

# Sizing, installation, dimensions and weights

## SILVER C RX

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

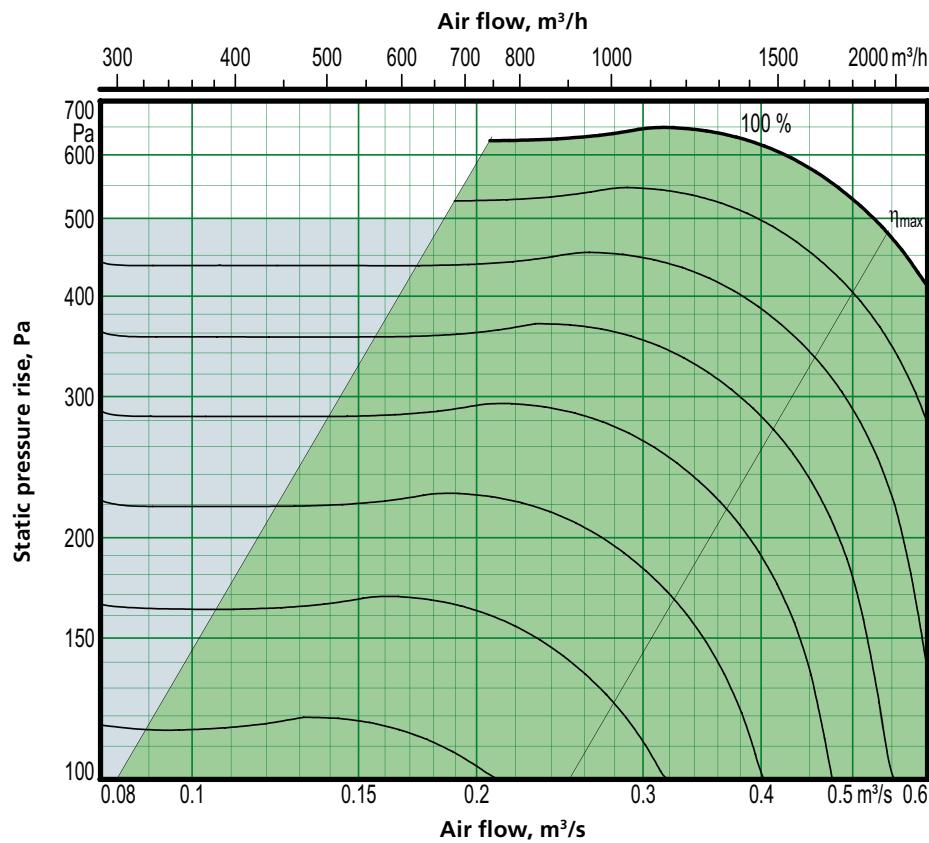
*Exact sizing can be carried out in the AHU Design air handling unit selection program.*

## Contents

Size 004.....	20
Size 005.....	24
Size 007.....	28
Size 008.....	32
Size 011.....	36
Size 012.....	39
Size 014/020 .....	42
Size 025/030 .....	46
Size 035/040 .....	50
Size 050/060 .....	53
Size 070/080 .....	56
Size 100.....	60
Size 120.....	62

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary 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***

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary heat exchanger, size 004, common casing

### Delivery and transport within the site

The SILVER C RX 004 is produced in one single variant. All of its components are arranged at their given physical locations inside the air handling unit. The air handling unit is supplied on a wooden pallet.

Prefitted base beams are obtainable as optional equipment; a stand supplied unmounted is available as an accessory.

