.15 kW (0.41 kW)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
004	288	0.08	1620	0.45

Exact sizing can be carried out in the AHU Design air handling unit selection program

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 004, common casing

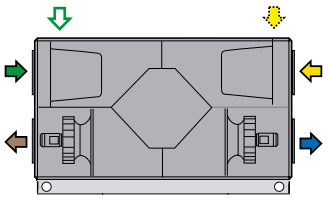
Delivery and transport within the site

The SILVER PX 004 is produced in one single variant. All of its components are arranged at their given physical locations inside the air handling unit.

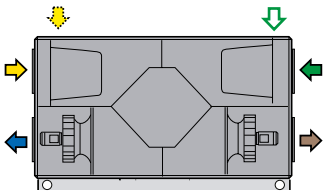
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

The air handling unit is supplied on a wooden pallet.

The set of support legs, for mounting the base beams, is available as an accessory.



Right-hand version



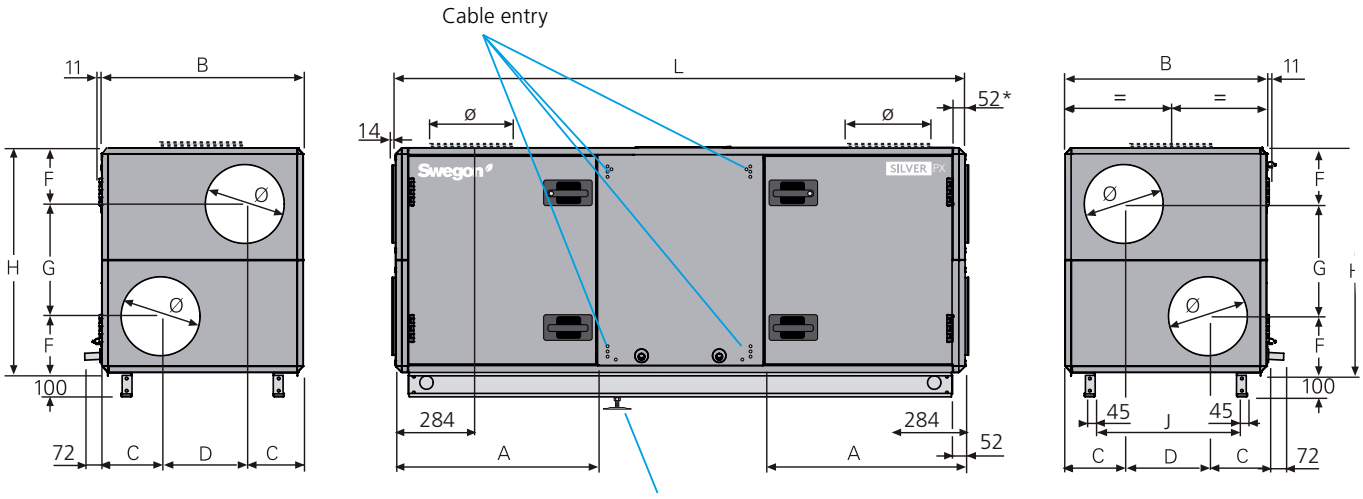
Left-hand version

Duct connection options

A: Specify right-hand or left-hand version when ordering.

B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (Does not apply to units installed outdoors).

Outdoor air Supply air Extract air Exhaust air



If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

Size	A	B	C	D	F	G	H	J	L	Ø	Weight, kg
004	822	825	240	345	230	460	920	579	2333	315	349-387

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

Rated data per fan

Motor shaft power: 1.15 kW (0.41 kW)*,
motor control system: 1 x 230 V, 50 Hz, rated 2.3 A

**The motor control system limits the power of the take-off to the value specified.*

Sizing, installation, dimensions and weights

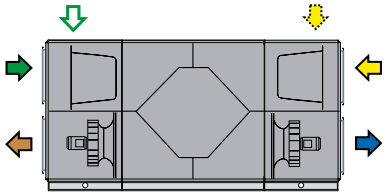
SILVER PX, counterflow heat exchanger, size 004, split version

Delivery and transport within the site

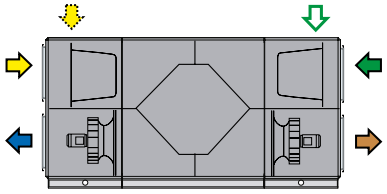
The SILVER PX 004 can be supplied as one single unit, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit/ Delivery Configuration RX/PX/CX, sizes 004-080.
The unit sections are jointed together/split by means of bolts.
The air handling unit/unit sections is/are delivered on wooden beams.
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

Duct connection options

A: Specify right-hand or left-hand version when ordering.
B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (does not apply to outdoor units).

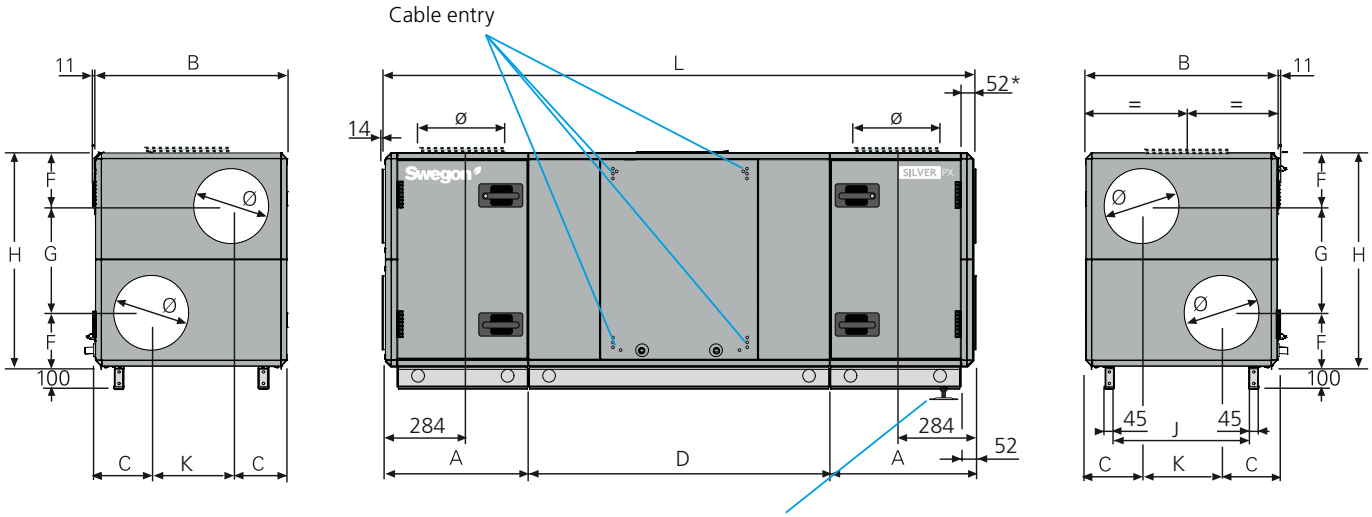


Right-hand version



Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

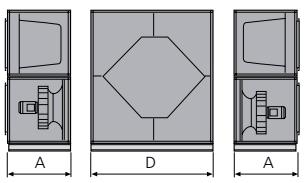


If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

Size	A	B	C	D	F	G	H	J	K	L	Ø	Weight, kg
004	617	825	240	1300	230	460	920	579	345	2534	315	438-490

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 88-112 kg,
D = 262-266 kg.

Rated data per fan

Motor shaft power: 1.15 kW (0.41 kW)*,
motor control system: 1 x 230 V, 50 Hz, rated 2.3 A
**The motor control system limits the power of the take-off to the value specified.*

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX Top, counterflow heat exchanger, size 004

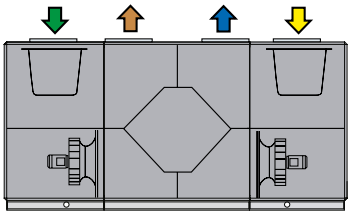
Delivery and transport within the site

SILVER PX Top 004 can be supplied as one single unit or in an optional division of sections. Extra air handling unit sections cannot be ordered due to the deviating height measurement. Filter/fan sections for height adapted PX (side fed) and PX Top can be combined, see the section: Description of the Air Handling Unit.

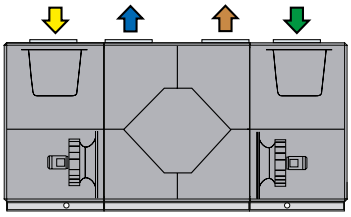
The unit sections are jointed together/split by means of bolts.

The air handling unit/unit sections is/are delivered on wooden beams.

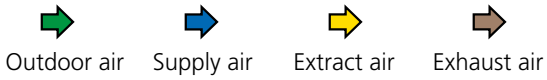
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.



Right-hand version



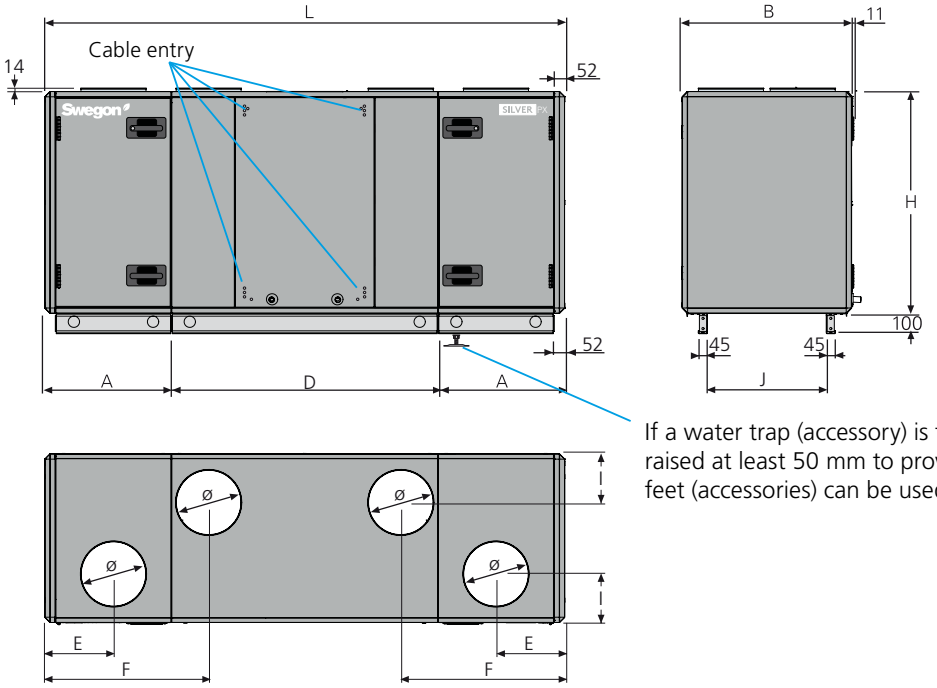
Left-hand version



Duct connection options

A: All the duct connections are arranged from the top of the air handling unit (the unit must not be installed outdoors).

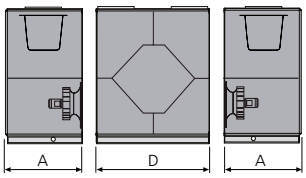
B: Specify right-hand or left-hand version when ordering.



If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

Size	A	B	D	E	F	H	I	J	L	Ø	Weight, kg
004	617	825	1300	334	798	1085	238	579	2534	315	480-484

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 109 kg,
D = 262-266 kg.

Rated data per fan

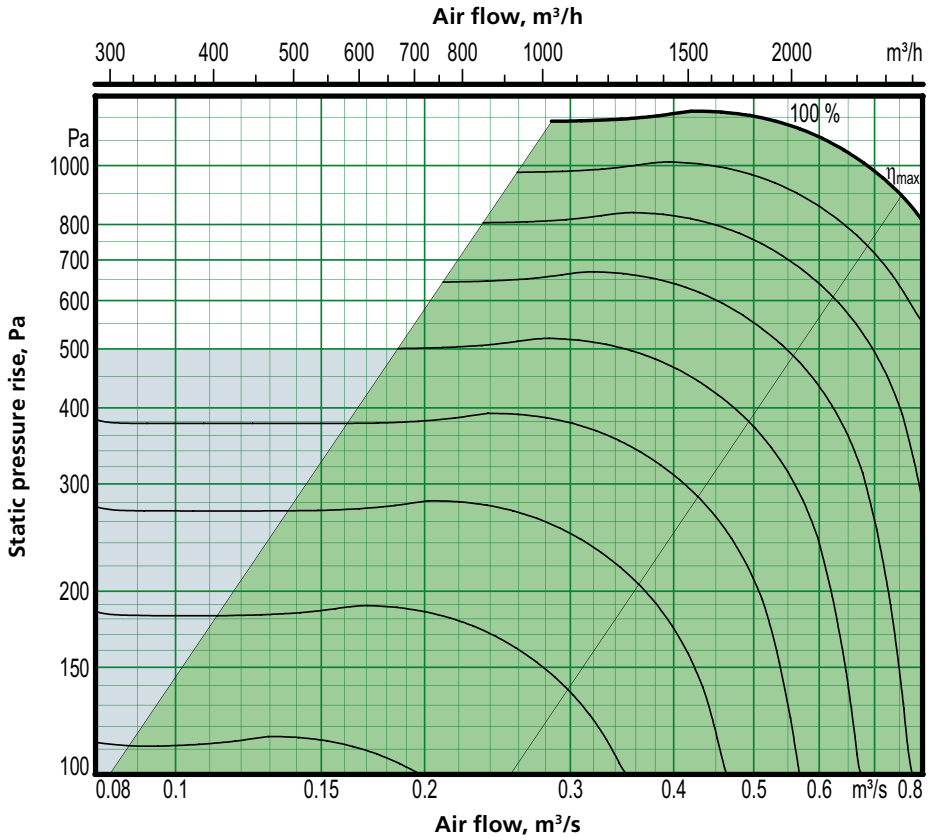
Motor shaft power: 1.15 kW (0.41 kW)*,
motor control system: 1 x 230 V, 50 Hz, rated 2.3 A
**The motor control system limits the power of the take-off to the value specified.*

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 005



Motor shaft power: 1.15 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. air flows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
005	288	0.08	2340	0.65

Exact sizing can be carried out in the AHU Design air handling unit selection program

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 005, common casing

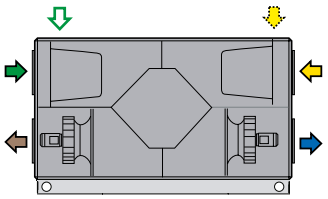
Delivery and transport within the site

The SILVER PX 005 is produced in one single variant. All of its components are arranged at their given physical locations inside the air handling unit.

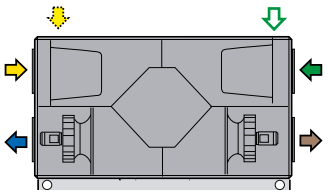
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

The air handling unit is supplied on a wooden pallet.

The set of support legs, for mounting the base beams, is available as an accessory.



Right-hand version



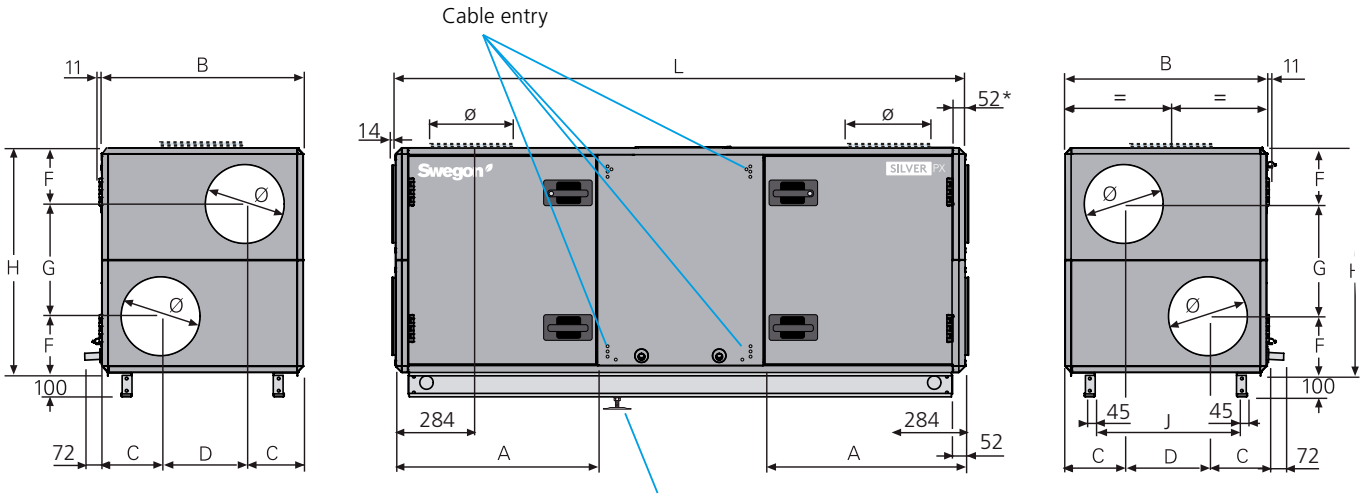
Left-hand version

Outdoor air Supply air Extract air Exhaust air

Duct connection options

A: Specify right-hand or left-hand version when ordering.

B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (Does not apply to units installed outdoors).



If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

Size	A	B	C	D	F	G	H	J	L	Ø	Weight, kg
005	822	825	240	345	230	460	920	579	2333	315	349-387

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

Rated data per fan

Motor shaft power: 1.15 kW (0.8 kW* or 1.15 kW), motor control system: 1 x 230 V, 50 Hz

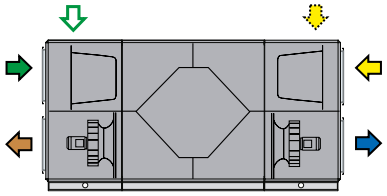
**The motor control system limits the output power to the value specified.*

Sizing, installation, dimensions and weights

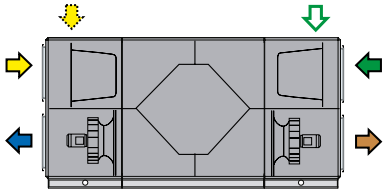
SILVER PX, counterflow heat exchanger, size 005, split version

Delivery and transport within the site

The SILVER PX 005 can be supplied as one single unit, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit/ Delivery Configuration RX/PX/CX, sizes 004-080.
The unit sections are jointed together/split by means of bolts.
The air handling unit/unit sections is/are delivered on wooden beams.
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.



Right-hand version

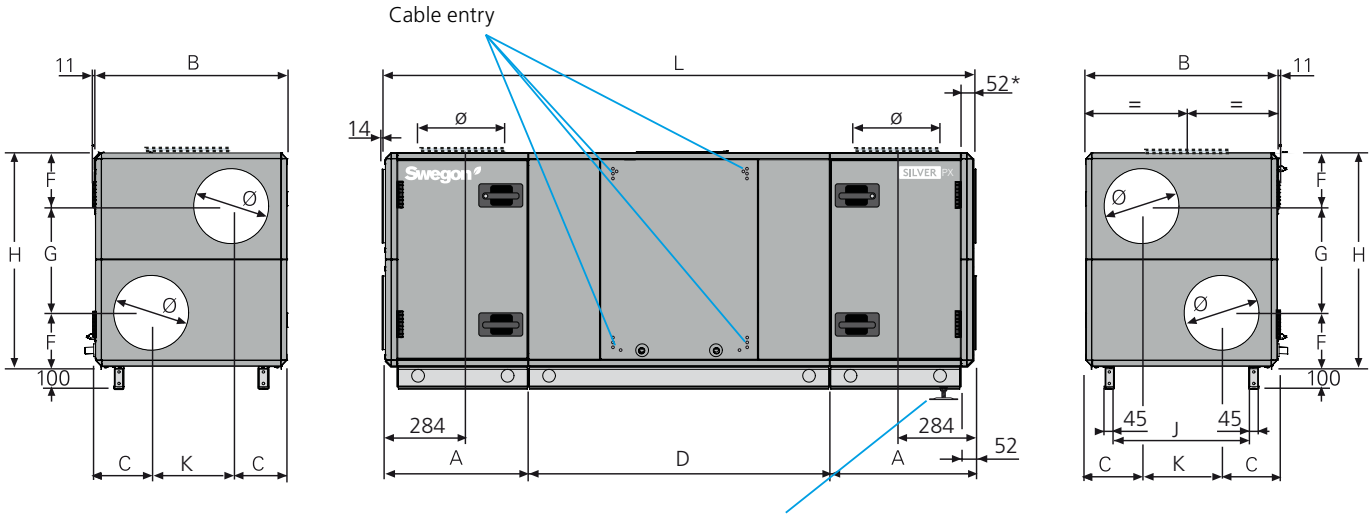


Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

Duct connection options

A: Specify right-hand or left-hand version when ordering.
B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (does not apply to outdoor units).

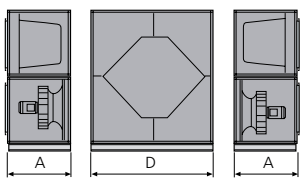


If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

Size	A	B	C	D	F	G	H	J	K	L	Ø	Weight, kg
005	617	825	240	1300	230	460	920	579	345	2534	315	438-490

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 88-112 kg, D = 262-266 kg.

Rated data per fan

Motor shaft power: 1.15 kW (0.8 kW* or 1.15 kW), motor control system: 1 x 230 V, 50 Hz
**The motor control system limits the output power to the value specified.*

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX Top, counterflow heat exchanger, size 005

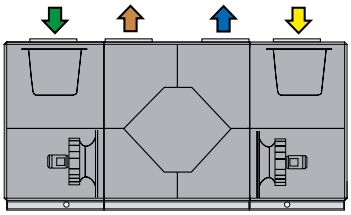
Leverans och intransport

SILVER PX Top 005 can be supplied as one single unit or in an optional division of sections. Extra air handling unit sections cannot be ordered due to the deviating height measurement. Filter/fan sections for height adapted PX (side fed) and PX Top can be combined, see the section: Description of the Air Handling Unit.