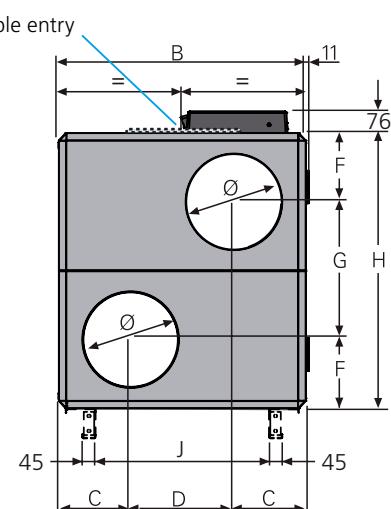
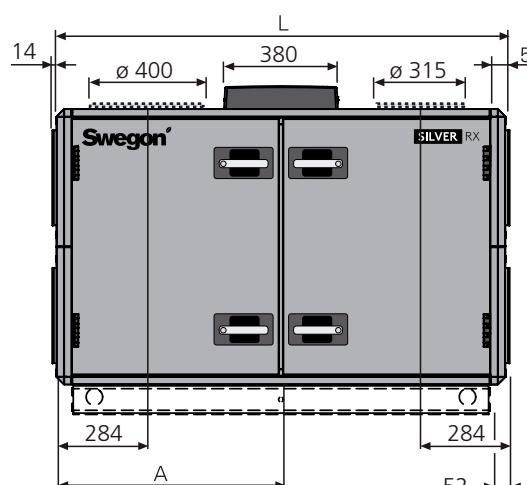
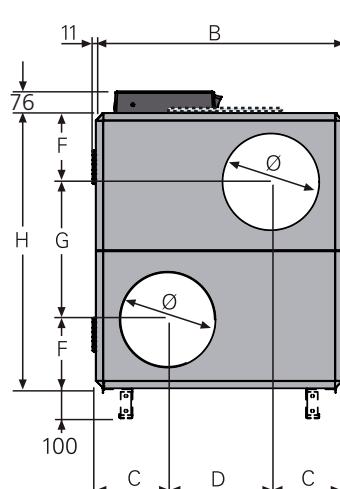
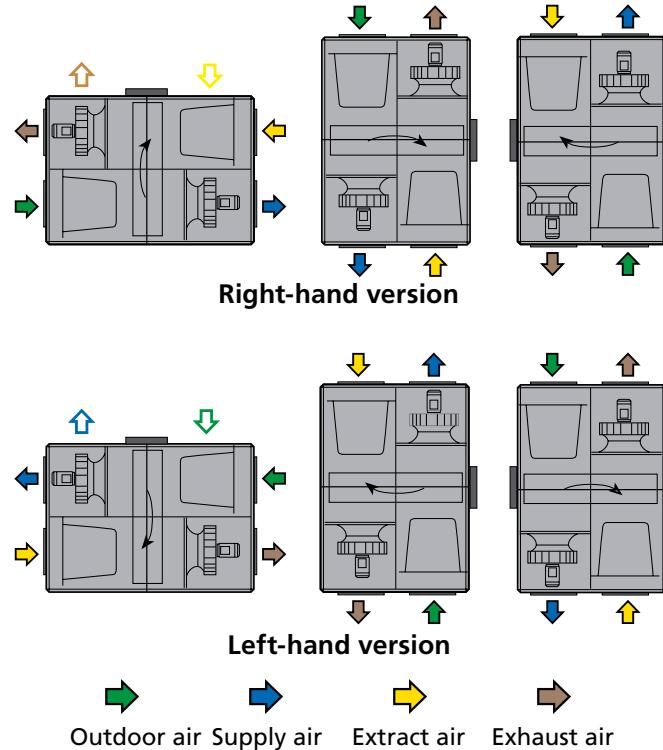
### Duct connection options

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

**B:** The air handling unit can be installed up ended (Does not apply to units installed outdoors).

**C:** Specify upper fan outlet for upward air discharge when placing orders (Does not apply to units installed outdoors). N.B.! Duct connection size:  $\varnothing$  400 mm.

**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).



The base beams are optional equipment.

\* The air handling unit can be supplied without end connection panels. The AHU can also be supplied with full face end connection panel (accessory).

Size	A	B	C	D	F	G	H	J	L	$\varnothing$	Weight, kg
004	743	825	240	345	230	460	920	579	1499	315	234-278

### Clear space for inspection

A clear space of 800 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

### 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.

### Motor, heat exchanger

55 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary heat exchanger, size 004, split version

### Delivery and transport within the site

The SILVER C RX 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.

Prefitted base beams as standard.

### Duct connection options

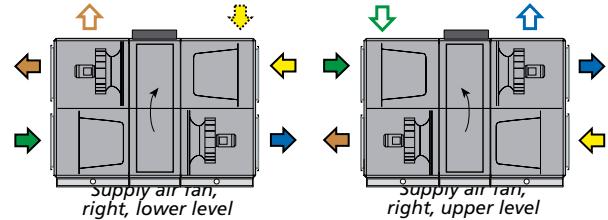
**A:** Specify right-hand or left-hand version when ordering.