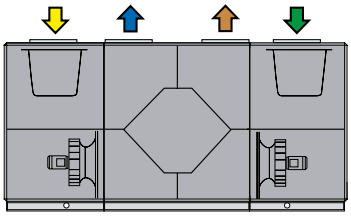
The unit sections are jointed together/split by means of bolts.

The air handling unit/unit sections is/are delivered on wooden beams.

The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.



Right-hand version



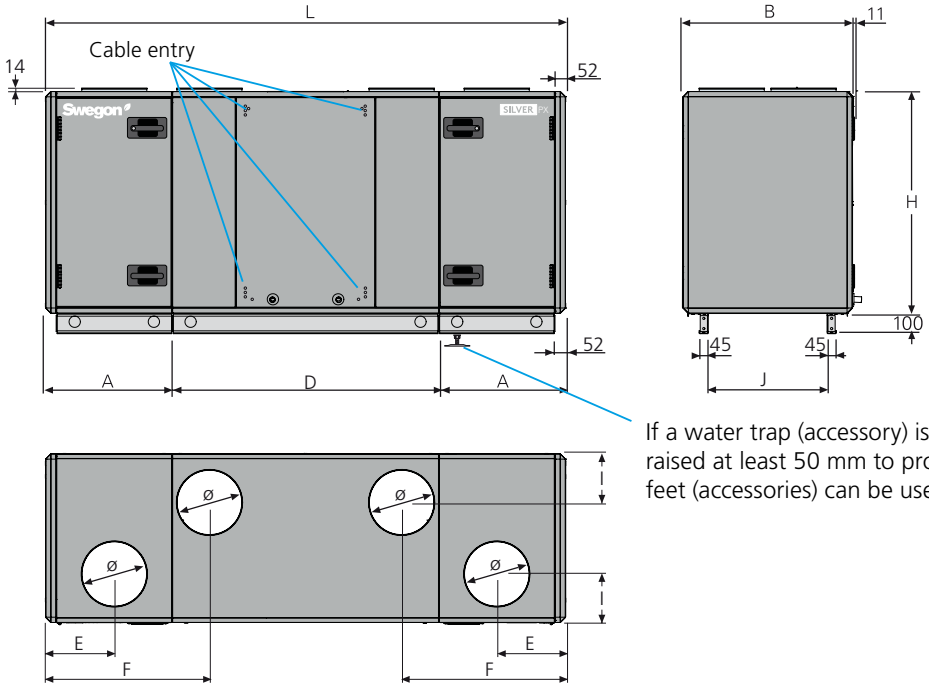
Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

Duct connection options

A: All the duct connections are arranged from the top of the air handling unit (the unit must not be installed outdoors).

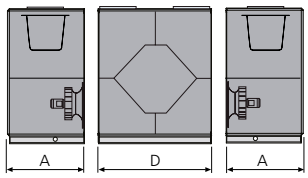
B: Specify right-hand or left-hand version when ordering.



If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

Size	A	B	D	E	F	H	I	J	L	Ø	Weight, kg
005	617	825	1300	334	798	1085	238	579	2534	315	480-492

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 109-113 kg,
D = 262-266 kg.

Rated data per fan

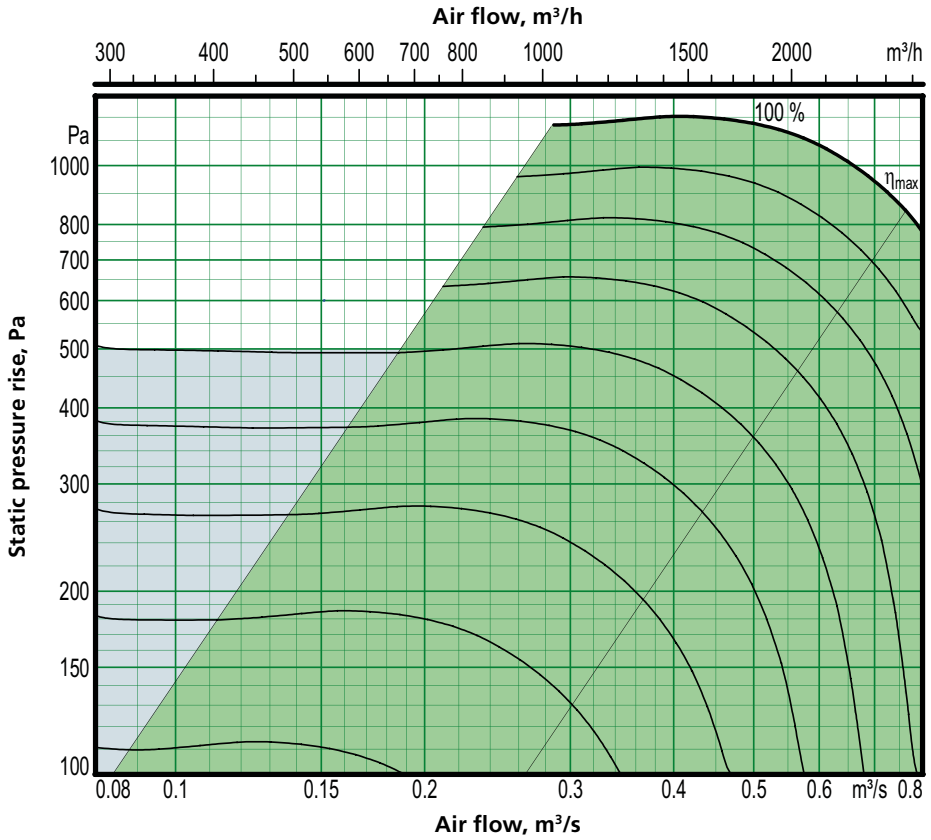
Motor shaft power: 1.15 kW (0.8 kW* or 1.15 kW),
motor control system: 1 x 230 V, 50 Hz
**The motor control system limits the output power to the value specified.*

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 007



Motor shaft power: 1.15 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. air flows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
007	288	0.08	2700	0.75

Exact sizing can be carried out in the AHU Design air handling unit selection program

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 007, common casing

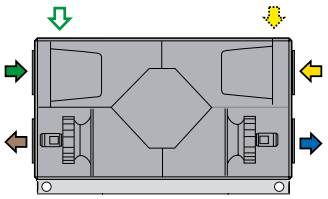
Delivery and transport within the site

The SILVER PX 007 is produced in one single variant. All of its components are arranged at their given physical locations inside the air handling unit.

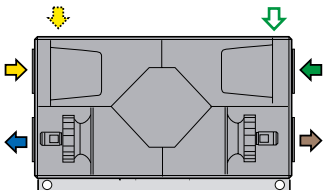
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

The air handling unit is supplied on a wooden pallet.

The set of support legs, for mounting the base beams, is available as an accessory.



Right-hand version



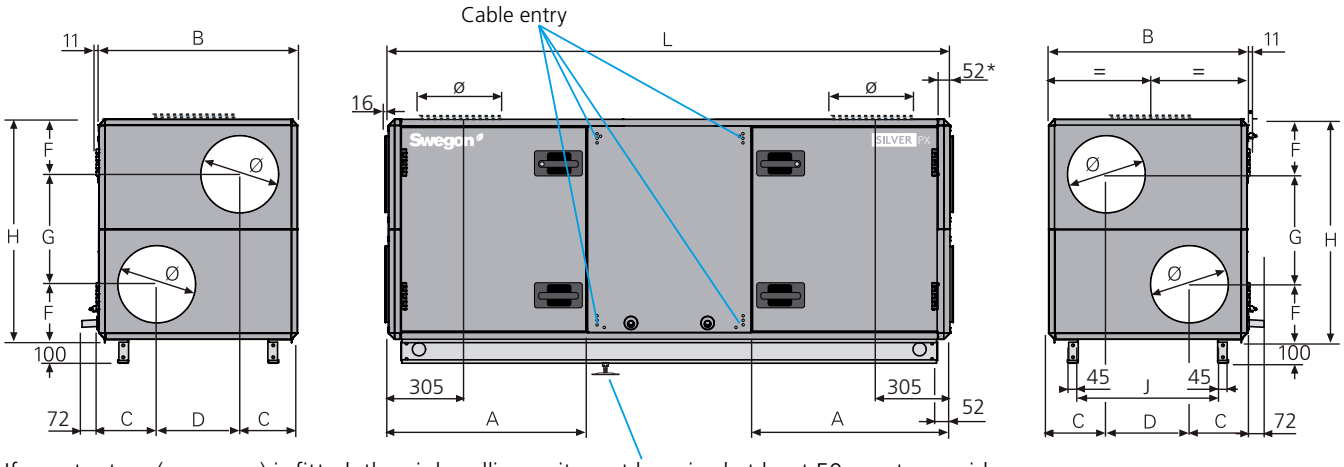
Left-hand version

Outdoor air Supply air Extract air Exhaust air

Duct connection options

A: Specify right-hand or left-hand version when ordering.

B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (Does not apply to units installed outdoors).



If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

Size	A	B	C	D	F	G	H	J	L	Ø	Weight, kg
007	911,5	995	277,5	440	271	543	1085	749	2503	400	435-492

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

Rated data per fan

Motor shaft power: 1.15 kW (0.8 kW* or 1.15 kW), motor control system: 1 x 230 V, 50 Hz

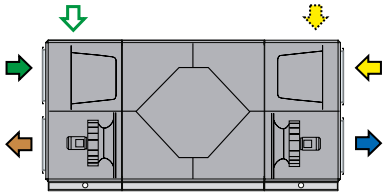
**The motor control system limits the output power to the value specified.*

Sizing, installation, dimensions and weights

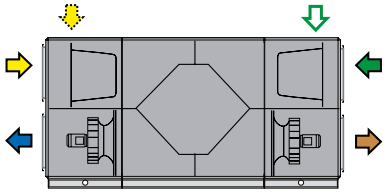
SILVER PX, counterflow heat exchanger, size 007, split version

Delivery and transport within the site

The SILVER PX 007 can be supplied as one single unit, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit/ Delivery Configuration RX/PX/CX, sizes 004-080.
The unit sections are jointed together/split by means of bolts.
The air handling unit/unit sections is/are delivered on wooden beams.
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.



Right-hand version

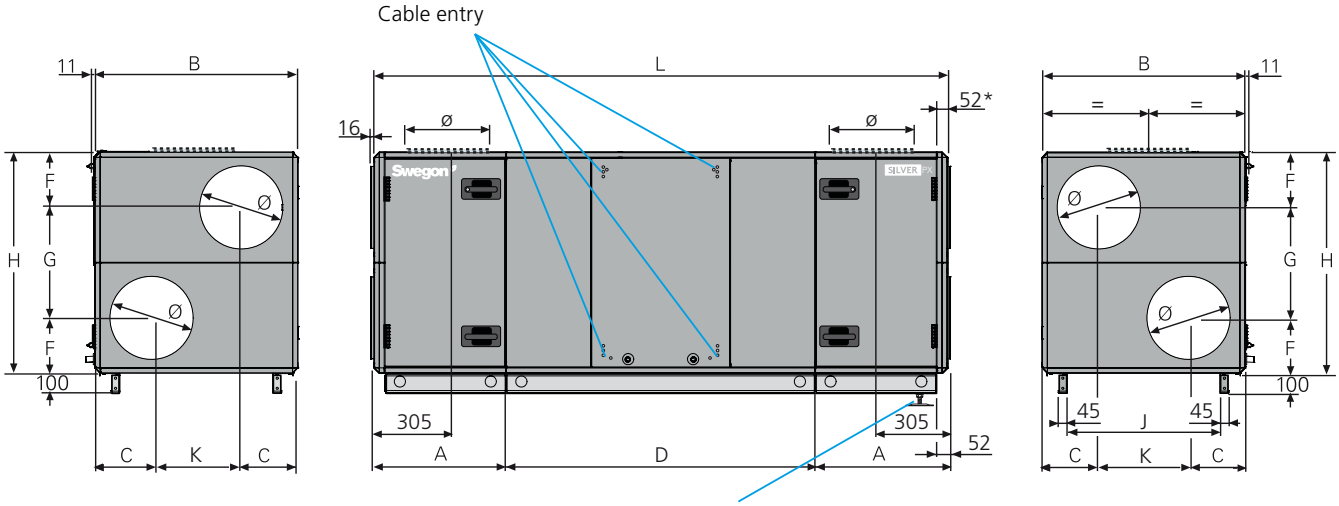


Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

Duct connection options

A: Specify right-hand or left-hand version when ordering.
B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (does not apply to outdoor units).

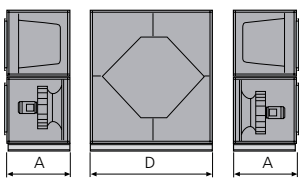


If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

Size	A	B	C	D	F	G	H	J	K	L	Ø	Weight, kg
007	647	995	277,5	1517	271	543	1085	749	440	2811	400	547-623

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 103-138 kg, D = 341-347 kg.

Rated data per fan

Motor shaft power: 1.15 kW (0.8 kW* or 1.15 kW), motor control system: 1 x 230 V, 50 Hz
**The motor control system limits the output power to the value specified.*

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

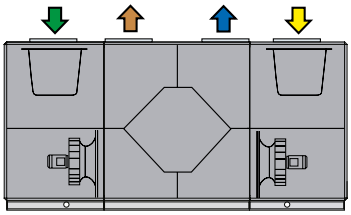
SILVER PX Top, counterflow heat exchanger, size 007

Delivery and transport within the site

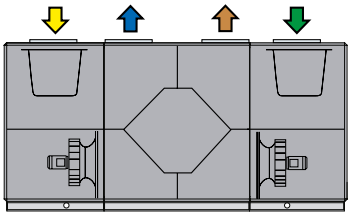
SILVER PX Top 007 can be supplied as one single unit or in an optional division of sections. Extra air handling unit sections cannot be ordered due to the deviating height measurement. Filter/fan sections for height adapted PX (side fed) and PX Top can be combined, see the section: Description of the Air Handling Unit.
The unit sections are jointed together/split by means of bolts. The air handling unit/unit sections is/are delivered on wooden beams.
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

Duct connection options

A: All the duct connections are arranged from the top of the air handling unit (the unit must not be installed outdoors).
B: Specify right-hand or left-hand version when ordering.

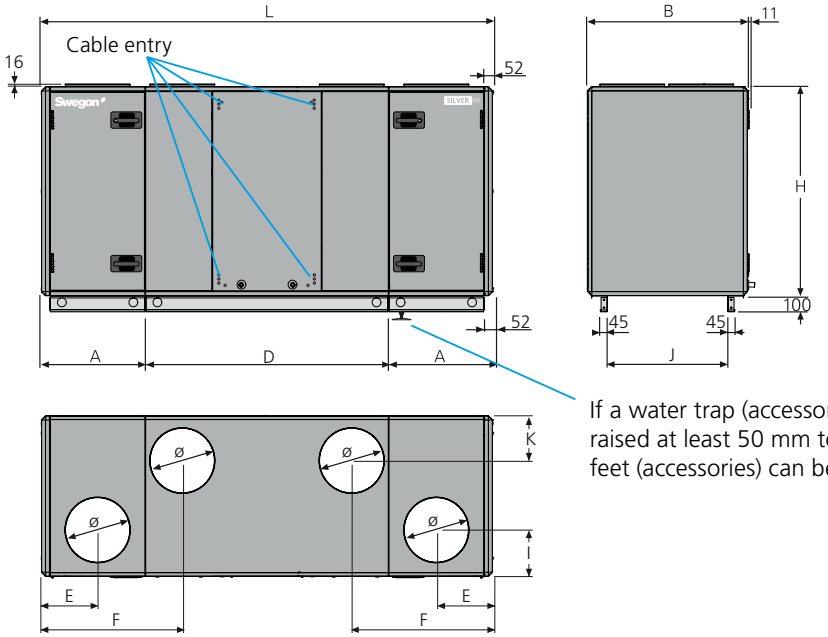


Right-hand version



Left-hand version

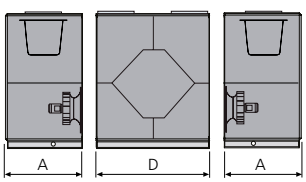
Outdoor air | Supply air | Extract air | Exhaust air



If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

Size	A	B	D	E	F	H	I	J	K	L	Ø	Weight, kg
007	647	995	1517	350	878	1295	288	749	278	2811	400	599-613

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 129-133 kg, D = 341-347 kg.

Rated data per fan

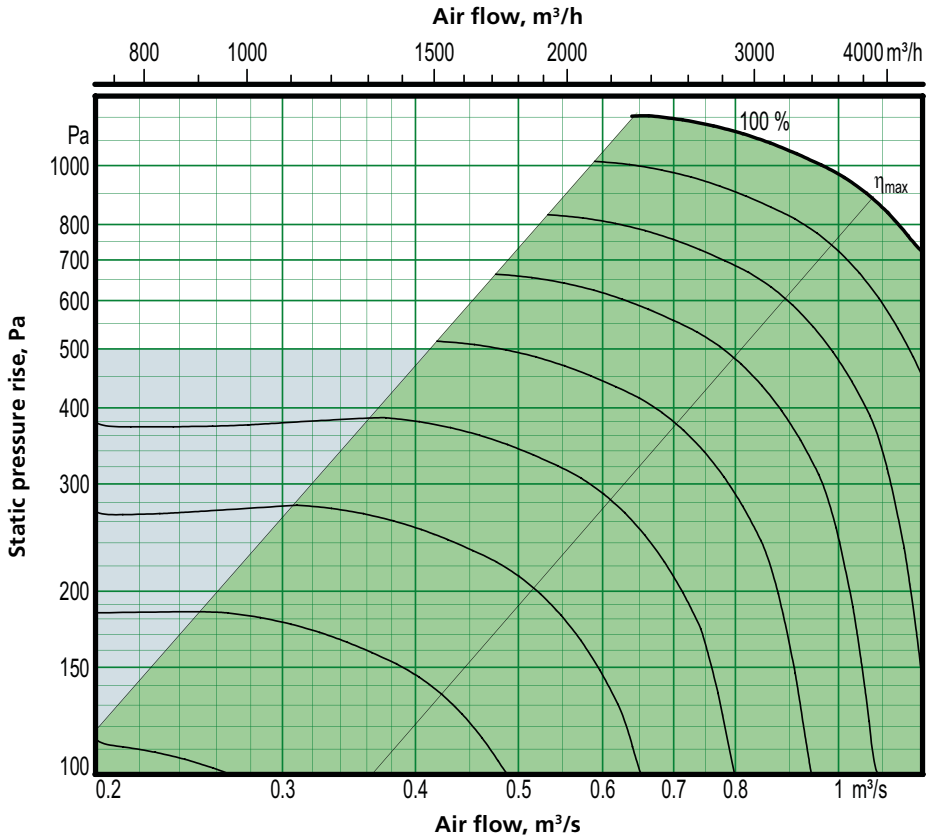
Motor shaft power: 1.15 kW (0.8 kW* or 1.15 kW), motor control system: 1 x 230 V, 50 Hz
**The motor control system limits the output power to the value specified.*

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 008



Motor shaft power: 1.6 kW (capacity variant 2)

Recommended working range for sizing.
If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. air flows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
008	720	0.20	3600	1.00

Exact sizing can be carried out in the AHU Design air handling unit selection program

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 008, common casing

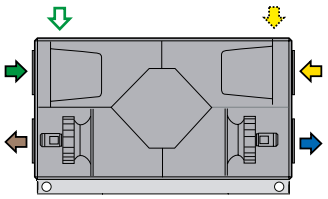
Delivery and transport within the site

The SILVER PX 008 is produced in one single variant. All of its components are arranged at their given physical locations inside the air handling unit.

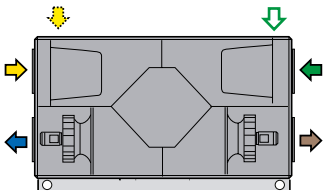
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

The air handling unit is supplied on a wooden pallet.

The set of support legs, for mounting the base beams, is available as an accessory.



Right-hand version



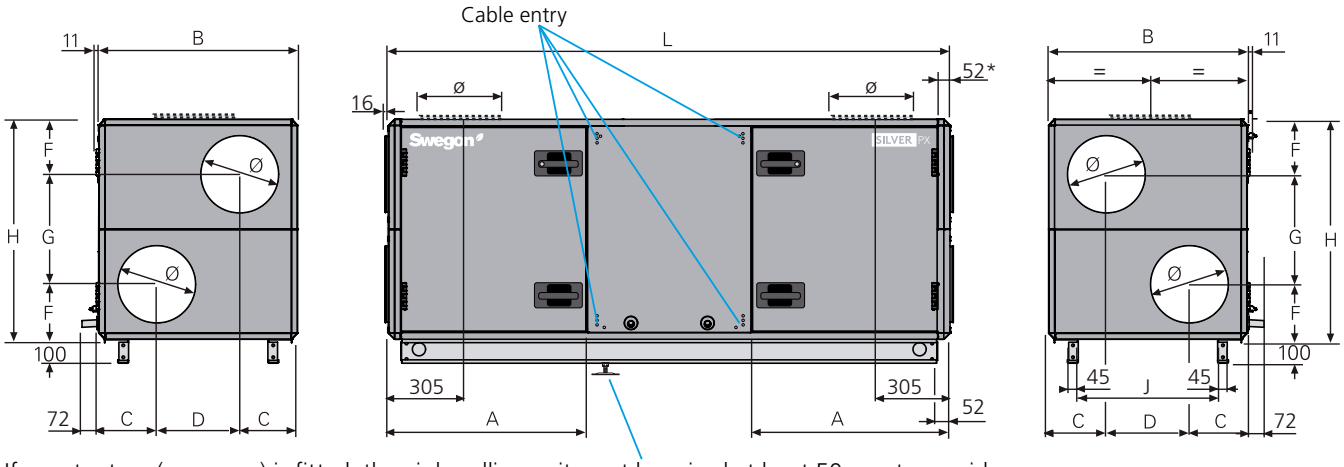
Left-hand version

Outdoor air Supply air Extract air Exhaust air

Duct connection options

A: Specify right-hand or left-hand version when ordering.

B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (Does not apply to units installed outdoors).



If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

Size	A	B	C	D	F	G	H	J	L	Ø	Weight, kg
008	911,5	995	277,5	440	271	543	1085	749	2503	400	449-506

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

Rated data per fan

Capacity variant 1:
Motor shaft power: 1.15 kW,
motor control system: 1 x 230 V, 50 Hz, rated 6.0 A

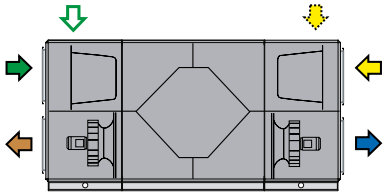
Capacity variant 2:
Motor shaft power: 1.6 kW,
motor control system: 3 x 400 V, 50 Hz, rated 2.8 A

Sizing, installation, dimensions and weights

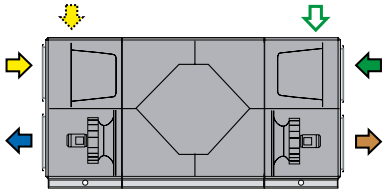
SILVER PX, counterflow heat exchanger, size 008, split version

Delivery and transport within the site

The SILVER PX 008 can be supplied as one single unit, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit/ Delivery Configuration RX/PX/CX, sizes 004-080.
The unit sections are jointed together/split by means of bolts.
The air handling unit/unit sections is/are delivered on wooden beams.
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.



Right-hand version

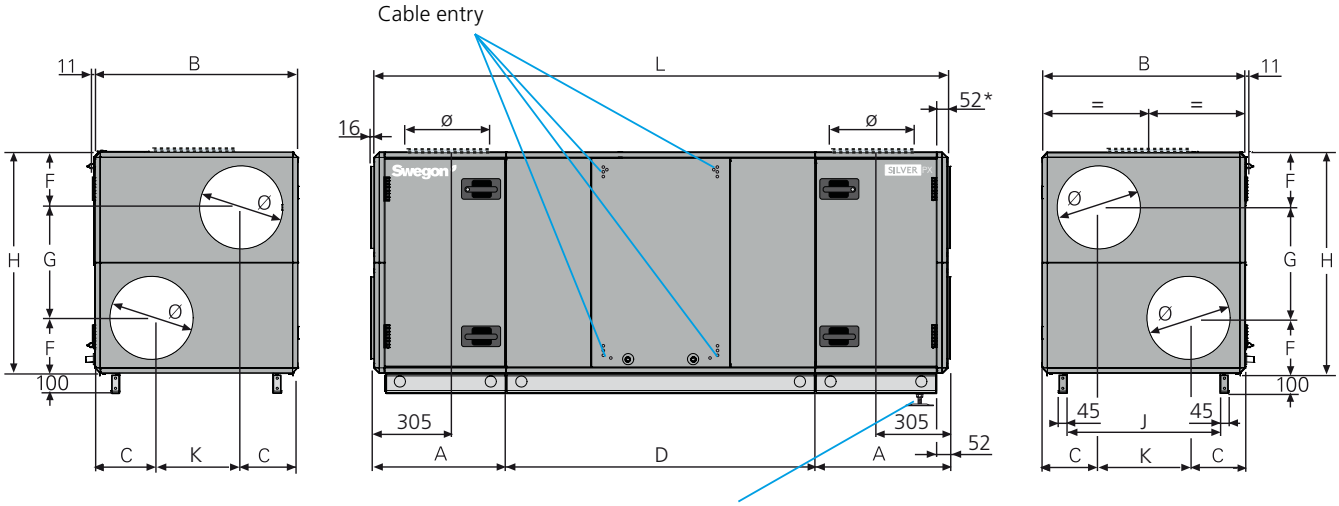


Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

Duct connection options

A: Specify right-hand or left-hand version when ordering.
B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (does not apply to outdoor units).

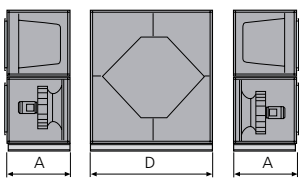


If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

Size	A	B	C	D	F	G	H	J	K	L	Ø	Weight, kg
008	647	995	277.5	1517	271	543	1085	749	440	2811	400	561-631

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 110-142 kg, D = 341-347 kg.

Rated data per fan

Capacity variant 1:
Motor shaft power: 1.15 kW,
motor control system: 1 x 230 V, 50 Hz, rated 6.0 A

Capacity variant 2:
Motor shaft power: 1.6 kW,
motor control system: 3 x 400 V, 50 Hz, rated 2.8 A

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

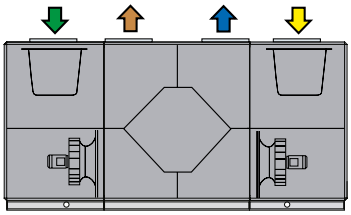
SILVER PX Top, counterflow heat exchanger, size 008

Delivery and transport within the site

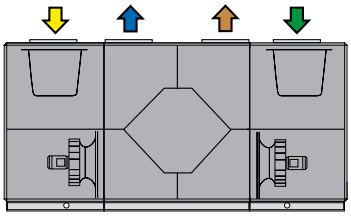
SILVER PX Top 008 can be supplied as one single unit or in an optional division of sections. Extra air handling unit sections cannot be ordered due to the deviating height measurement. Filter/fan sections for height adapted PX (side fed) and PX Top can be combined, see the section: Description of the Air Handling Unit.
The unit sections are jointed together/split by means of bolts. The air handling unit/unit sections is/are delivered on wooden beams.
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

Duct connection options

A: All the duct connections are arranged from the top of the air handling unit (the unit must not be installed outdoors).
B: Specify right-hand or left-hand version when ordering.

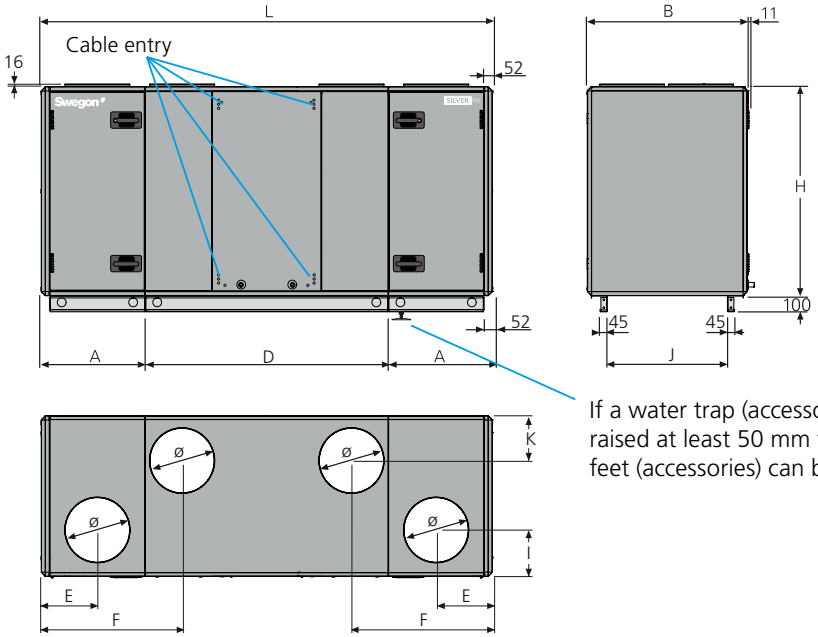


Right-hand version



Left-hand version

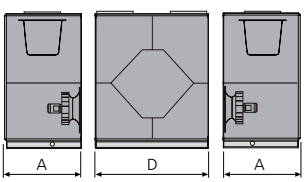
Outdoor air Supply air Extract air Exhaust air



If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

Size	A	B	D	E	F	H	I	J	K	L	Ø	Weight, kg
008	647	995	1517	350	878	1295	288	749	278	2811	400	613-621

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 136-137 kg,
D = 341-347 kg.

Rated data per fan

Capacity variant 1:
Motor shaft power: 1.15 kW,
motor control system: 1 x 230 V, 50 Hz, rated 6.0 A

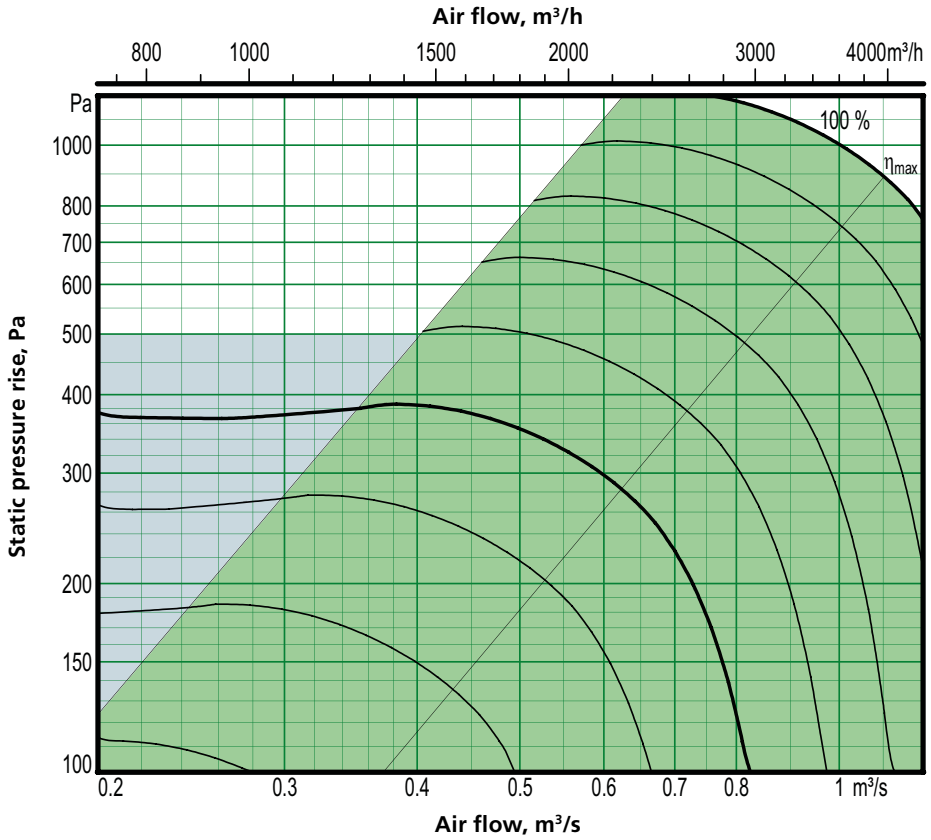
Capacity variant 2:
Motor shaft power: 1.6 kW,
motor control system: 3 x 400 V, 50 Hz, rated 2.8 A

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 011



Motor shaft power: 1.6 kW (capacity variant 2)

Recommended working range for sizing.
If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. air flows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
011	720	0.20	3960	1.10

Exact sizing can be carried out in the AHU Design air handling unit selection program

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

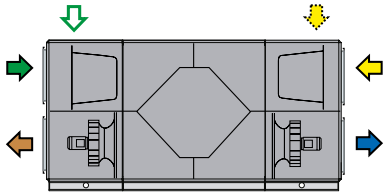
SILVER PX, counterflow heat exchanger, size 011

Delivery and transport within the site

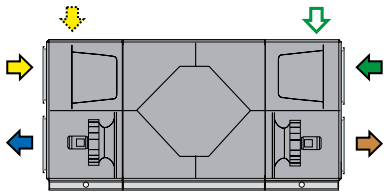
The SILVER PX 011 can be supplied as one single unit, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit.
Filter/fan sections for PX and PX Top can be combined, see the section: Description of the Air Handling Unit.
The unit sections are jointed together/split by means of bolts.
The air handling unit/unit sections is/are delivered on wooden beams.
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

Duct connection options

A: Specify right-hand or left-hand version when ordering.
B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (Does not apply to units installed outdoors).

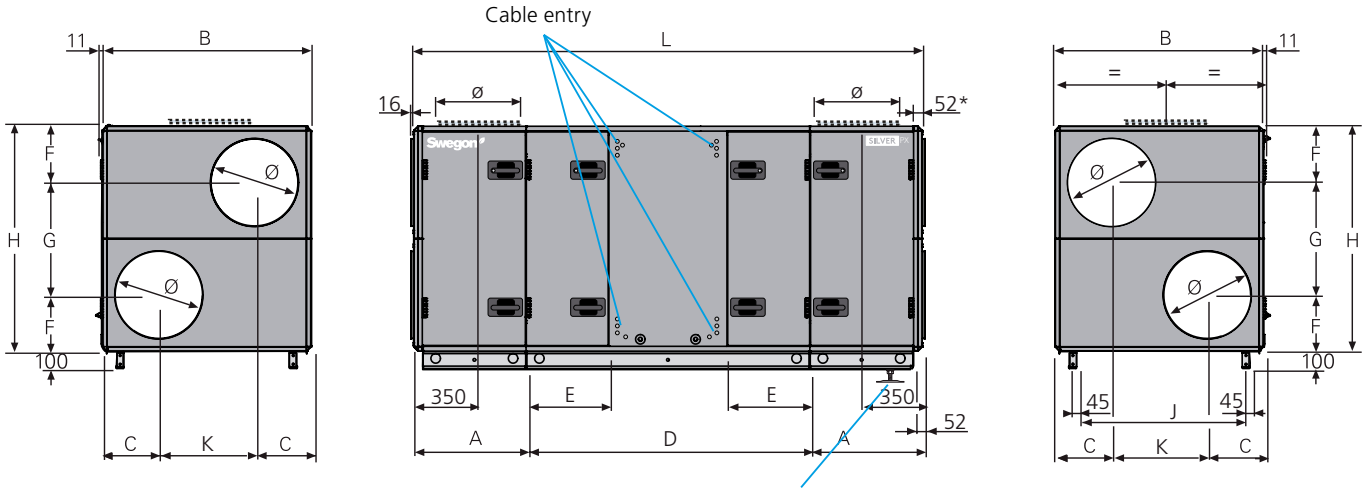


Right-hand version



Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

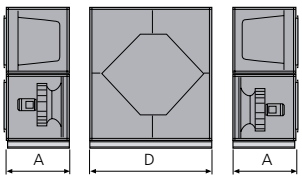


If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

Size	A	B	C	D	E	F	G	H	J	K	L	Ø	Weight, kg
011	647	1199	324	1631	471	324	647	1295	953	551	2925	500	714-804

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 135-175 kg,
D = 444-454 kg.

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

Rated data per fan

Capacity variant 1:
Motor shaft power: 1.15 kW,
motor control system: 1 x 230 V, 50 Hz, , rated 6.0 A

Capacity variant 2:
Motor shaft power: 1.6 kW,
motor control system: 3 x 400 V, 50 Hz, rated 2.8 A

Sizing, installation, dimensions and weights

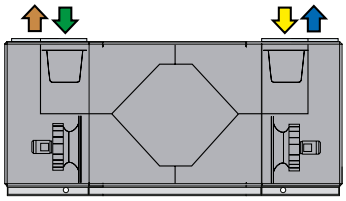
SILVER PX Top, counterflow heat exchanger, size 011

Delivery and transport within the site

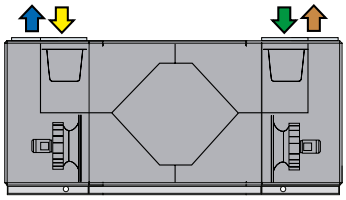
The SILVER Top PX 011 can be supplied as two units, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit.
Filter/fan sections for PX and PX Top can be combined, see the section: Description of the Air Handling Unit.
The unit sections are jointed together/split by means of bolts.
The air handling unit/unit sections is/are delivered on wooden beams.
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

Duct connection options

A: All the duct connections are arranged from the top of the air handling unit (the unit must not be installed outdoors).
B: Specify right-hand or left-hand version when ordering.

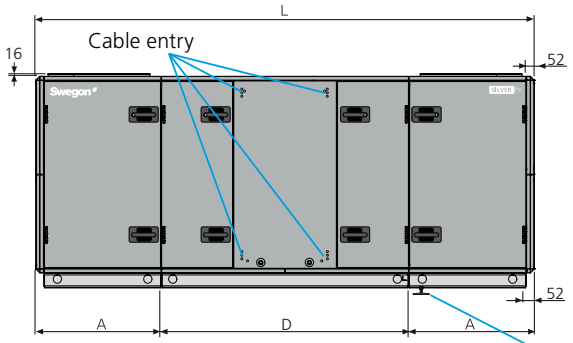


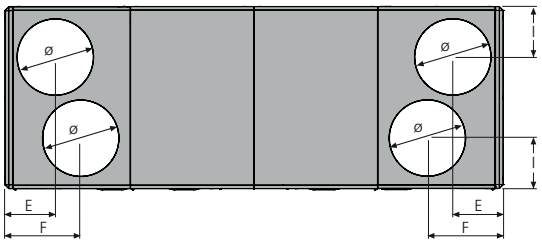
Right-hand version



Left-hand version

Outdoor air Supply air Extract air Exhaust air

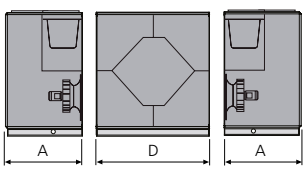




If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

Size	A	B	D	E	F	H	I	J	L	Ø	Weight, kg
011	827	1199	1631	332	500	1295	332	953	3285	500	814-826

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 185-186 kg, D = 444-454 kg.

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

Rated data per fan

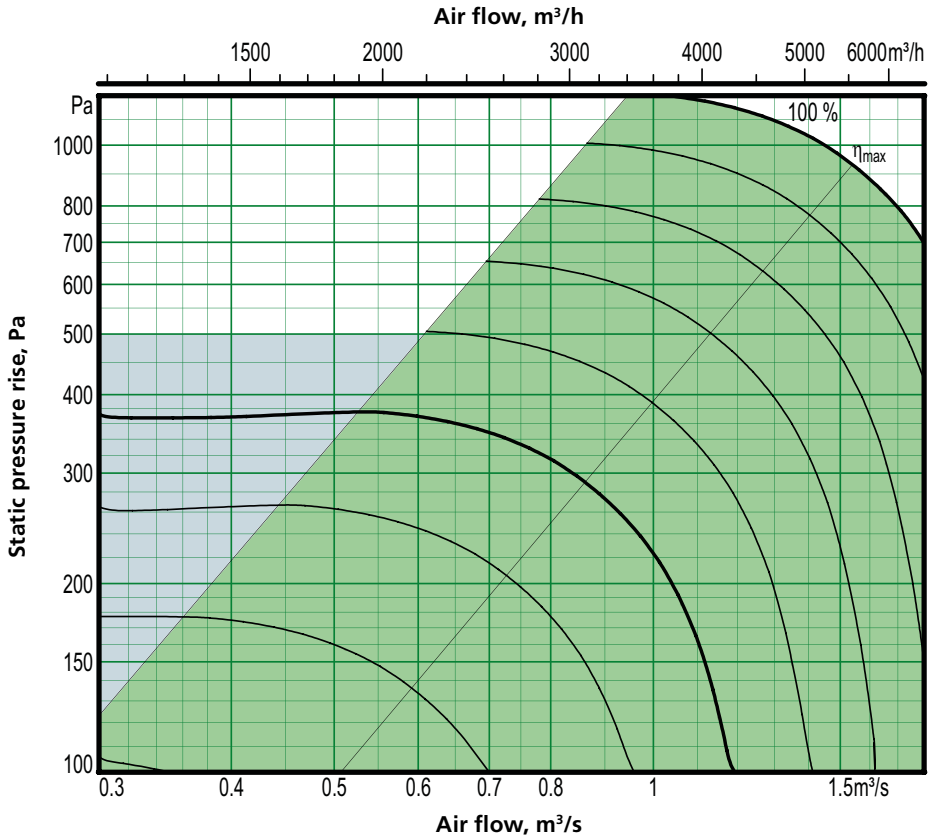
Capacity variant 1:
Motor shaft power: 1.15 kW,
motor control system: 1 x 230 V, 50 Hz, , rated 6.0 A

Capacity variant 2:
Motor shaft power: 1.6 kW,
motor control system: 3 x 400 V, 50 Hz, rated 2.8 A

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 012



Motor shaft power: 2.4 kW (capacity variant 2)

Recommended working range for sizing.
If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. air flows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
012	720	0.20	5040	1.40

Exact sizing can be carried out in the AHU Design air handling unit selection program

Sizing, installation, dimensions and weights

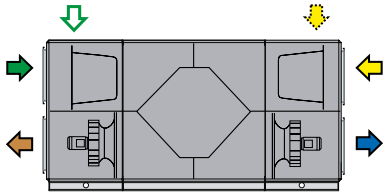
SILVER PX, counterflow heat exchanger, size 012

Delivery and transport within the site

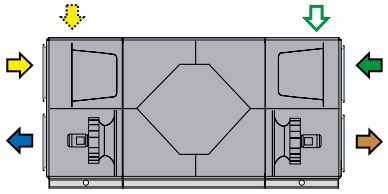
The SILVER PX 012 can be supplied as one single unit, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit.
Filter/fan sections for PX and PX Top can be combined, see the section: Description of the Air Handling Unit.
The unit sections are jointed together/split by means of bolts.
The air handling unit/unit sections is/are delivered on wooden beams.
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

Duct connection options

A: Specify right-hand or left-hand version when ordering.
B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (Does not apply to units installed outdoors).