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

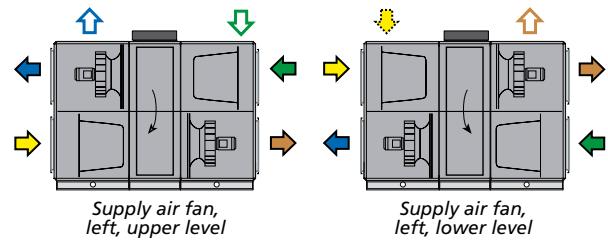
**C:** Specify upper fan outlet for upward air discharge when placing orders (Does not apply to units installed outdoors).

N.B.! Duct connection size:  $\varnothing$  400 mm.

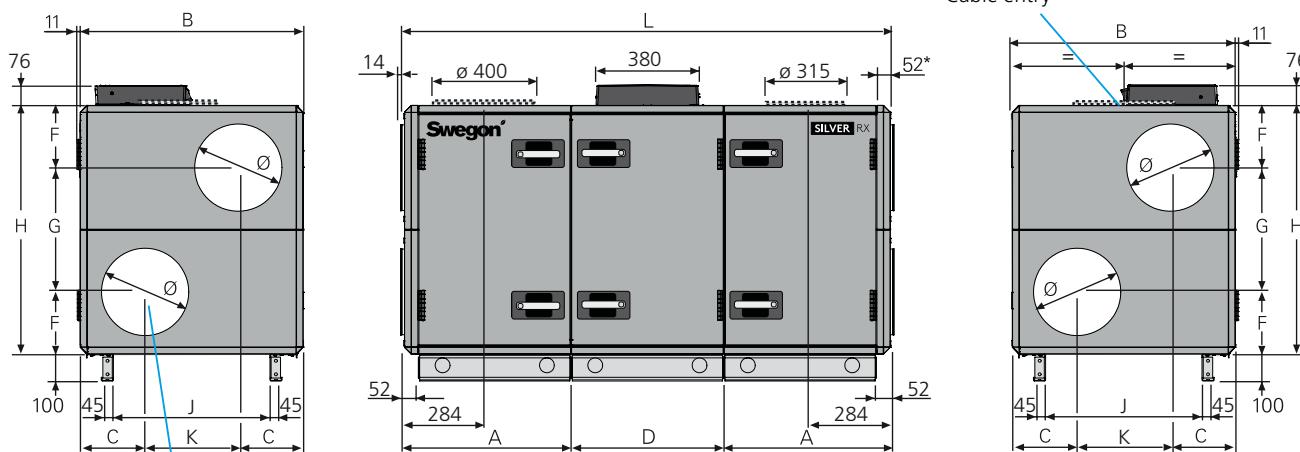
**D:** Specify whether the unit shall have an air intake from above for outdoor air or extract air when placing orders (Does not apply to units installed outdoors).



### Right-hand version



### Left-hand version

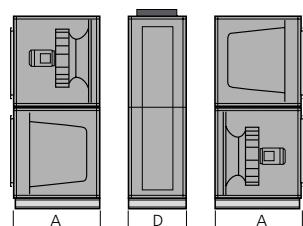


The illustration shows the connections for supply air fan, right-hand/lower level and left-hand/upper level. For supply air fan, right-hand/upper level and left-hand/lower level, the connections are mirror-inverted.

\* 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).

Storlek	A	B	C	D	F	G	H	J	K	L	$\varnothing$	Vikt, kg
004	617	825	240	565	230	460	920	579	345	1799	315	278-335

### 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 = 102-111 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.

### Motor, heat exchanger

55 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

### Clear space for inspection

A clear space of 800 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

# Sizing, installation, dimensions and weights

## SILVER C RX Top, rotary heat exchanger, size 004

### Delivery and transport within the site

The SILVER C RX Top 004 unit is produced in one variant in which all the components are arranged at their given physical location inside the unit.

The unit can also be delivered as L-concept with top fed duct connections in combination with side fed duct connections, see the section Description Air handling unit.