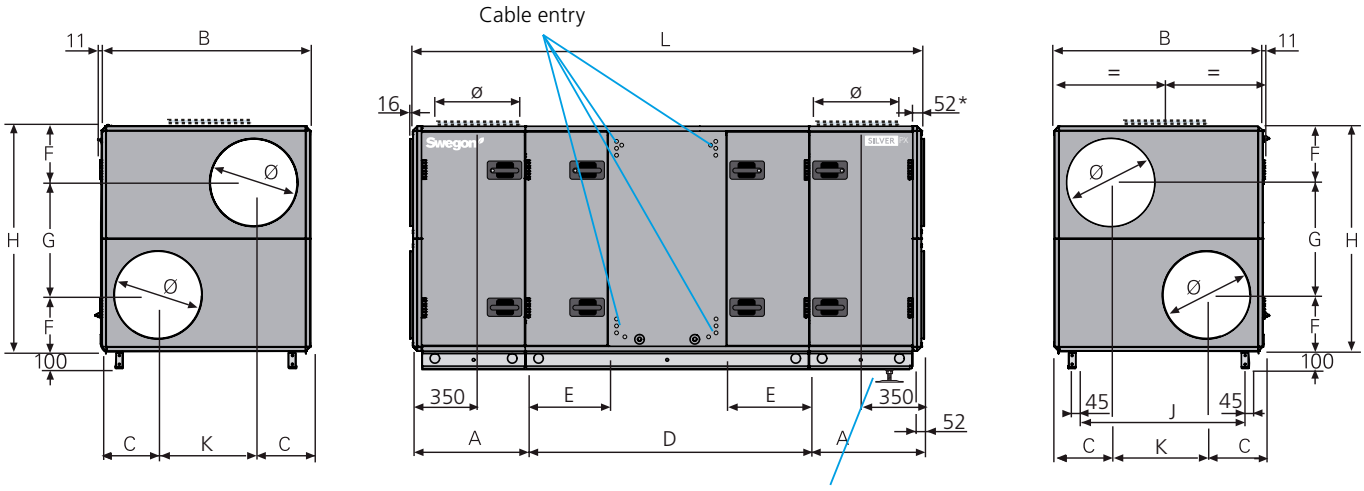


Right-hand version



Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

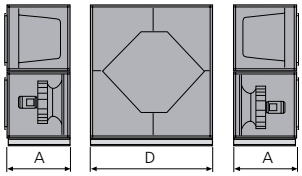


If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

Size	A	B	C	D	E	F	G	H	J	K	L	Ø	Weight, kg
012	647	1199	324	1631	471	324	647	1295	953	551	2925	500	736-832

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 146-189 kg, D = 444-454 kg.

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

Rated data per fan

Motor shaft power: 2.4 kW (1.6 kW* or 2.4 kW),
motor control system: 3 x 400 V, 50 Hz, rated 2.8 A alt. 3.8 A
**The motor control system limits the output power to the value specified.*

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX Top, counterflow heat exchanger, size 012

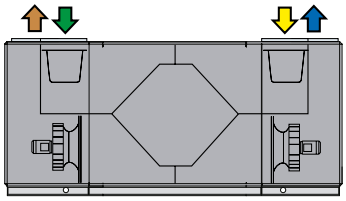
Delivery and transport within the site

The SILVER Top PX 012 can be supplied as two units, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit. Filter/fan sections for PX and PX Top can be combined, see the section: Description of the Air Handling Unit.
The unit sections are jointed together/split by means of bolts.
The air handling unit/unit sections is/are delivered on wooden beams.
The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

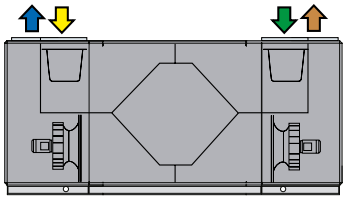
Duct connection options

A: All the duct connections are arranged from the top of the air handling unit (the unit must not be installed outdoors).

B: Specify right-hand or left-hand version when ordering.

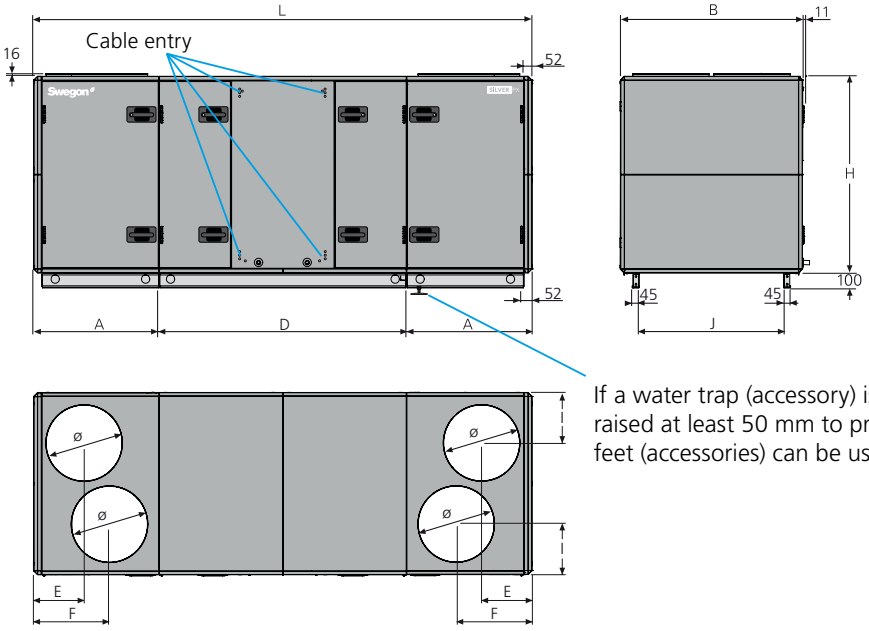


Right-hand version



Left-hand version

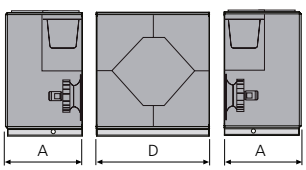
Outdoor air | Supply air | Extract air | Exhaust air



If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

Size	A	B	D	E	F	H	I	J	L	Ø	Weight, kg
012	827	1199	1631	332	500	1295	332	953	3285	500	836-854

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 196-200 kg,
D = 444-454 kg.

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

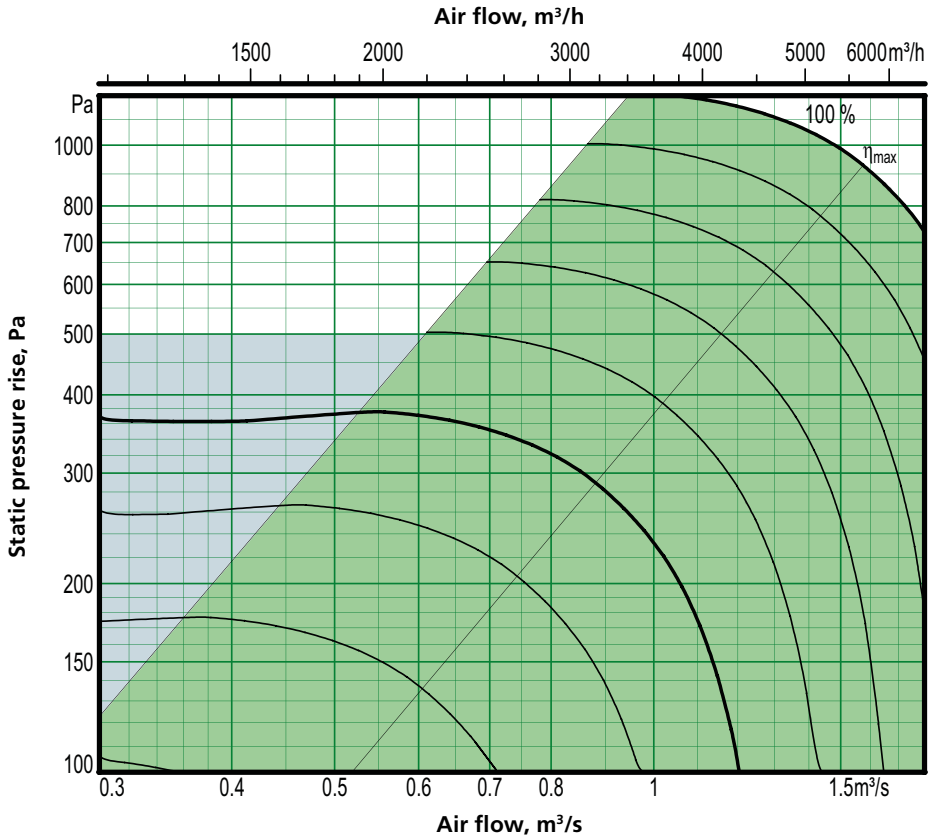
Rated data per fan

Motor shaft power: 2.4 kW (1.6 kW* or 2.4 kW),
motor control system: 3 x 400 V, 50 Hz, rated 2.8 A alt. 3.8 A
**The motor control system limits the output power to the value specified.*

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 014/020

Size 014 (Extract air fan size 020 can be selected, see the next page)



Motor shaft power: 2.4 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

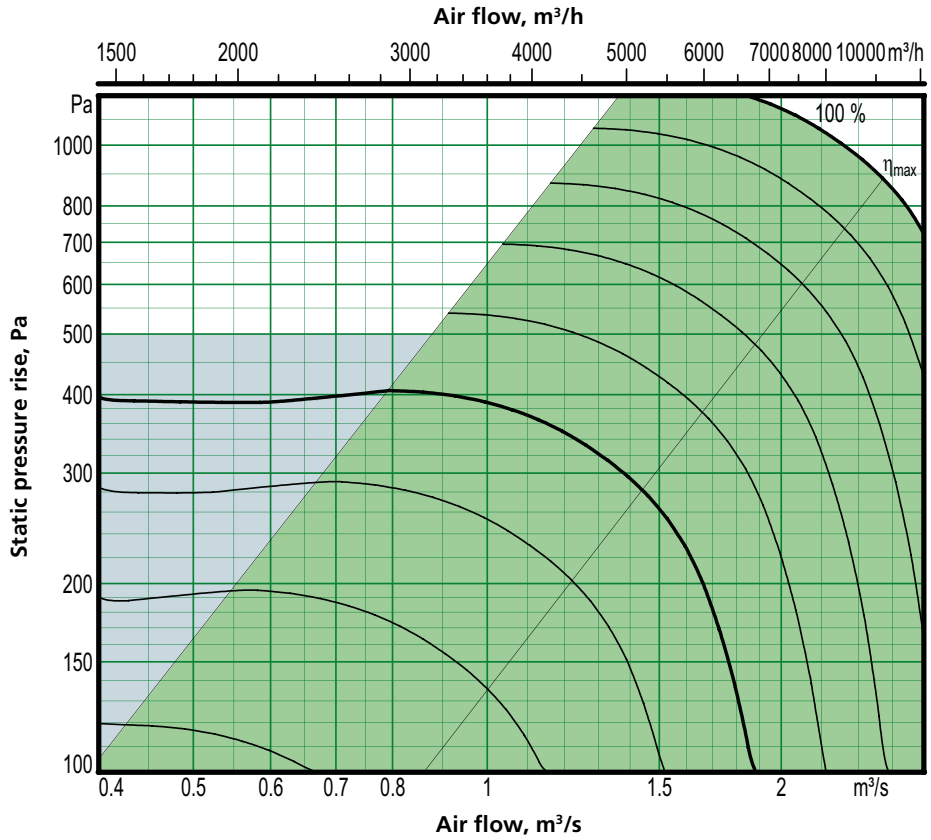
Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
014	720	0.20	5940	1.65

Exact sizing can be carried out in the AHU Design air handling unit selection program

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 014/020
Size 020 (Extract air fan size 014 can be selected, see the previous page)



Motor shaft power: 3.4 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
020	1080	0.30	7560	2.1

Exact sizing can be carried out in the AHU Design air handling unit selection program

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 014/020

Delivery and transport within the site

The SILVER PX 014/020 can be supplied as two units, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit. Filter/fan sections for PX and PX Top can be combined, see the section: Description of the Air Handling Unit.

The unit sections are jointed together/split by means of bolts.

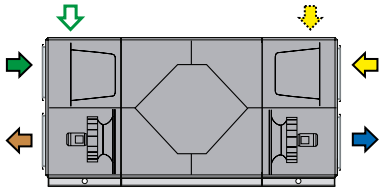
The air handling unit/unit sections is/are delivered on wooden beams.

The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

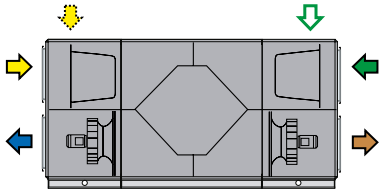
Duct connection options

A: Specify right-hand or left-hand version when ordering.

B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (does not apply to outdoor units).

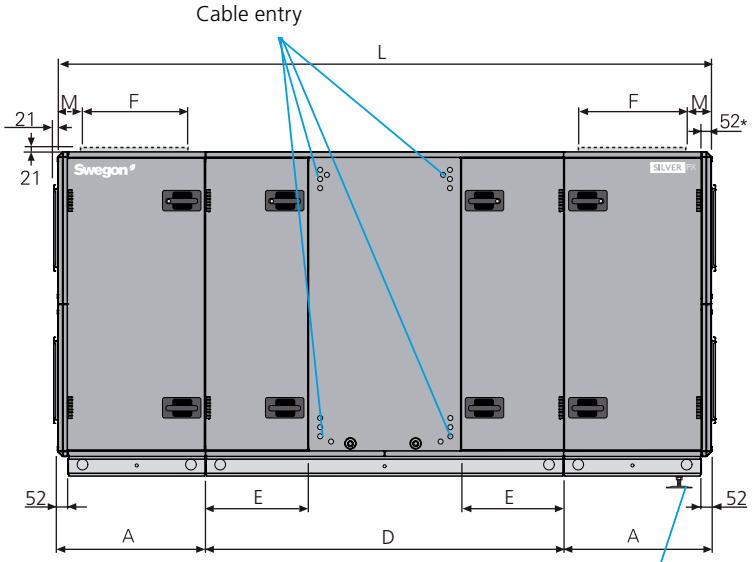


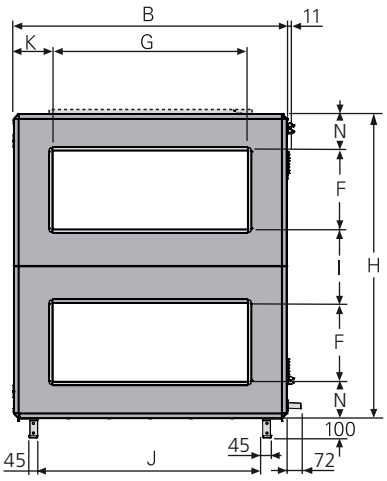
Right-hand version



Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air



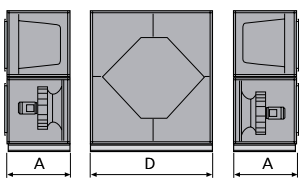


** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

Size	A	B	D	E	F	G	H	I	J	K	L	M	N	Weight, kg
014/020	757,5	1400	1836	528	400	1000	1551	375	1154	200	3351	205	188	929-1089

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 190-264 kg,
D = 549-561 kg.

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

Rated data per fan

Size 014: Motor shaft power: 2.4 kW (1.6 kW* or 2.4 kW) motor control system: 3 x 400 V, 50 Hz, rated 2.8 A alt. 3.8 A

**The motor control system limits the output power to the value specified.*

Size 020: Motor shaft power 2.4 kW alt. 3.4 kW, motor control system 3 x 400 V, 50 Hz, rated 4.2 A alt. 5.9 A

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX Top, counterflow heat exchanger, size 014/020

Delivery and transport within the site

The SILVER Top PX 014/020 can be supplied as two units, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit. Filter/fan sections for PX and PX Top can be combined, see the section: Description of the Air Handling Unit.

The unit sections are jointed together/split by means of bolts.

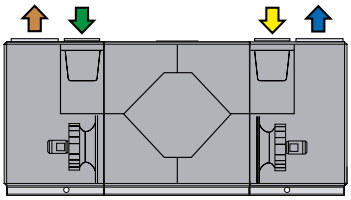
The air handling unit/unit sections is/are delivered on wooden beams.

The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

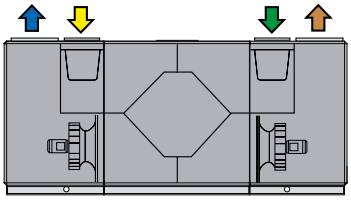
Duct connection options

A: All the duct connections are arranged from the top of the air handling unit (the unit must not be installed outdoors).

B: Specify right-hand or left-hand version when ordering.

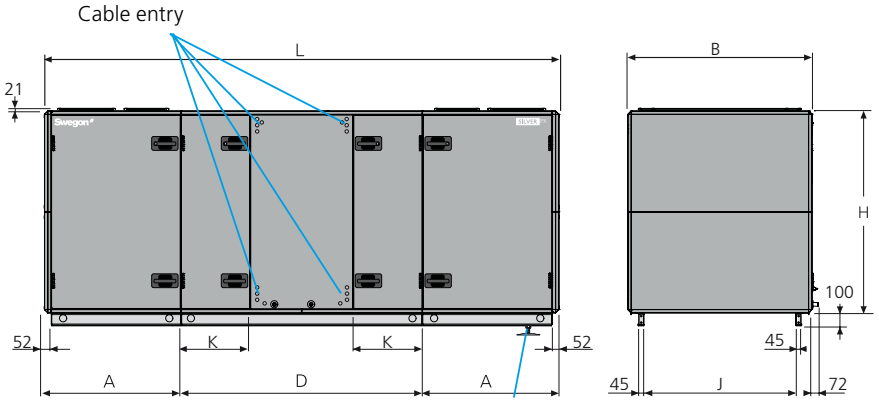


Right-hand version

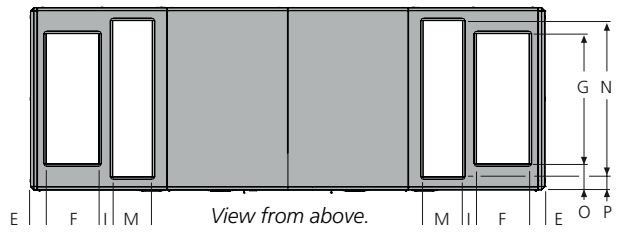


Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

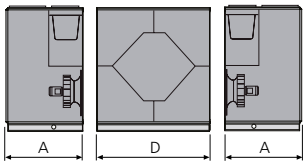


If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.



Size	A	B	D	E	F	G	H	I	J	K	L	M	N	O	P	Weight, kg
014/020	1039	1400	1836	120	400	1000	1551	106	1154	528	3914	300	1200	200	100	1083-1175

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 267-307 kg,
D = 549-561 kg.

Clear space for inspection

A clear space of 1000 mm should be provided in front of the unit.

Rated data per fan

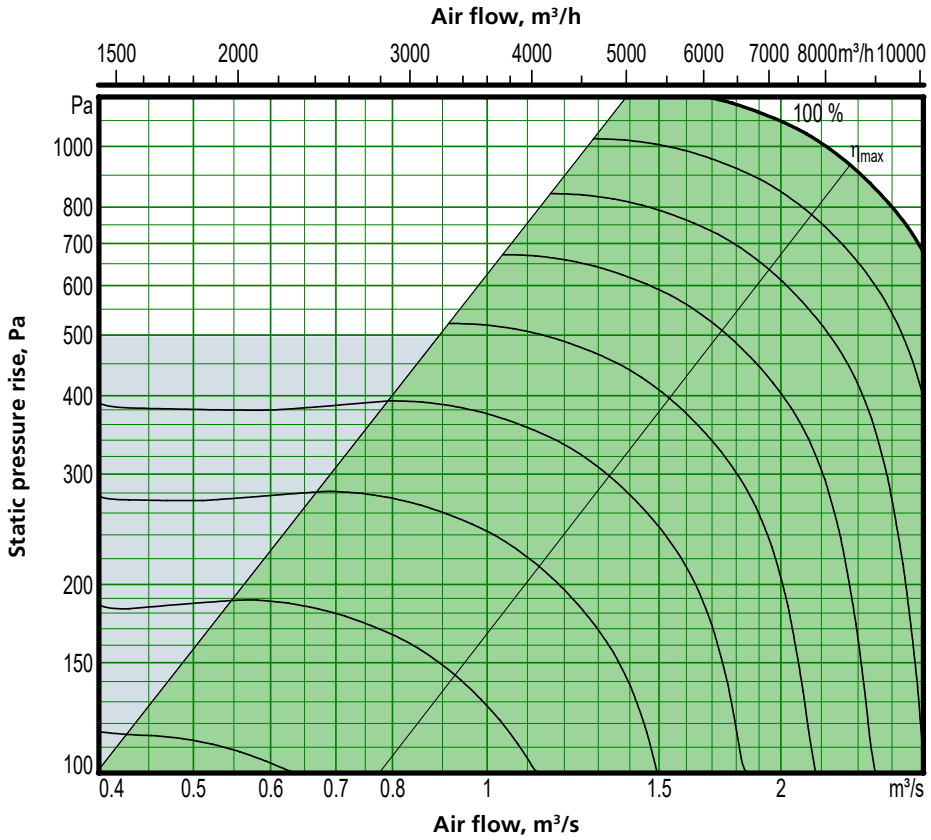
Size 014: Motor shaft power: 2.4 kW (1.6 kW* or 2.4 kW) motor control system: 3 x 400 V, 50 Hz, rated 2.8 A alt. 3.8 A
**The motor control system limits the output power to the value specified.*

Size 020: Motor shaft power 2.4 kW alt. 3.4 kW, motor control system 3 x 400 V, 50 Hz, rated 4.2 A alt. 5.9 A

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 025/030

Size 025 (Extract air fan size 030 can be selected, see the next page)



Motor shaft power: 3.4 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
025	1080	0.30	9000	2.50

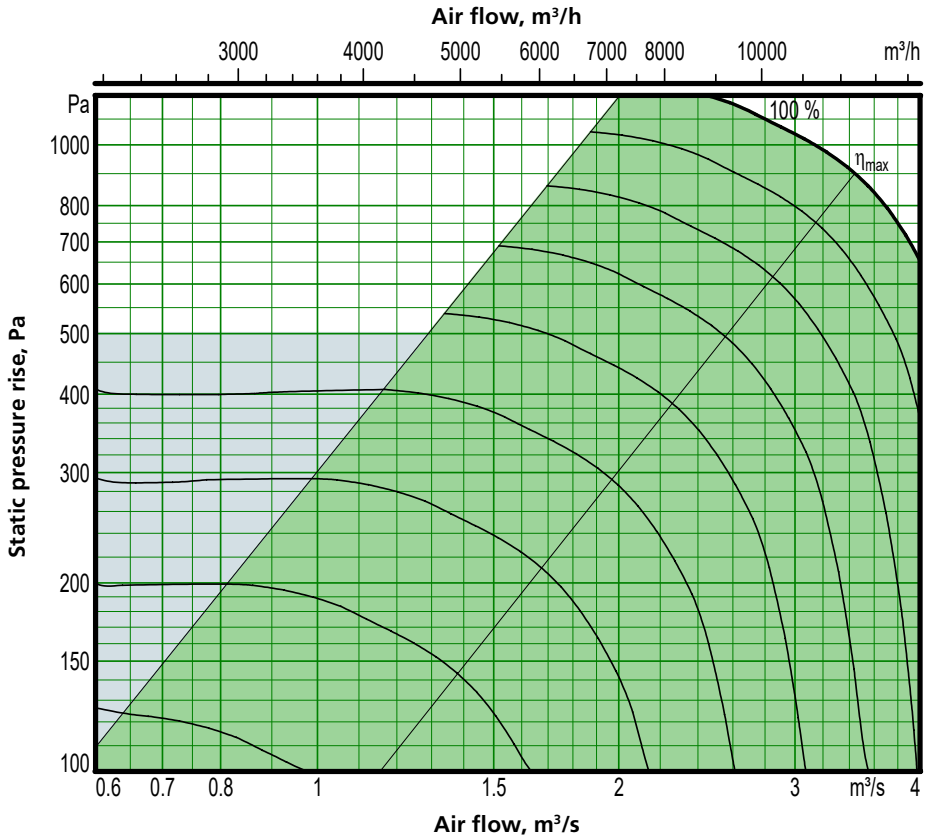
Exact sizing can be carried out in the AHU Design air handling unit selection program

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 025/030

Size 030 (Extract air fan size 025 can be selected, see the previous page)



Motor shaft power: 5.0 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
030	1800	0.50	11520	3.20

Exact sizing can be carried out in the AHU Design air handling unit selection program

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 025/030

Delivery and transport within the site

The SILVER PX 025/030 can be supplied as two units, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit. Filter/fan sections for PX and PX Top can be combined, see the section: Description of the Air Handling Unit.