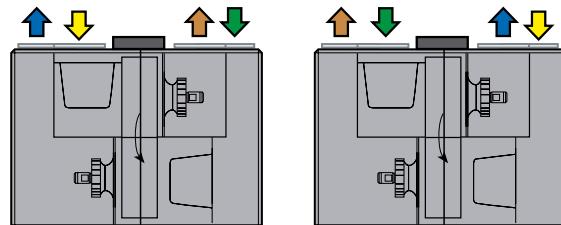
The air handling unit is supplied on a wooden pallet.

Prefitted base beams are obtainable as optional equipment.

### Installation/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).

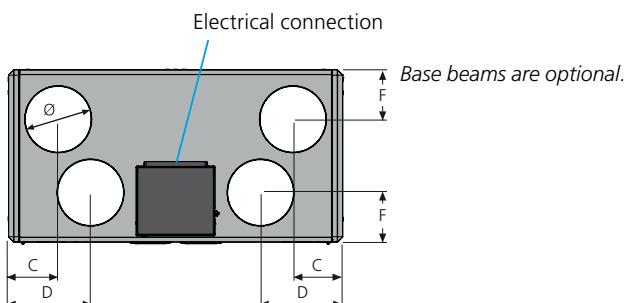
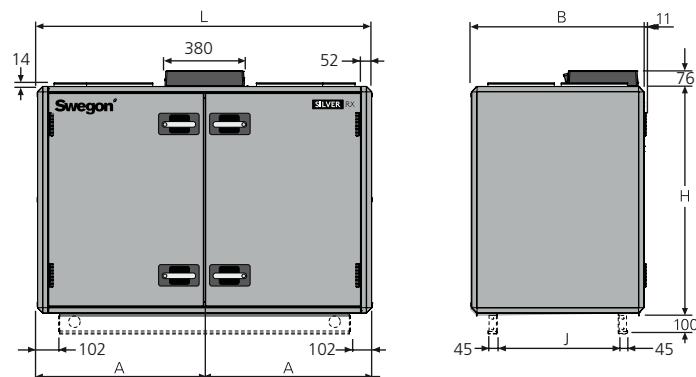
**B:** Specify right-hand or left-hand version when ordering.



Left-hand version

Right-hand version

Green arrow: Outdoor air    Blue arrow: Supply air    Yellow arrow: Extract air    Brown arrow: Exhaust air



Size	A	B	C	D	F	H	J	L	Ø	Weight, kg
004	800	825	238	393	237	1085	579	1600	315	295-302

### Clear space for inspection

A clear space of 800 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

### 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

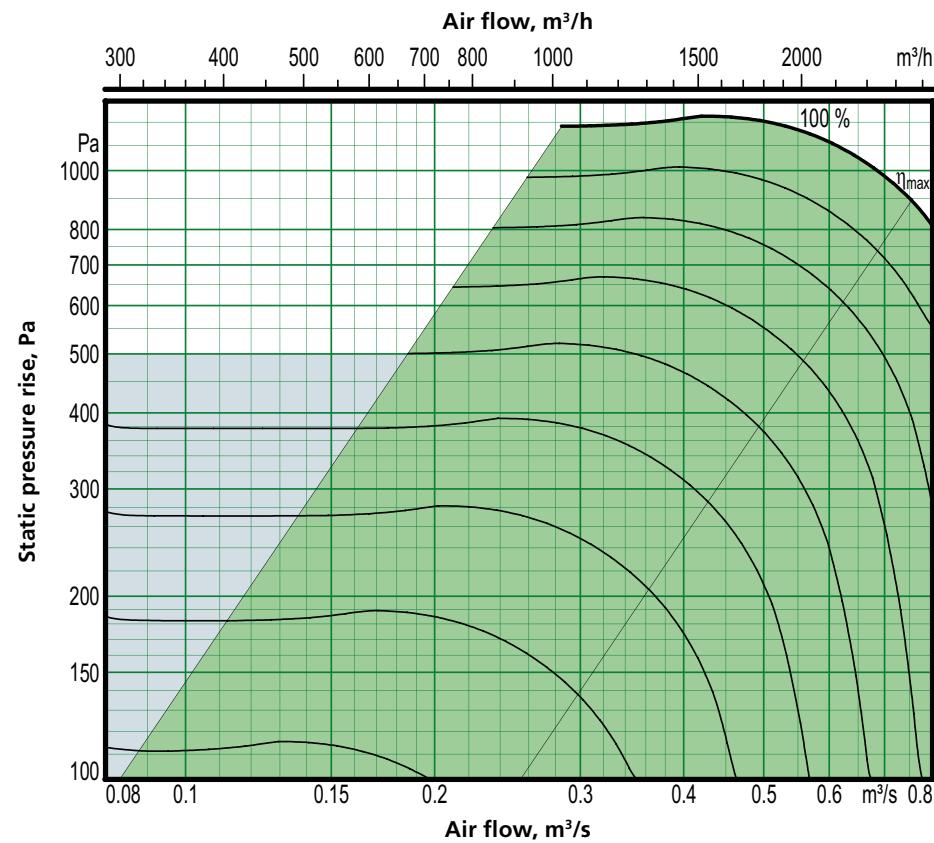
\*The motor control system limits the power of the take-off to the value specified.

### Motor, heat exchanger

55 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary 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***

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary heat exchanger, size 005, common casing

### Delivery and transport within the site

The SILVER C RX 005 is produced in one single variant. All of its components are arranged at their given physical locations inside the air handling unit. The air handling unit is supplied on a wooden pallet.

Prefitted base beams are obtainable as optional equipment; a stand supplied unmounted is available as an accessory.

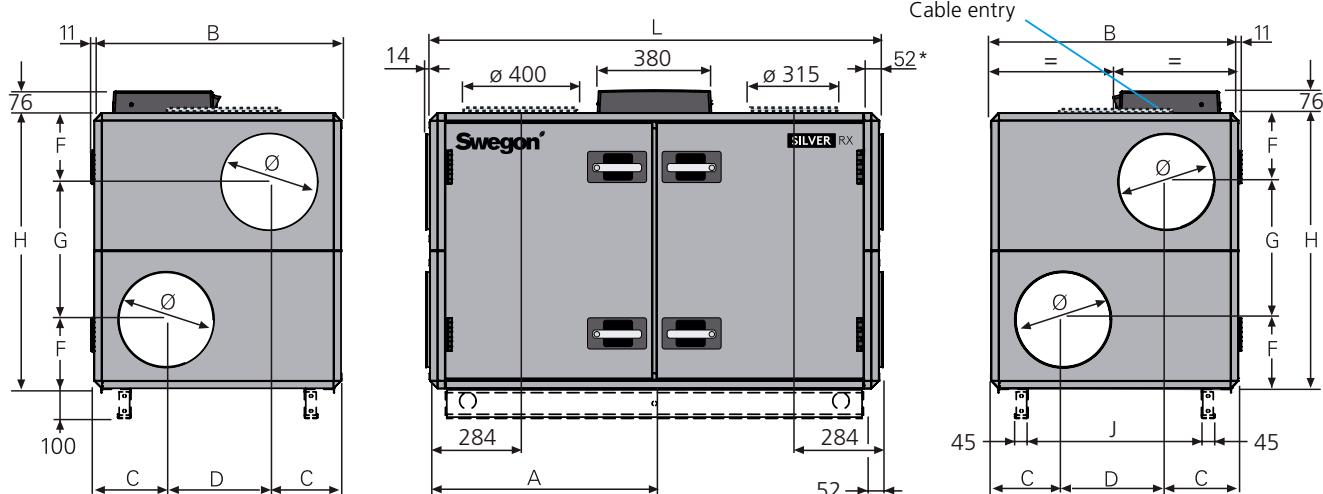
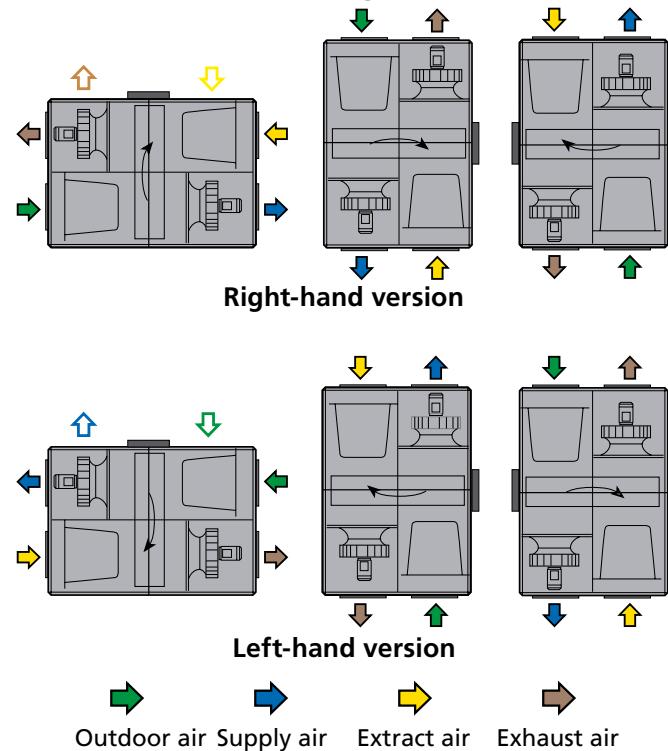
### Duct connection options