The unit sections are jointed together/split by means of bolts.

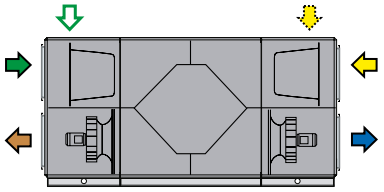
The air handling unit/unit sections is/are delivered on wooden beams.

The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

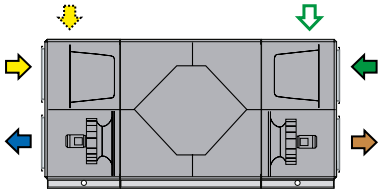
Duct connection options

A: Specify right-hand or left-hand version when ordering.

B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (does not apply to outdoor units).

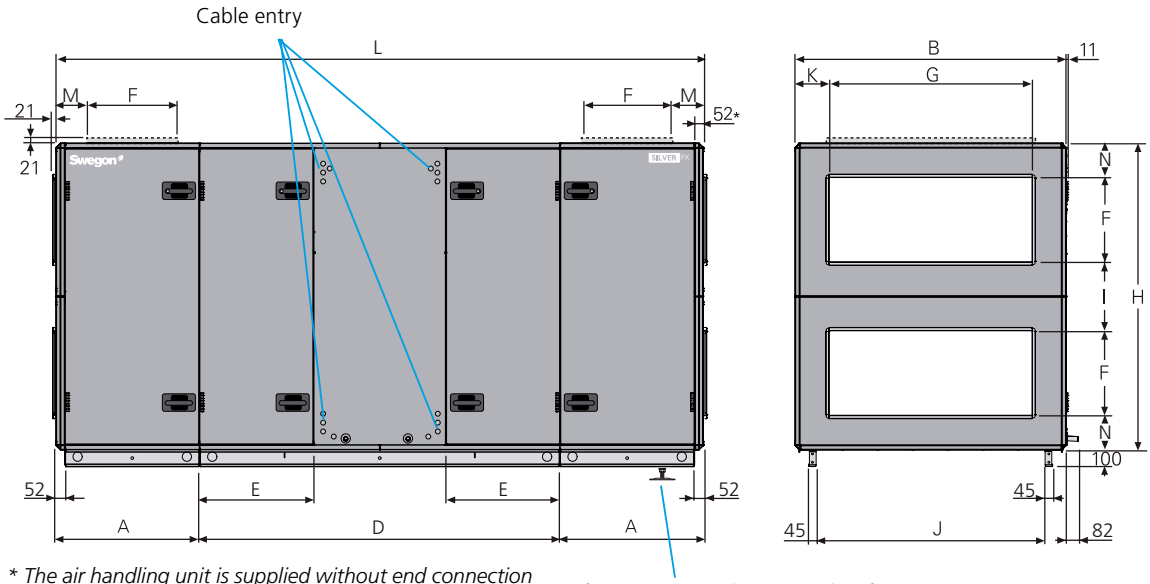


Right-hand version



Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

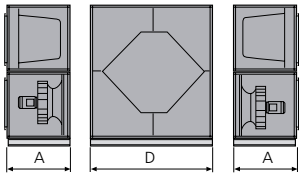


** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

Size	A	B	D	E	F	G	H	I	J	K	L	M	N	Weight, kg
025/030	847,5	1600	2130	675	500	1200	1811	405	1354	200	3825	200	203	1235-1451

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 249-345 kg, D = 737-761 kg.

Clear space for inspection

A clear space of 900 mm should be provided in front of the unit.

Rated data per fan

Size 025: Motor shaft power 2.4 kW alt. 3.4 kW, motor control system 3 x 400 V, 50 Hz, rated 4.2 A alt. 5.9 A
Size 030: Motor shaft power 4.0 kW alt. 5.0 kW, motor control system 3 x 400 V, 50 Hz, rated 7.3 A alt. 8.9 A

Electrical connection

See table Electrical data at the end of this section.

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX Top, counterflow heat exchanger, size 025/030

Delivery and transport within the site

The SILVER Top PX 025/030 can be supplied as two units, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit. Filter/fan sections for PX and PX Top can be combined, see the section: Description of the Air Handling Unit.

The unit sections are jointed together/split by means of bolts.

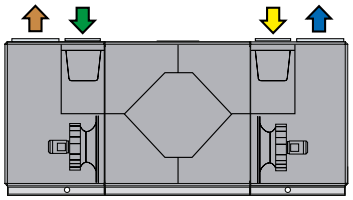
The air handling unit/unit sections is/are delivered on wooden beams.

The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

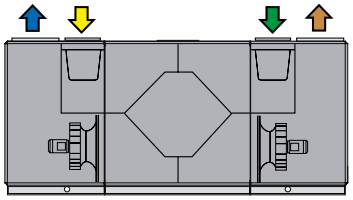
Duct connection options

A: All the duct connections are arranged from the top of the air handling unit (the unit must not be installed outdoors).

B: Specify right-hand or left-hand version when ordering.

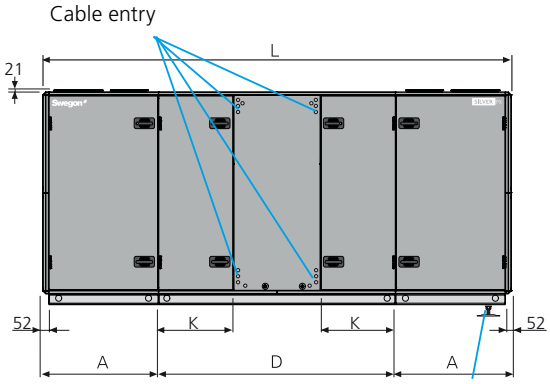


Right-hand version

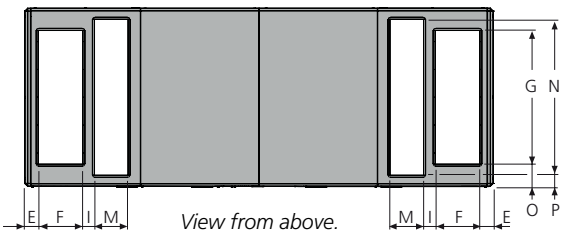


Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

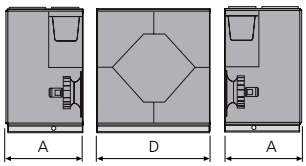


If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.



Size	A	B	D	E	F	G	H	I	J	K	L	M	N	O	P	Weight, kg
025/030	1039	1600	2130	120	400	1200	1811	106	1354	675	4208	300	1400	200	100	1375-1513

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 319-376 kg, D = 737-761 kg.

Clear space for inspection

A clear space of 1,000 mm should be provided in front of the unit.

Rated data per fan

Size 025: Motor shaft power 2.4 kW alt. 3.4 kW, motor control system 3 x 400 V, 50 Hz, rated 4.2 A alt. 5.9 A
Size 030: Motor shaft power 4.0 kW alt. 5.0 kW, motor control system 3 x 400 V, 50 Hz, rated 7.3 A alt. 8.9 A

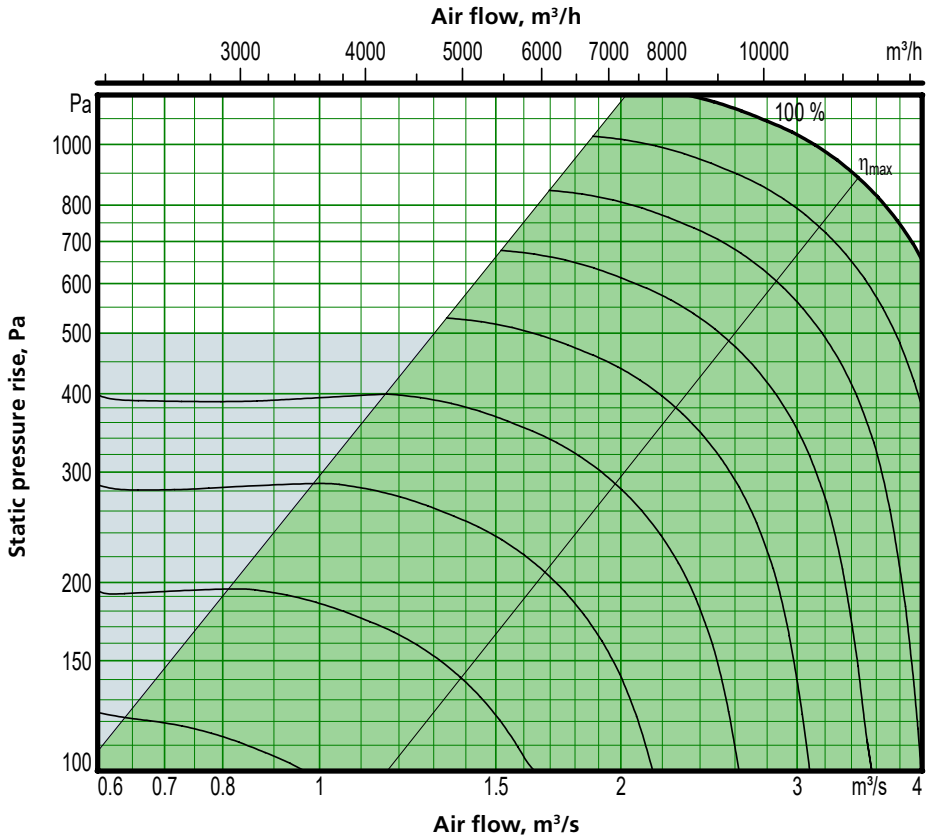
Electrical connection

See table Electrical data at the end of this section.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 035/040

Size 035 (Extract air fan size 040 can be selected, see the next page)



Motor shaft power: 5.0 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
035	1800	0.50	14040	3.90

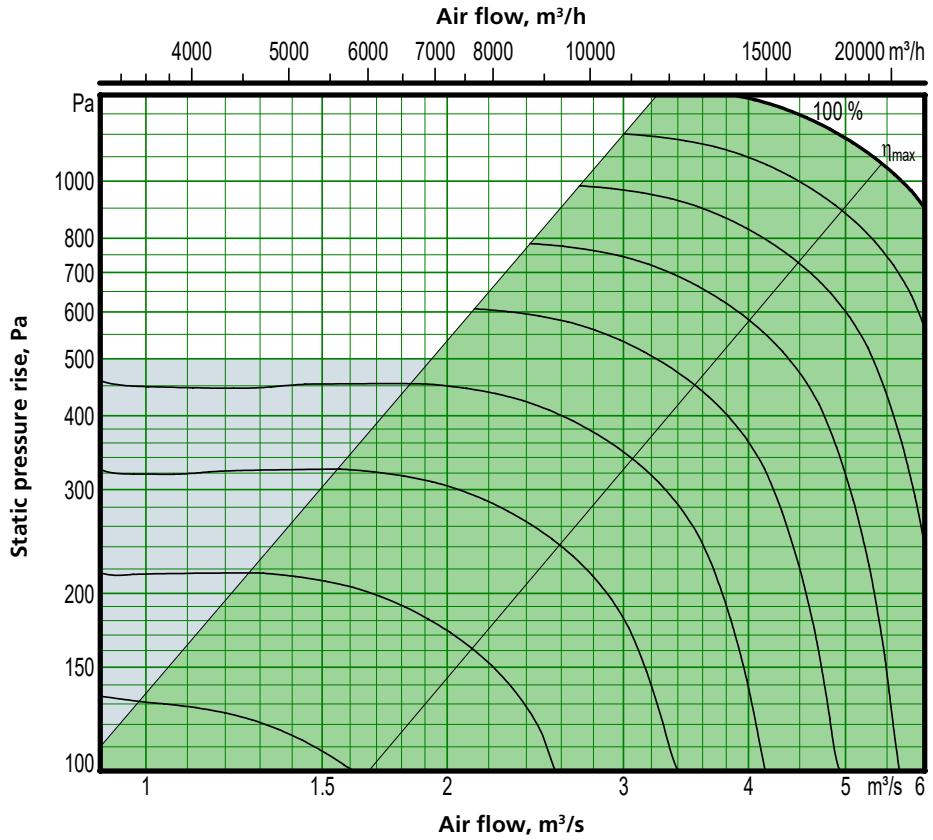
Exact sizing can be carried out in the AHU Design air handling unit selection program

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 035/040

Size 040 (Extract air fan size 035 can be selected, see the previous page)



Motor shaft power: 10 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
040	2700	0.75	18000	5.00
040+	2700	0.75	19800	5.50

Exact sizing can be carried out in the AHU Design air handling unit selection program

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 035/040

Delivery and transport within the site

The SILVER PX 035/040 can be supplied as three units, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit/Delivery Configuration RX/PX/CX, sizes 011-080. The heat exchanger section can be divided into two sections for transport on site.

The unit sections are jointed together/split by means of bolts..

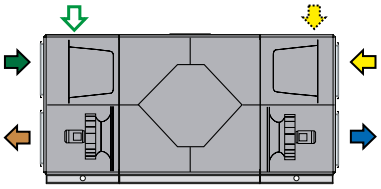
The air handling unit/unit sections is/are delivered on wooden beams.

The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

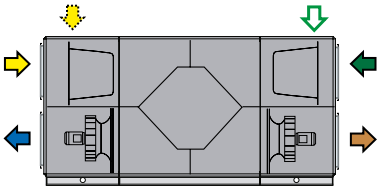
Duct connection options

A: Specify right-hand or left-hand version when ordering.

B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (Does not apply to units installed outdoors).

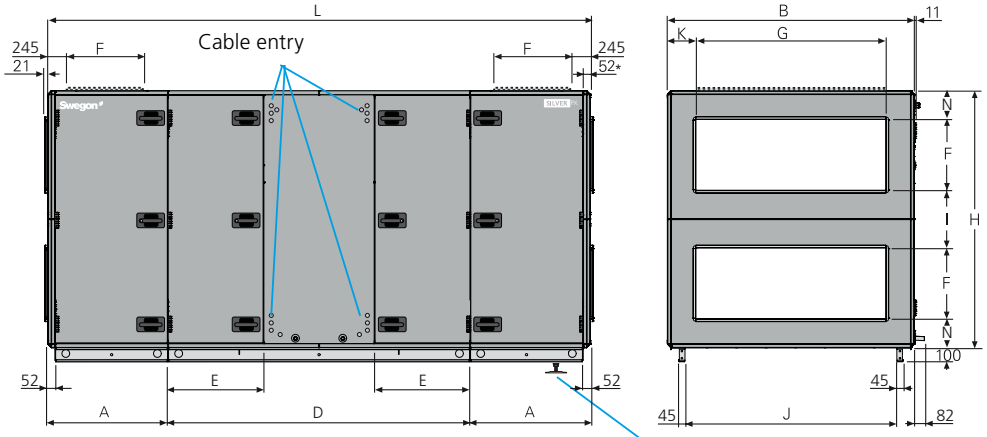


Right-hand version



Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

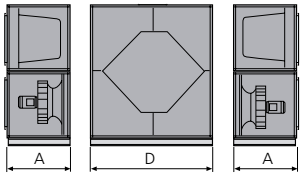


If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

Size	A	B	D	E	F	G	H	I	J	K	L	N	P1/P2	Weight, kg
035/040	1038,5	1990	2400	806	600	1400	2159	479	1744	295	4477	240	995	1999-2281

Division into sections for transport



Can be divided into four sections on the construction site.
Dimensions: See A, D and P1/P2 in the table above.
Weight: A = 377–504 kg,
D = 1 245–1273 kg.
D/P1 = 645–659 kg,
D/P2 = 600–614 kg.

Clear space for inspection

A clear space of 1100 mm should be provided in front of the unit.

Rated data per fan

Size 035: Motor shaft power: 4.0 kW alt. 5.0 kW, motor control system: 3 x 400 V, 50 Hz, nom. 7.3 A alt. 8.9 A

Size 040: Motor shaft power: 6.5 kW alt. 10 kW, motor control system: 3 x 400 V, 50 Hz, nom. 11.4 A alt. 16 A

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 040+

Delivery and transport within the site

SILVER PX 040+ is always supplied as four units, two fan/filter sections and the heat exchanger section in two parts.

The unit sections are jointed together/split by means of bolts.

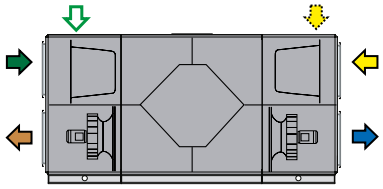
The air handling unit/unit sections is/are delivered on wooden beams.

The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

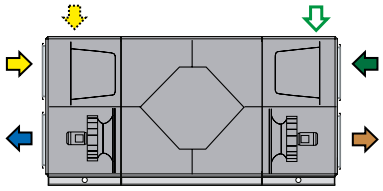
Duct connection options

A: Specify right-hand or left-hand version when ordering.

B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (does not apply to outdoor units).

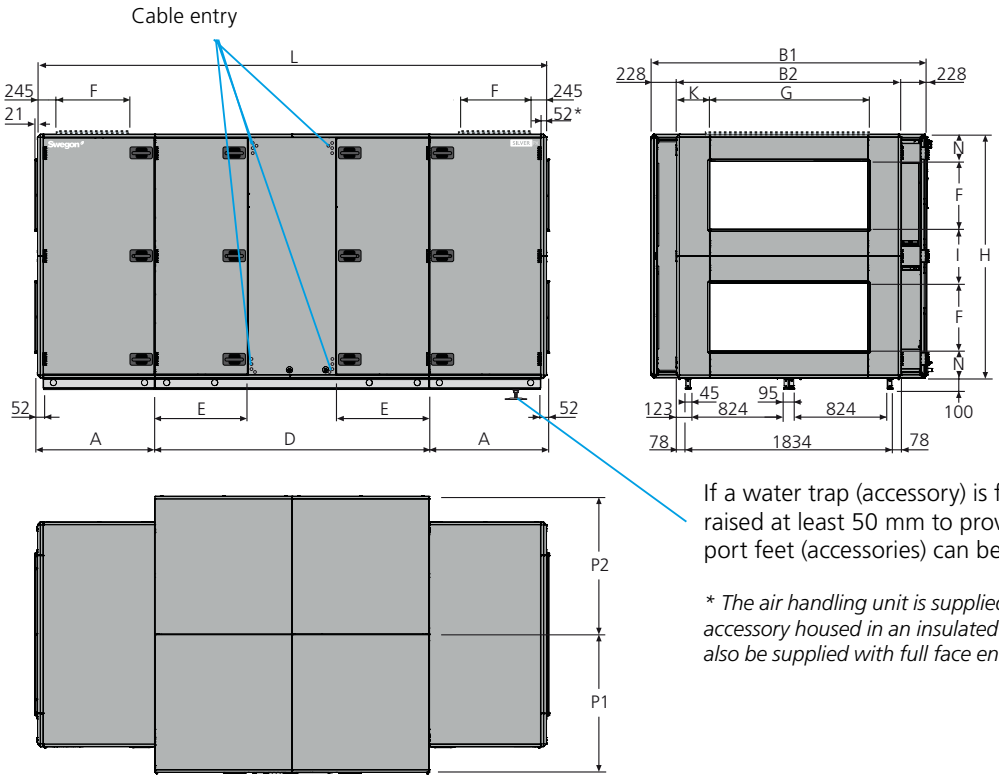


Right-hand version



Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

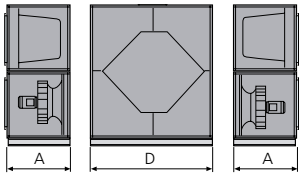


If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

Size	A	B1	B2	D	E	F	G	H	I	K	L	N	P1/P2	Weight, kg
040+	1038.5	2446	1990	2430	821	600	1400	2159	479	295	4507	240	1223	2180-2462

Division into sections for transport



Dimensions and weights of the four delivery units.
Dimensions: See A, D and P1/P2 in the table above.
Weight: A = 377-504 kg,
D/P1 = 733-747 kg,
D/P2 = 693-707 kg.

Clear space for inspection

A clear space of 1100 mm should be provided in front of the unit.

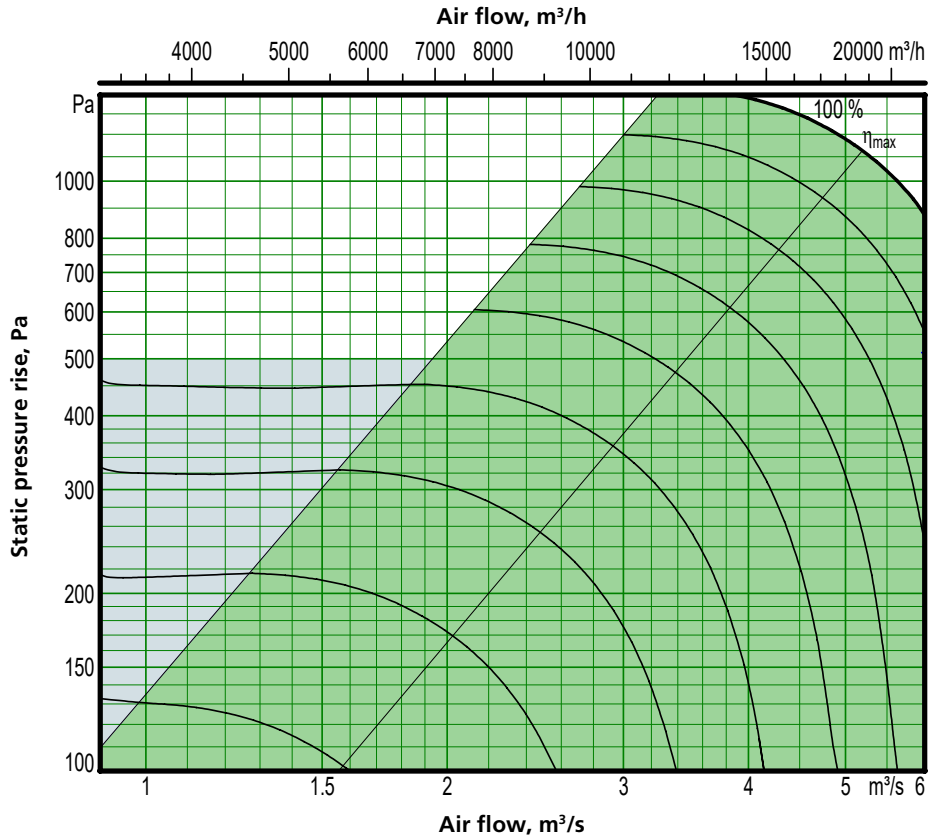
Rated data per fan

Size 040: Motor shaft power: 6.5 kW or 10 kW, motor control system: 3 x 400 V, 50 Hz

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 050+/060+

Size 050 (Extract air fan size 060 can be selected, see the next page)



Motor shaft power 10 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero. However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
050+	2,700	0.75	21,600	6.00

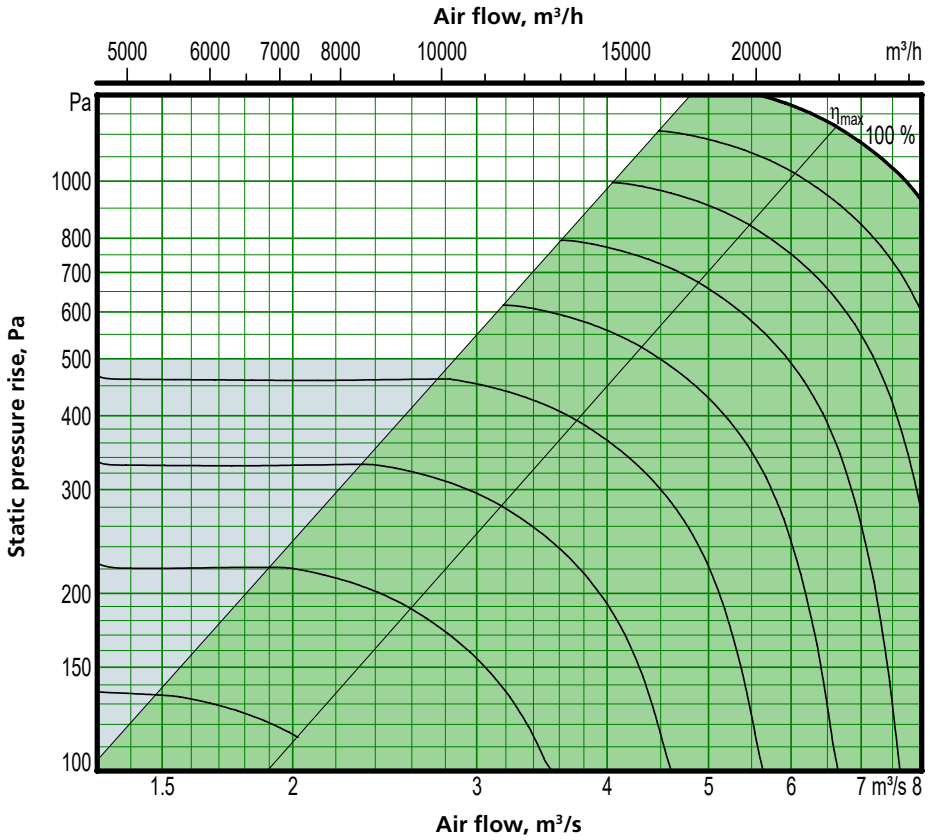
Exact sizing can be carried out in the AHU Design air handling unit selection program

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 050+/060+

Size 060 (Extract air fan size 050 can be selected, see the previous page)



Motor shaft power: 2 x 6.5 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero. However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
060+	3,600	1.00	23,400	6.50

Exact sizing can be carried out in the AHU Design air handling unit selection program

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 050+/060+

Delivery and transport within the site

SILVER PX 050+/060+ is always supplied as four units, two fan/filter sections and the heat exchanger section in two parts.

The unit sections are jointed together/split by means of bolts.

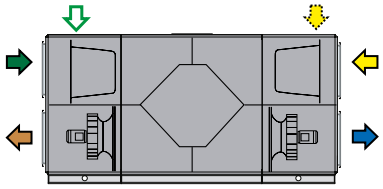
The air handling unit/unit sections is/are delivered on wooden beams.

The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.

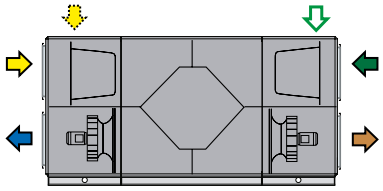
Duct connection options

A: Specify right-hand or left-hand version when ordering.

B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (does not apply to outdoor units). N.B.! Duct connection size: 2000 x 600 mm.

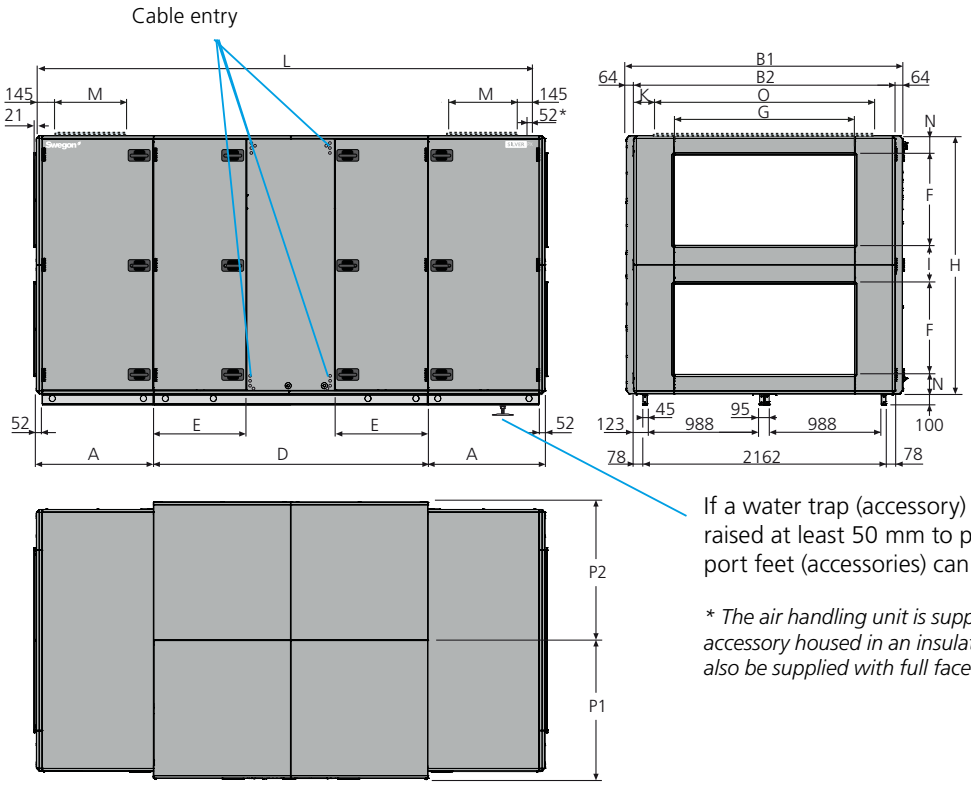


Right-hand version



Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

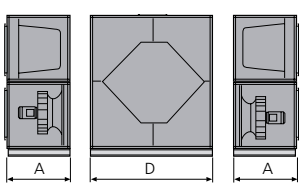


If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

Size	A	B1	B2	D	E	F	G	H	I	K	L	M	N	O	P1/P2	Weight, kg
050+/060+	1038.5	2446	2318	2430	821	800	1600	2288	344	359	4507	600	172	2000	1223	2290-2690

Division into sections for transport



Dimensions and weights of the four delivery units.
Dimensions: See A, D and P1/P2 in the table above.
Weight: A = 444-630 kg, D/P1 = 721-695 kg, D/P2 = 681-735 kg.

Clear space for inspection

A clear space of 1100 mm should be provided in front of the unit.

Rated data per fan

Size 050: Motor shaft power: 6.5 kW or 10 kW, motor control system: 3 x 400 V, 50 Hz

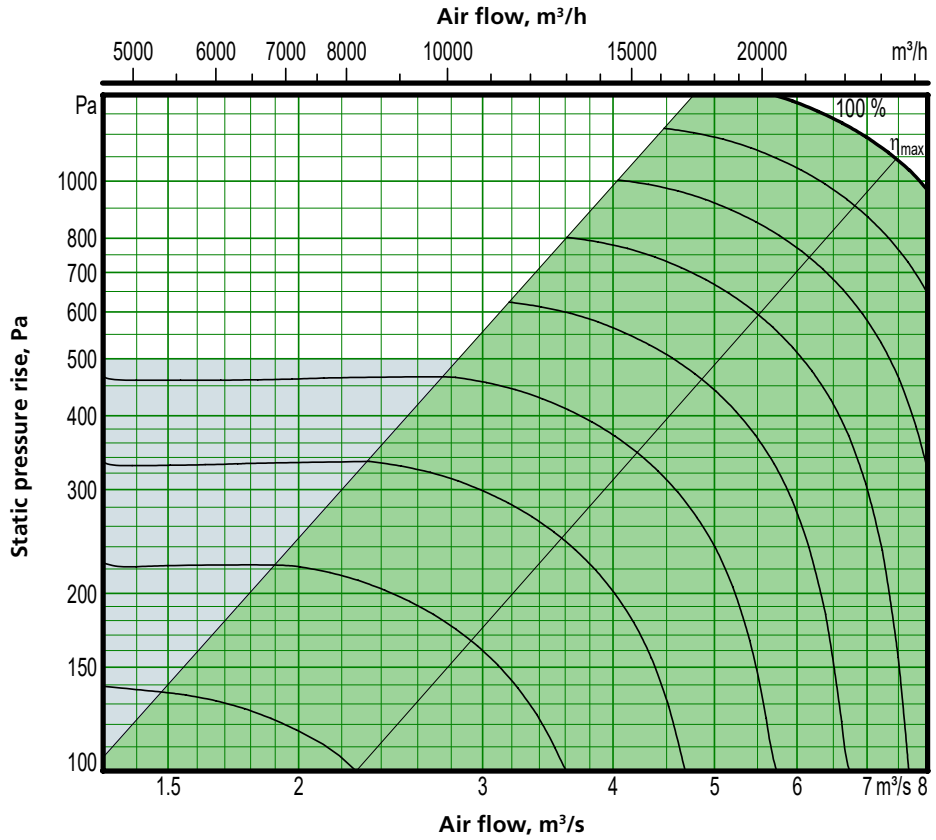
Size 060: Motor shaft power: 2 x 4.0 kW or 2 x 6.5 kW, motor control system: 3 x 400 V, 50 Hz

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX, counterflow heat exchanger, size 070/080

Size 070 (Extract air fan size 080 can be selected, see the next page)



Motor shaft power 2 x 6.5 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero. However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

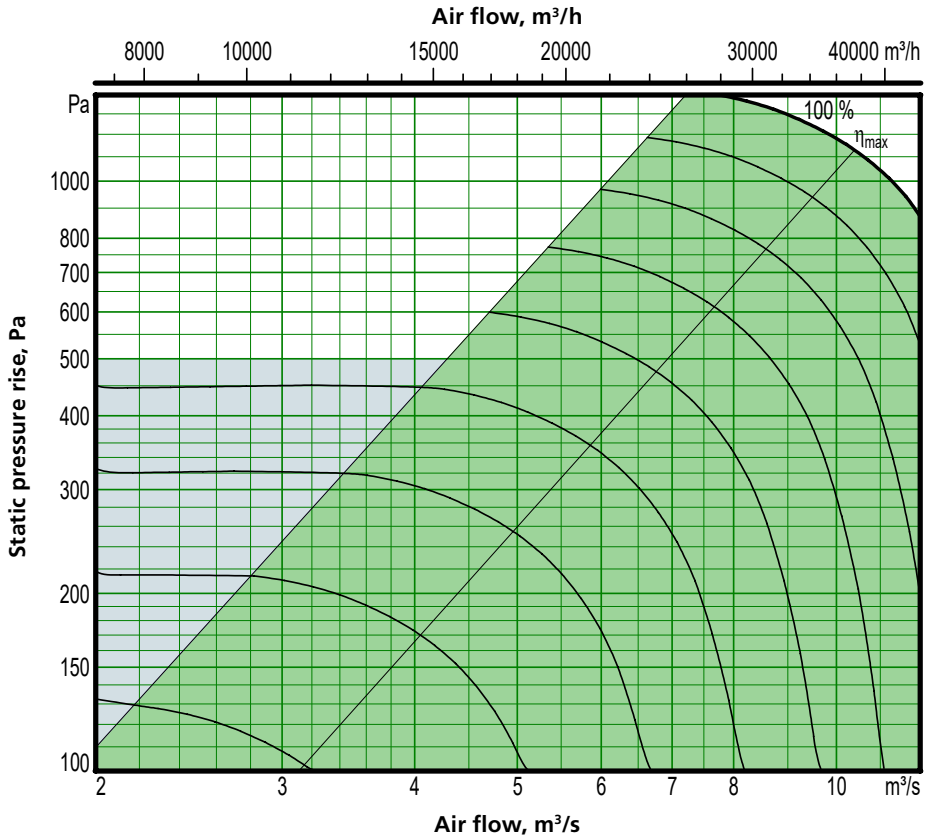
Size	Min. air flow on airflow regulation)		Max. air flow	
	m³/h	m³/s	m³/h	m³/s
070	3600	1.00	28800	8.00

Exact sizing can be carried out in the AHU Design air handling unit selection program

Sizing, installation, dimensions and weights

SILVER PX counterflow heat exchanger, size 070/080

Size 080(Extract air fan size 070 can be selected, see previous page)



Motor shaft power 2 x 10 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero. However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The specified flows refer to what is possible to set in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. air flow (on airflow regulation)		Max. air flow	
	m³/h	m³/s	m³/h	m³/s
080	5400	1.50	34200	9.50

Exact sizing can be carried out in the AHU Design air handling unit selection program

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER PX counterflow heat exchanger, size 070/080

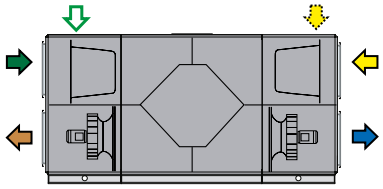
Delivery and on-site transportation

The SILVER PX 070/080 is always supplied as four units, two fan/filter sections and the heat exchanger in two parts.

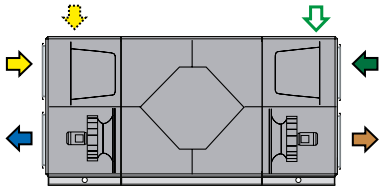
The unit sections are jointed together/split by means of bolts.

The air handling unit/unit sections is/are delivered on wooden beams.

The drain pipe on the front of the air handling unit can be removed, if required, for transporting the unit within the building site.



Right-hand version



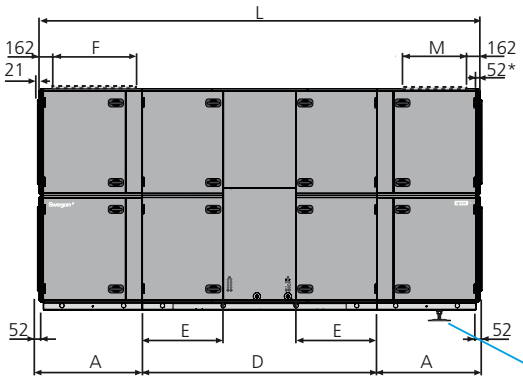
Left-hand version

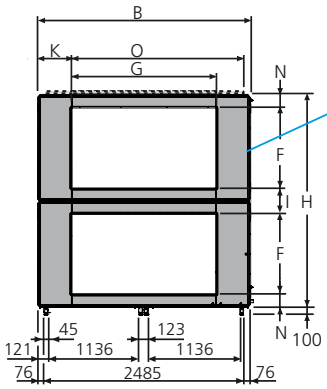
Outdoor air | Supply air | Extract air | Exhaust air

Duct connection options

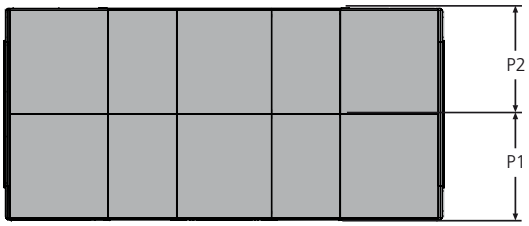
A: Specify right-hand or left-hand version when ordering.

B: Specify whether the unit shall have an air intake from above for outdoor air and/or extract air when placing orders (does not apply to outdoor units). N.B.! Duct connection size: 2400 x 750 mm.





Electrical connection

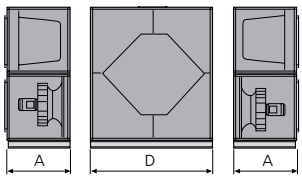


If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose.

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory)..*

Size	A	B	D	E	F	G	H	I	K	L	M	N	O	P1/P2	Weight, kg
070/080	1273.5	2637	2896	999	1000	1800	2640	320	418.5	5443	750	160	2400	1318.5	3258 - 3750

Division into sections for transport



Dimensions and weights of the four delivery units.
Dimensions: See A, D and P1/P2 in the table above.
Weight: A = 444 - 630 kg, D/P1 = 1,205 - 1,265 kg, D/P2 = 1,165 - 1,225 kg.

Clear space for inspection

A clear space of 1100 mm should be provided in front of the unit.

Rated data per fan

Size 070: Motor shaft power 2 x 4.0 kW or 2 x 6.5 kW, motor control system 3 x 400 V, 50 Hz

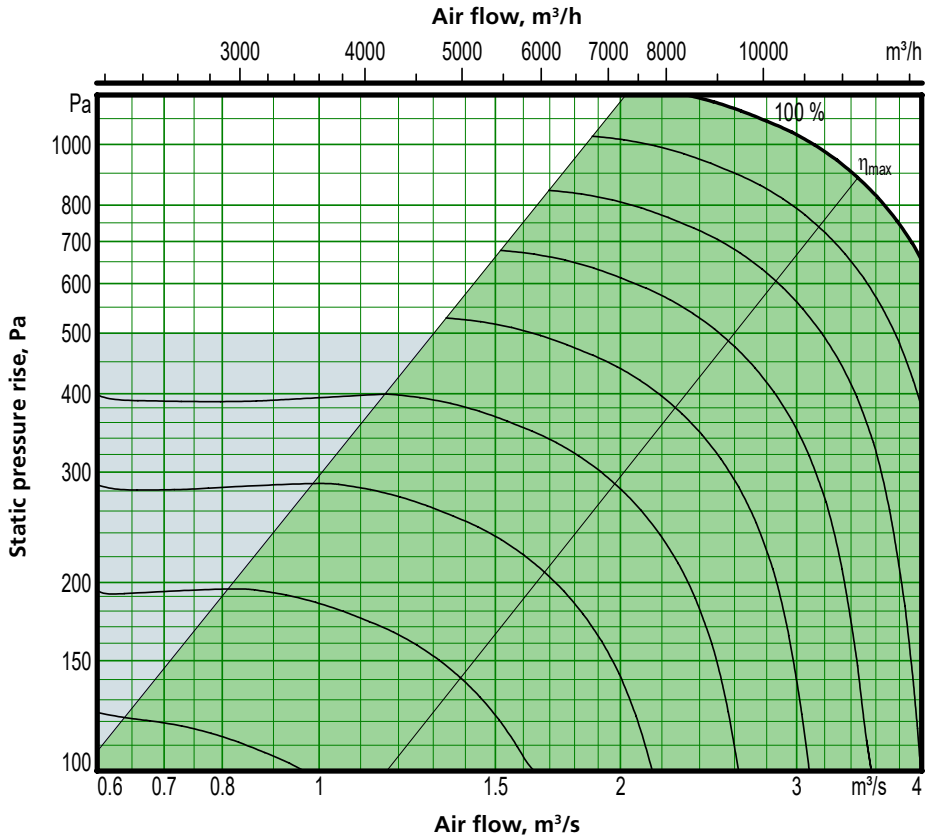
Size 080: Motor shaft power 2 x 6.5 kW or 2 x 10 kW*, motor control system 3 x 400 V, 50 Hz

** Two fans/motor control systems per airflow direction.*

Sizing, installation, dimensions and weights

SILVER CX, coil heat exchangers, size 035/040

Size 035 (Extract air fan size 040 can be selected, see the next page)



Motor shaft power: 5.0 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
035	1800	0.50	14040	3.90

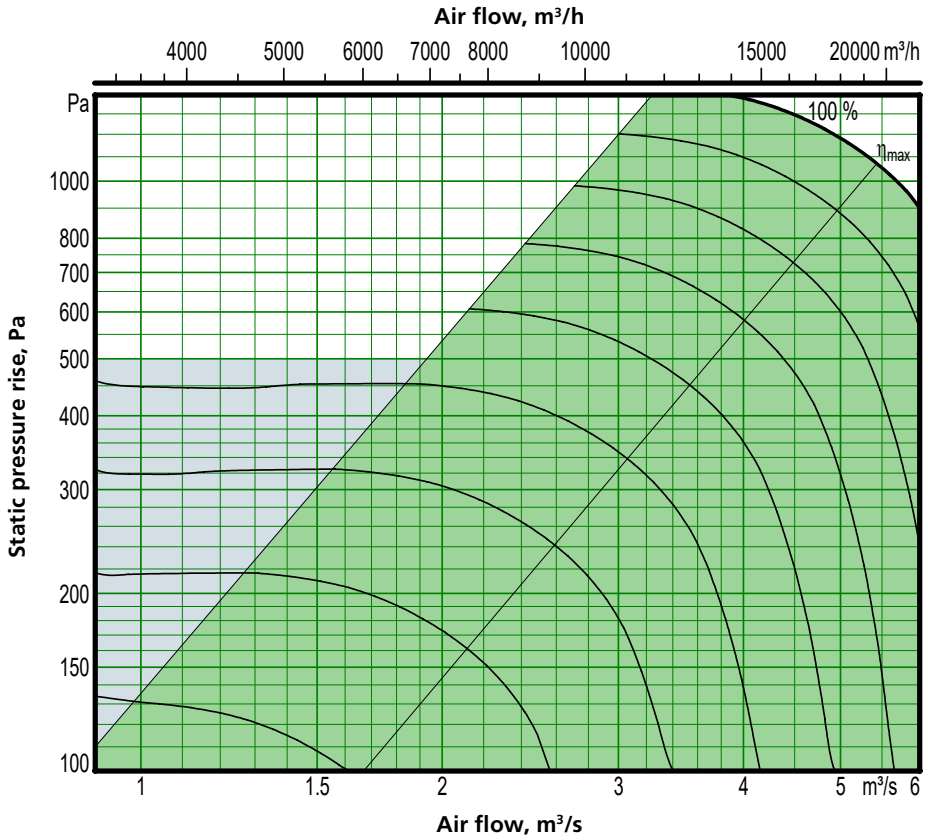
Exact sizing can be carried out in the AHU Design air handling unit selection program

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER CX, coil heat exchangers, size 035/040

Size 040 (Extract air fan size 035 can be selected, see the previous page)



Motor shaft power: 10 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
040	2700	0.75	18000	5.00

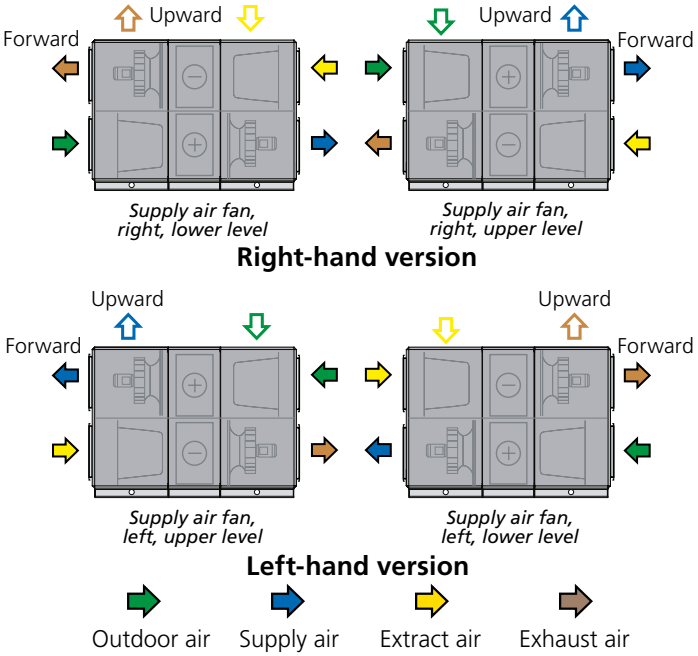
Exact sizing can be carried out in the AHU Design air handling unit selection program

Sizing, installation, dimensions and weights

SILVER CX, coil heat exchangers, size 035/040

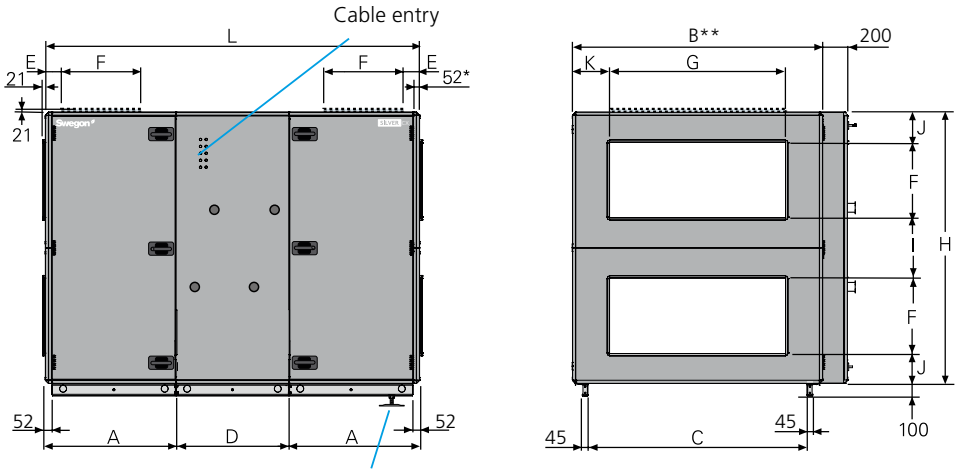
Delivery and transport within the site

The SILVER CX 035/040 can be supplied in three units, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit/ Delivery Configuration RX/PX/CX, sizes 011-080.
The pipework package can be ordered as an accessory and will be supplied in unassembled condition for floor or wall mounting (See TBXZ pipework package under Accessories).
The unit sections are jointed together/split by means of bolts.
The air handling unit/unit sections is/are delivered on wooden beams.



Duct connection options

A: Specify right-hand or left-hand version when ordering.
B: The arrangement of the functional sections can be vertically reversed. To be specified when placing an order, see the illustration to the right.
C: Specify upper fan outlet for upward air discharge when placing orders (not for outdoor units).
D: Specify whether the unit shall have an air intake from above for outdoor air or extract air when placing orders (Does not apply to units installed outdoors).

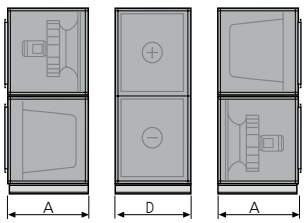


If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Support feet (accessories) can be used for this purpose. Applies to right-hand version with the supply air fan to the upper right and to left-hand version with the supply air fan to the upper left.
** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

*** Width of centre section's casing = B + 200 mm.*

Size	A	B	C	D	E	F	G	H	I	J	K	L	Weight, kg
035/040	1038.5	1990	1744	900	245	600	1400	2159	479	240	295	2977	1645-1899

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 377-504 kg, D = 891 kg.

Clear space for inspection

A clear space of 1100 mm should be provided in front of the unit.

Rated data per fan

Size 035: Motor shaft power: 4.0 kW alt. 5.0 kW, motor control system: 3 x 400 V, 50 Hz, nom. 7.3 A alt. 8.9 A

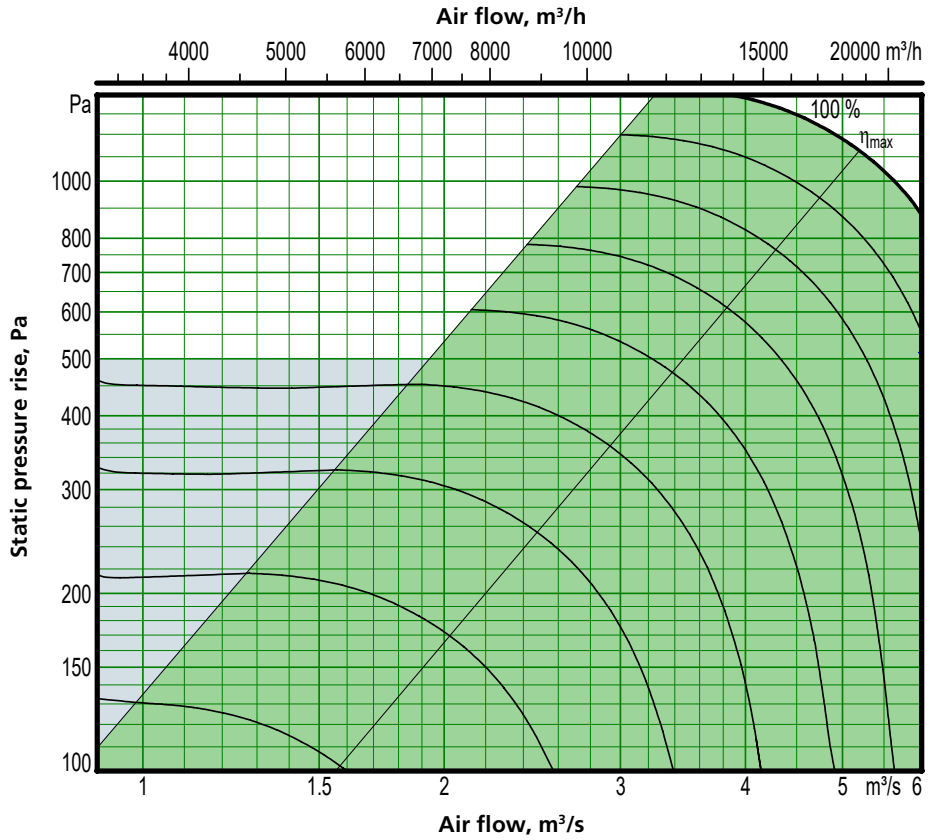
Size 040: Motor shaft power: 6.5 kW alt. 10 kW, motor control system: 3 x 400 V, 50 Hz, nom. 11.4 A alt. 16 A

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER CX, coil heat exchangers, size 050/060

Size 050 (Extract air fan size 060 can be selected, see the next page)



Motor shaft power: 10 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

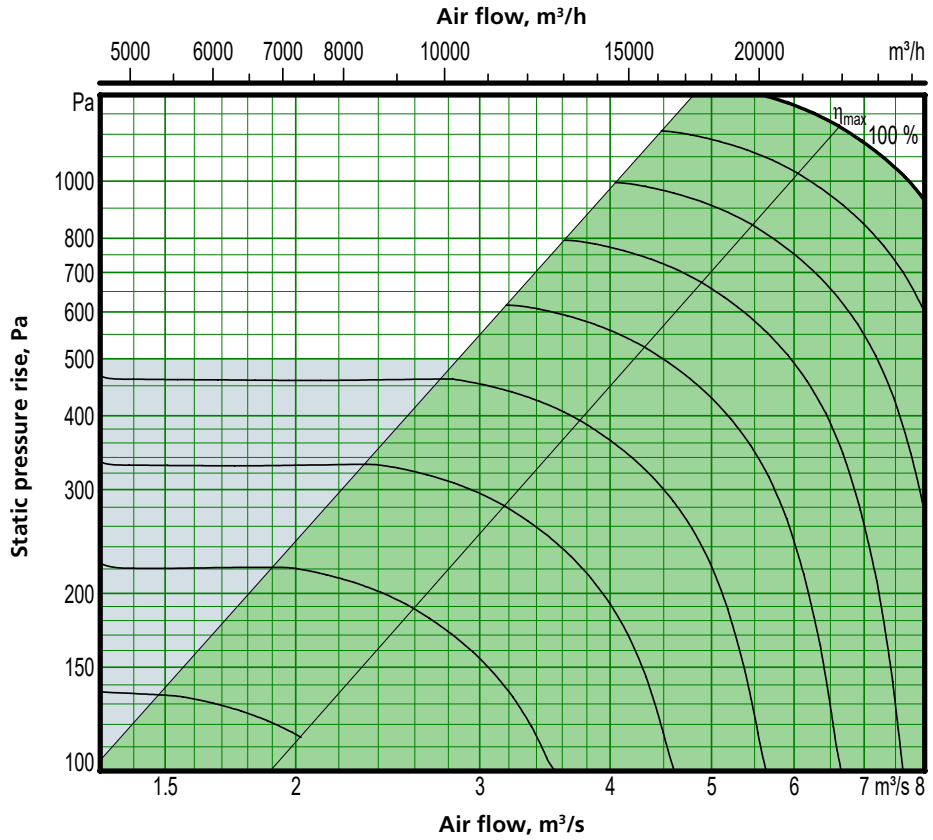
Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
050	2700	0.75	18000	5.00

Exact sizing can be carried out in the AHU Design air handling unit selection program

Sizing, installation, dimensions and weights

SILVER CX, coil heat exchangers, size 050/060

Size 060 (Extract air fan size 050 can be selected, see the previous page)



Motor shaft power: 2 x 6.5 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
060	3600	1.00	23400	6.50

Exact sizing can be carried out in the AHU Design air handling unit selection program

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER CX, coil heat exchangers, size 050/060

Delivery and transport within the site

The SILVER CX 050/060 can be supplied in three units, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit/ Delivery Configuration RX/PX/CX, sizes 011-080.

The pipework package can be ordered as an accessory and will be supplied in unassembled condition for floor or wall mounting (See TBXZ pipework package under Accessories).

The unit sections are jointed together/split by means of bolts.

The air handling unit/unit sections is/are delivered on wooden beams.

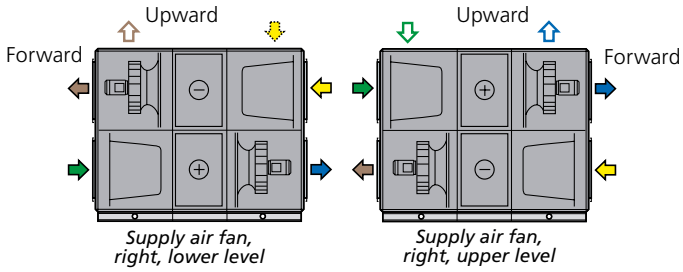
Duct connection options

A: Specify right-hand or left-hand version when ordering.

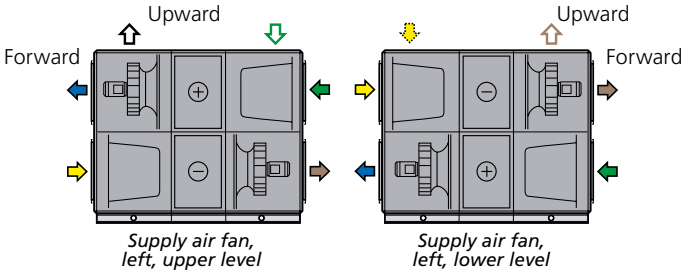
B: The arrangement of the functional sections can be vertically reversed. To be specified when placing an order, see the illustration to the right.

C: Specify upper fan outlet for upward air discharge when placing orders (not for outdoor units).

D: Specify whether the unit shall have an air intake from above for outdoor air or extract air when placing orders (Does not apply to units installed outdoors). N.B.! Duct connection size: 2,000 x 600 mm.



Right-hand version

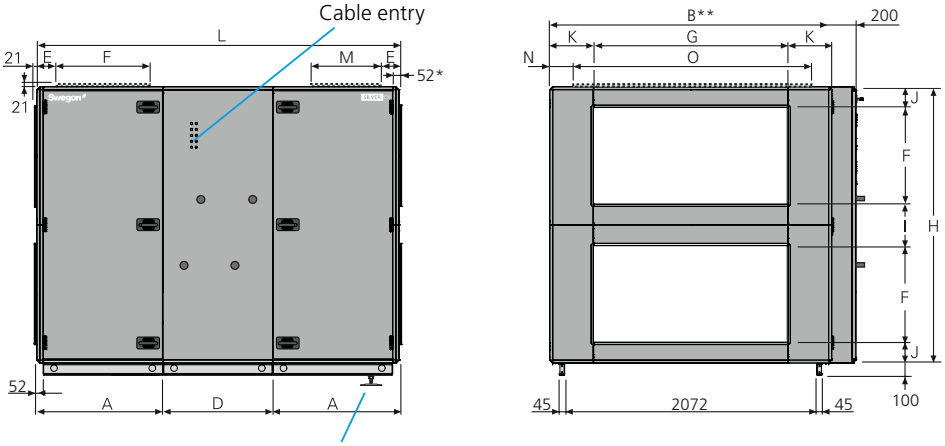


Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

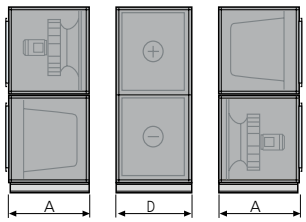
*** Width of centre section's casing = B + 200 mm.*



If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Adjustable support feet (accessories) can be appropriately fitted to the base beams for this purpose. Applies to right-hand version with the supply air fan to the upper right and to left-hand version with the supply air fan to the upper left.

Size	A	B	D	E	F	G	H	I	J	K	L	M	N	O	Weight, kg
050/060	1038,5	2318	900	145	800	1600	2288	344	172	359	2977	600	159	2000	1971-2343

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 444-630 kg, D = 1083 kg.

Clear space for inspection

A clear space of 1100 mm should be provided in front of the unit.

Rated data per fan

Size 050: Motor shaft power: 6.5 kW alt. 10 kW, motor control system: 3 x 400 V, 50 Hz, nom. 11.4 A alt. 16 A

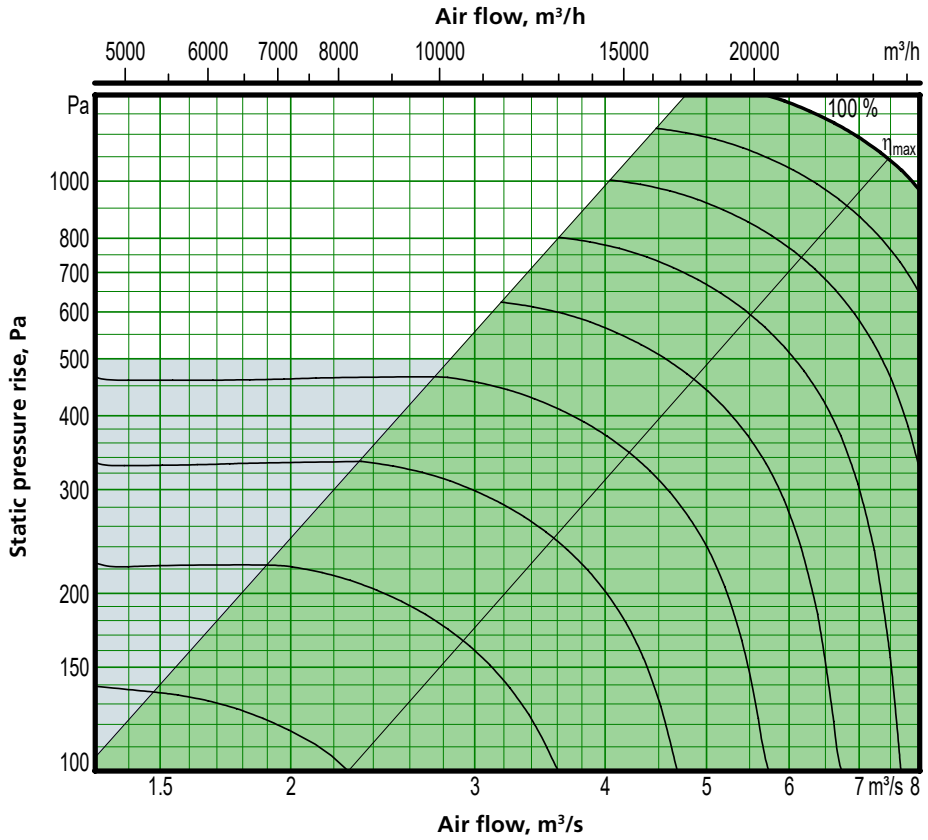
Size 060: Motor shaft power: 2 x 4.0 kW alt. 2 x 6.5 kW,* motor control system: 3 x 400 V, 50 Hz, rated 7.3 A alt. 11.2 A

** Two fans/motor control systems per airflow direction.*

Sizing, installation, dimensions and weights

SILVER CX, coil heat exchangers, size 070/080

Size 070 (Extract air fan size 080 can be selected, see the next page)



Motor shaft power: 2 x 6.5 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
070	3600	1.00	27000	7.50

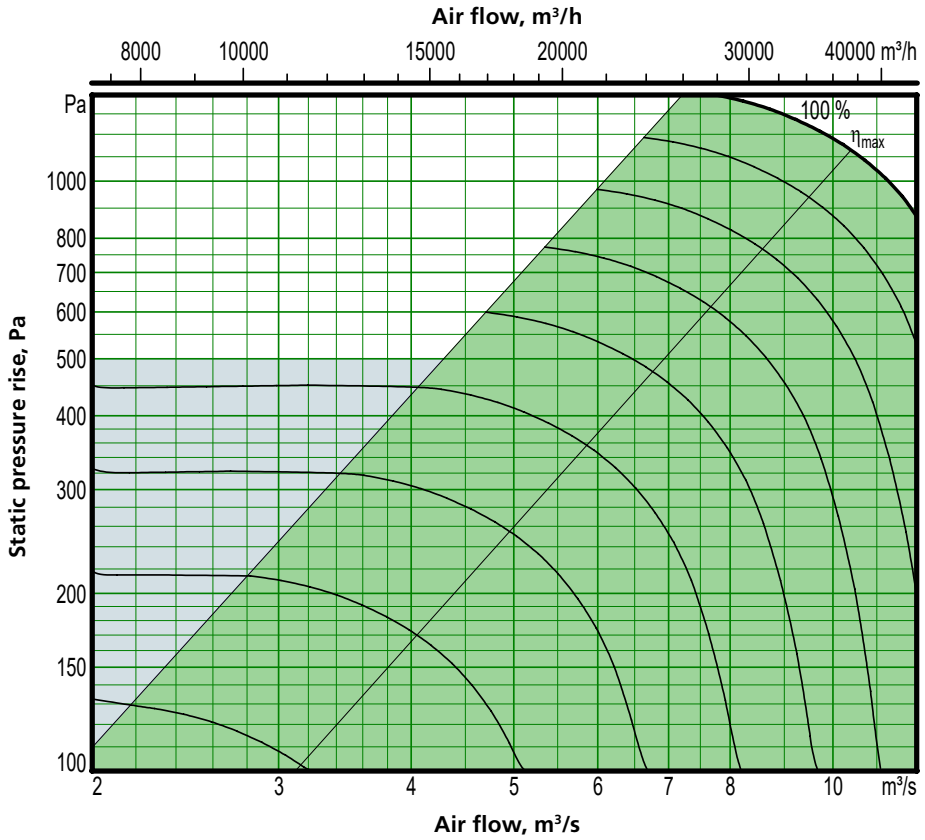
Exact sizing can be carried out in the AHU Design air handling unit selection program

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER CX, coil heat exchangers, size 070/080

Size 080 (Extract air fan size 070 can be selected, see the previous page)



Motor shaft power: 2 x 10 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. airflows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
080	5400	1.50	34200	9.50

Exact sizing can be carried out in the AHU Design air handling unit selection program

Sizing, installation, dimensions and weights

SILVER CX, coil heat exchangers, size 070/080

Delivery and transport within the site

The SILVER CX 070/080 can be supplied in three units, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit/ Delivery Configuration RX/PX/CX, sizes 011-080.

The pipework package can be ordered as an accessory and will be supplied in unassembled condition for floor or wall mounting (See TBXZ pipework package under Accessories).

The unit sections are jointed together/split by means of bolts.

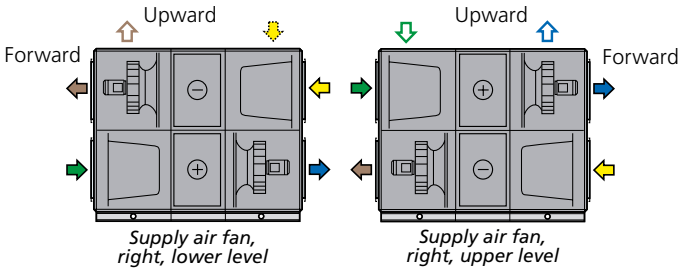
Duct connection options

A: Specify right-hand or left-hand version when ordering.

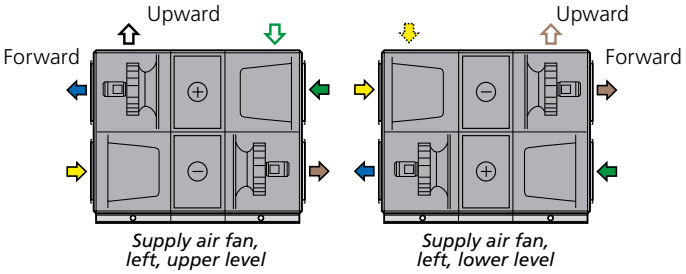
B: The arrangement of the functional sections can be vertically reversed. To be specified when placing an order, see the illustration to the right.

C: Specify upper fan outlet for upward air discharge when placing orders (not for outdoor units).

D: Specify whether the unit shall have an air intake from above for outdoor air or extract air when placing orders (Does not apply to units installed outdoors). N.B.! Duct connection size: 2,400 x 750 mm.



Right-hand version

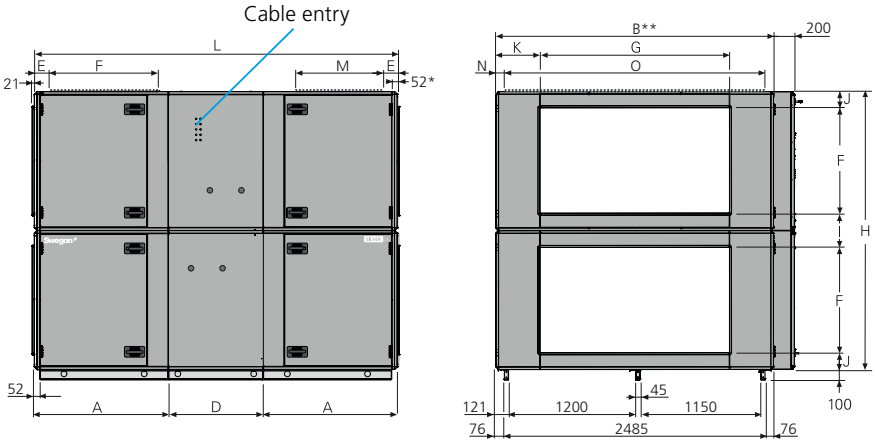


Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

** The air handling unit is supplied without end connection panel if a duct accessory housed in an insulated casing will be connected. The AHU can also be supplied with full face end connection panel (accessory).*

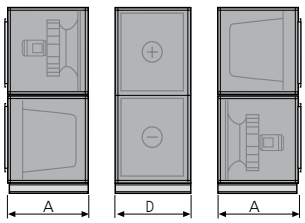
*** Width of centre section's casing = B + 200 mm.*



If a water trap (accessory) is fitted, the air handling unit must be raised at least 50 mm to provide space for the water trap. Adjustable support feet (accessories) can be appropriately fitted to the base beams for this purpose. Applies to right-hand version with the supply air fan to the upper right and to left-hand version with the supply air fan to the upper left.

Size	A	B	D	E	F	G	H	I	J	K	L	M	N	O	Weight, kg
070/080	1273,5	2637	900	162	1000	1800	2640	320	160	418,5	3447	750	118,5	2400	2989-3329

Division into sections for transport



The unit can be divided into three sections at the building site.
Dimensions: See A and D in the table above.
Weight: A = 786-956 kg, D = 1417 kg.

Clear space for inspection

A clear space of 1,100 mm should be provided in front of the unit.

Rated data per fan

Size 070: Motor shaft power: 2 x 4.0 kW alt. 2 x 6.5 kW, motor control system: 3 x 400 V, 50 Hz, nom. 7.3 A alt. 11.2 A*

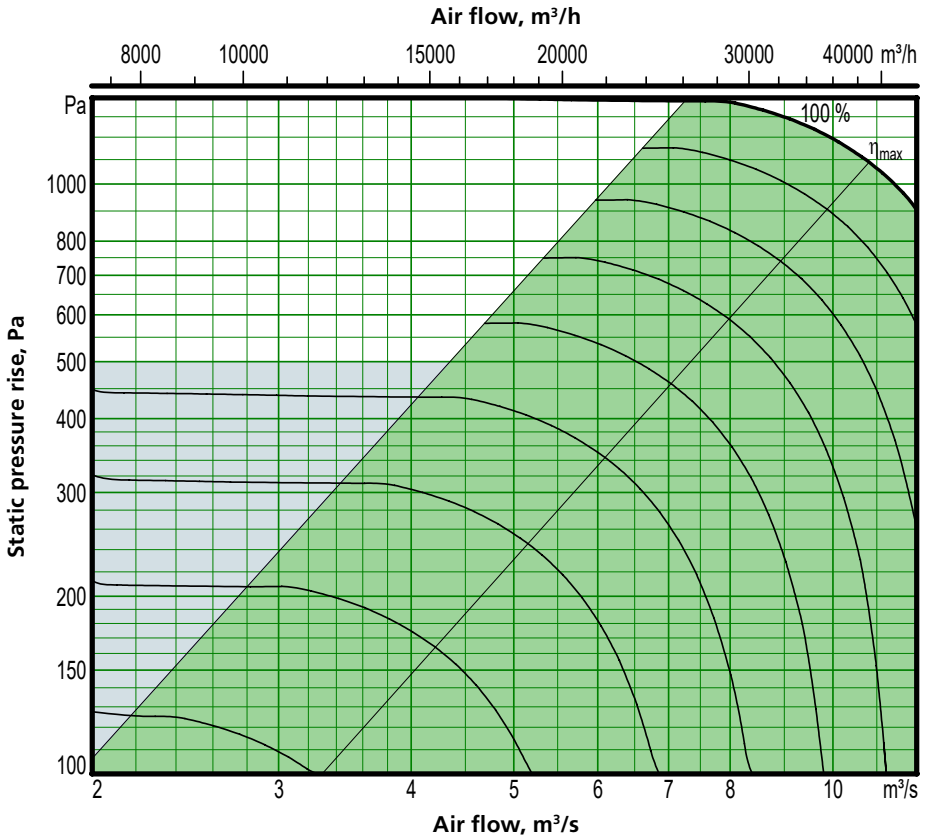
Size 080: Motor shaft power: 2 x 6.5 kW alt. 2 x 10 kW*, motor control system: 3 x 400 V, 50 Hz, nom. 11.4 A alt. 16 A

** Two fans/motor control systems per airflow direction.*

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER CX, coil heat exchangers, size 100



Motor shaft power: 2 x 10 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. air flows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
100	5400	1.50	39600	11.0

Exact sizing can be carried out in the AHU Design air handling unit selection program

Sizing, installation, dimensions and weights

SILVER CX, coil heat exchangers, size 100

Delivery and transport within the site

The SILVER CX 100 is supplied as six separate sections: Two fan sections, two filter sections and two coil heat exchanger sections. The six sections must be fitted together at the building site.

The pipework package can be ordered as accessories and are supplied in unassembled condition for floor or wall mounting (see TBXZ pipework package under Accessories).

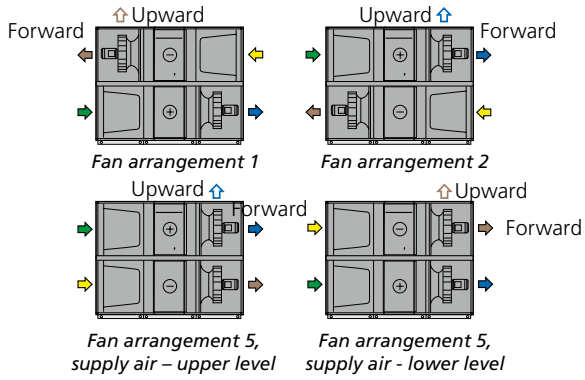
The six unit sections are to be jointed together/split by means of bolts.

Duct connection options

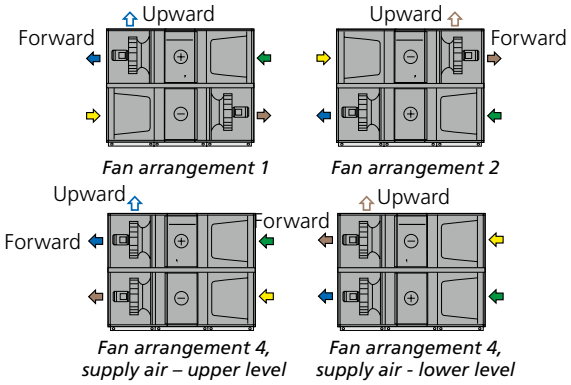
A: Specify right-hand or left-hand version when ordering.

B: The arrangement of the functional sections can vary. Specify this by selecting fan arrangement 1, 2, 4 or 5 when placing orders. For fan arrangement 4 and 5, you should also specify: supply air in upper or lower level.

C: Specify upper fan outlet for upward air discharge when placing orders (not for outdoor units). N.B.! Duct connection size: 2,500 x 800 mm.



Right-hand version

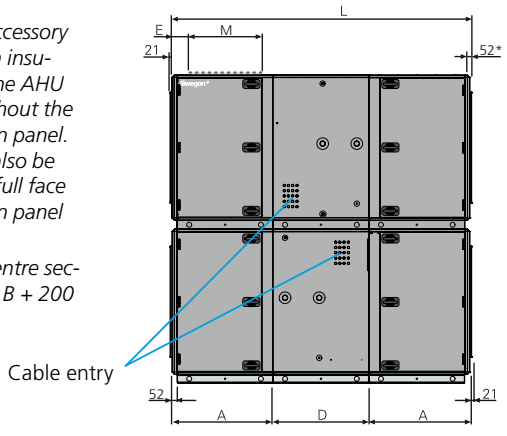


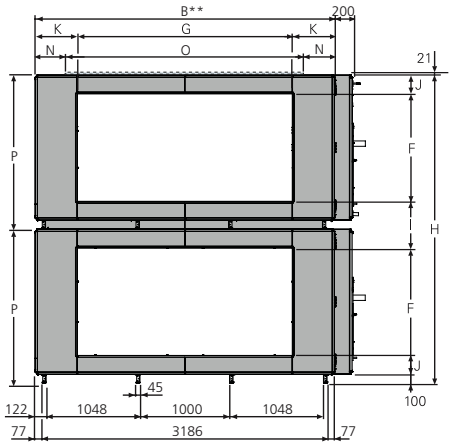
Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

** If the duct accessory is housed in an insulated casing, the AHU is supplied without the end connection panel. The AHU can also be supplied with full face end connection panel (accessory).*

*** Width of centre section's casing = B + 200 mm.*





If extract air flows through the lower level: The air handling unit must be raised at least 50 mm (Higher than the upper edge of the base beams) to provide space for the water trap.

Size	A	B	D	E	F	G	H	I	J	K	L	M	N	O	P	Weight, kg
100	1122	3340	1070	187	1200	2400	3440	520	210	470	3314	800	420	2500	1720	4294-4772

Transport, dimensions and weights

Filter and fan sections

See dimensions A and P in the table above.
Weight: fan section = 644-720 kg, filter section = 402-540 kg.

Heat exchanger sections

See dimensions D and P in the table above.
Weight: Heat exchanger section = 1101-1126 kg.

Clear space for inspection

A clear space of 1,000 mm should be provided in front of the unit.

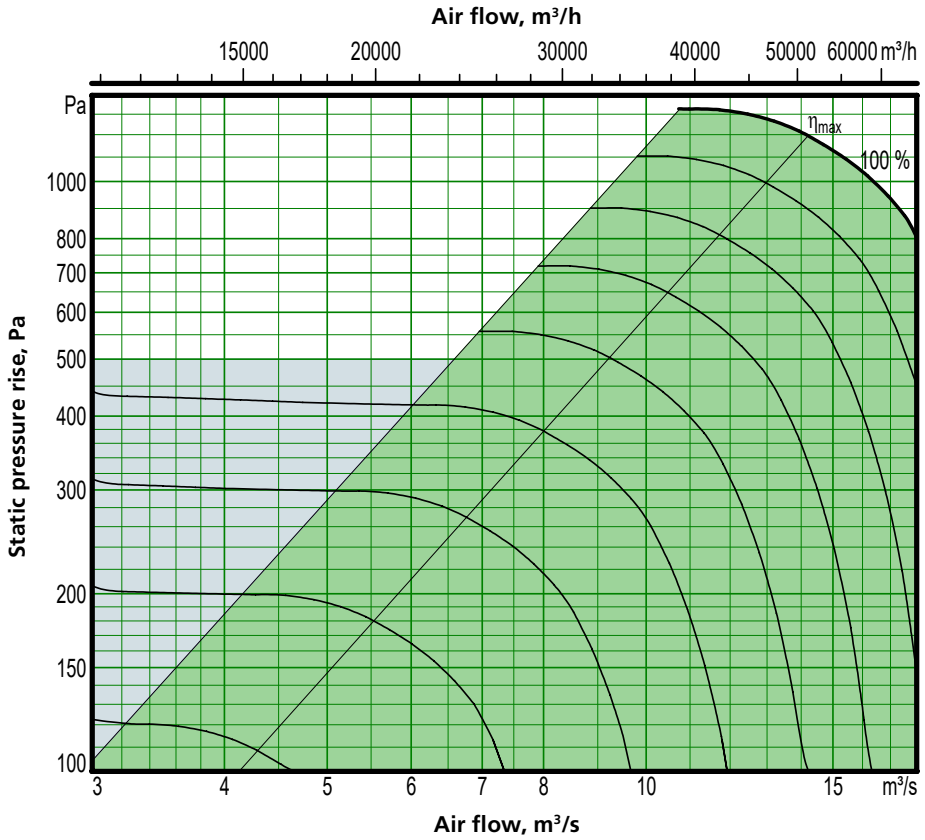
Rated data per fan

Motor shaft power: 2 x 6.5 kW alt. 2 x 10 kW*,
motor control system: 3 x 400 V, 50 Hz, rated 11.5 A alt. 16 A
** Two fans/motor control systems per airflow direction.*

We reserve the right to alter specifications.

Sizing, installation, dimensions and weights

SILVER CX, coil heat exchangers, size 120



Motor shaft power: 3 x 10 kW (capacity variant 2)

Recommended working range for sizing.

If pressure regulation is used, the air flow can be regulated to zero.
However this presupposes a certain static pressure drop in the ducting (approx. 50 Pa).

Min. and max. air flows

The flows specified refer to those that can be preset in the hand-held terminal. The practical flow limits are determined by the external pressure drop.

Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
120	9000	2.50	50400	14.0

Exact sizing can be carried out in the AHU Design air handling unit selection program

Sizing, installation, dimensions and weights

SILVER CX, coil heat exchangers, size 120

Delivery and transport within the site

The SILVER CX 120 is supplied as six separate sections: Two fan sections, two filter sections and two coil heat exchanger sections. The six sections must be fitted together at the building site.

The pipework package can be ordered as accessories and are supplied in unassembled condition for floor or wall mounting (see TBXZ pipework package under Accessories).

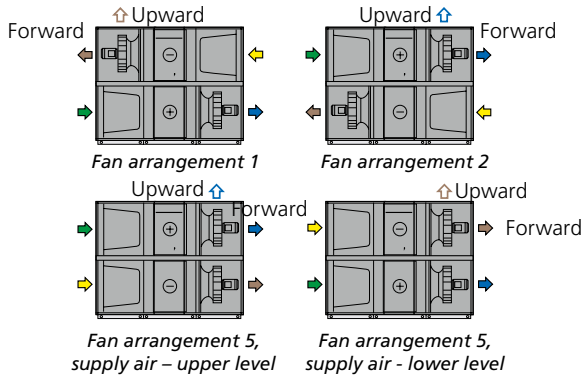
The six unit sections are to be jointed together/split by means of bolts.

Duct connection options

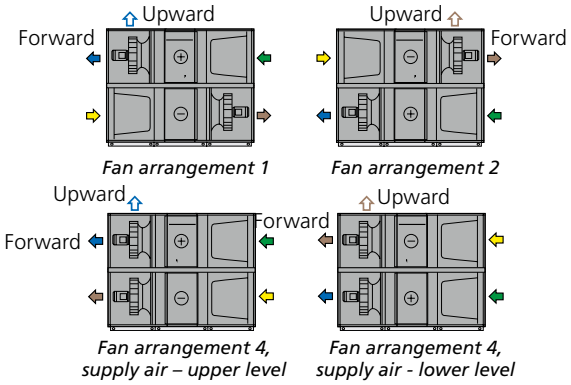
A: Specify right-hand or left-hand version when ordering.

B: The arrangement of the functional sections can vary. Specify this by selecting fan arrangement 1, 2, 4 or 5 when placing orders. For fan arrangement 4 and 5, you should also specify: supply air in upper or lower level.

C: Specify upper fan outlet for upward air discharge when placing orders (not for outdoor units). N.B.! Duct connection size: 2,500 x 800 mm.



Right-hand version

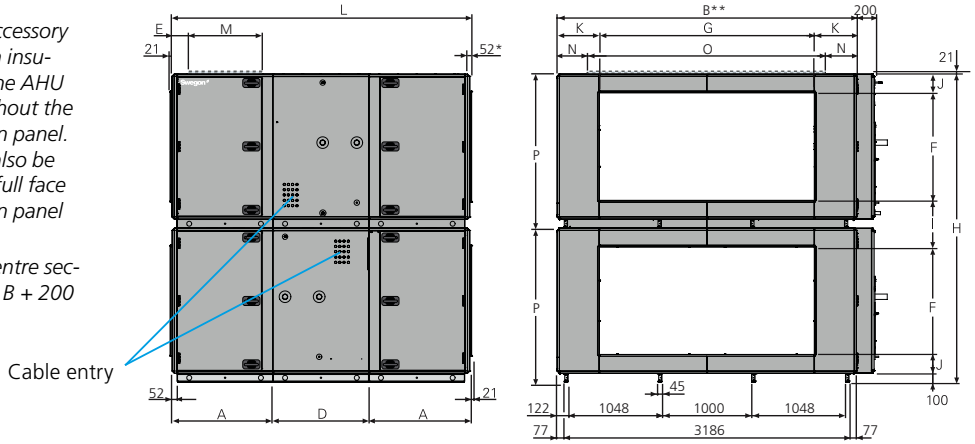


Left-hand version

Outdoor air | Supply air | Extract air | Exhaust air

** If the duct accessory is housed in an insulated casing, the AHU is supplied without the end connection panel. The AHU can also be supplied with full face end connection panel (accessory).*

*** Width of centre section's casing = B + 200 mm.*



If extract air flows through the lower level: The air handling unit must be raised at least 50 mm (Higher than the upper edge of the base beams) to provide space for the water trap.

Size	A	B	D	E	F	G	H	I	J	K	L	M	N	O	P	Weight, kg
120	1122	3340	1070	187	1200	2400	3440	520	210	470	3314	800	420	2500	1720	4494-4990

Transport, dimensions and weights

Filter and fan sections

See dimensions A and P in the table above.
Weight: fan section = 744-829 kg, filter section = 402-540 kg.

Heat exchanger sections

See dimensions D and P in the table above.
Weight: Heat exchanger section = 1101-1126 kg.

Clear space for inspection

A clear space of 1,000 mm should be provided in front of the unit.

Rated data per fan

Motor shaft power: 3 x 6.5 kW alt. 3 x 10 kW*,
motor control system: 3 x 400 V, 50 Hz, rated 11.5 A alt. 16 A
** Three fans/motor control systems per airflow direction.*

We reserve the right to alter specifications.