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

**B:** The air handling unit can be installed up ended (Does not apply to units installed outdoors).

**C:** Specify upper fan outlet for upward air discharge when placing orders (Does not apply to units installed outdoors). N.B.! Duct connection size:  $\varnothing$  400 mm.

**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).



The base beams are optional equipment.

\* The air handling unit can be supplied without end connection panels. The AHU can also be supplied with full face end connection panel (accessory).

Size	A	B	C	D	F	G	H	J	L	$\varnothing$	Weight, kg
005	743	825	240	345	230	460	920	579	1499	315	234-278

### Clear space for inspection

A clear space of 800 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

### 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.

### Motor, heat exchanger

55 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

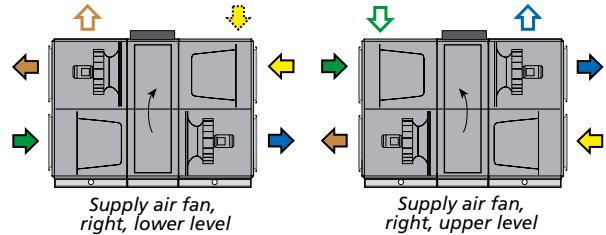
# Sizing, installation, dimensions and weights

## SILVER C RX, rotary heat exchanger, size 005, split version

### Delivery and transport within the site

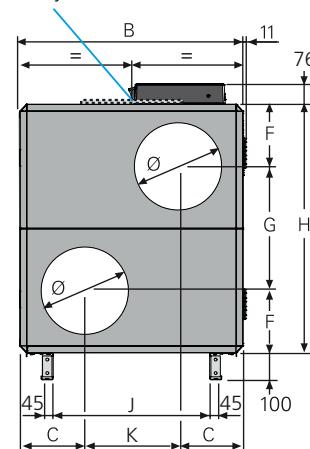
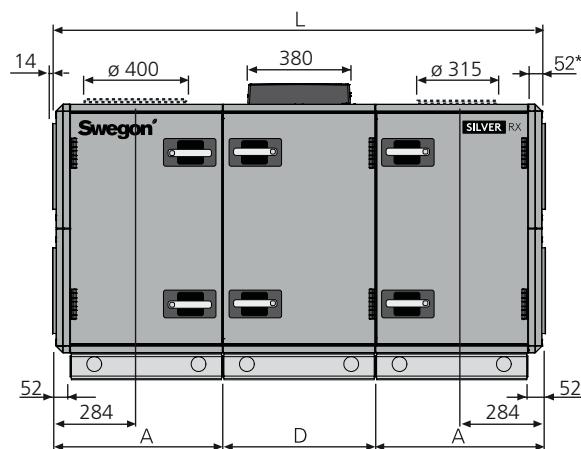
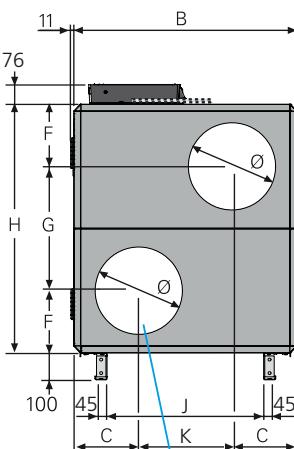
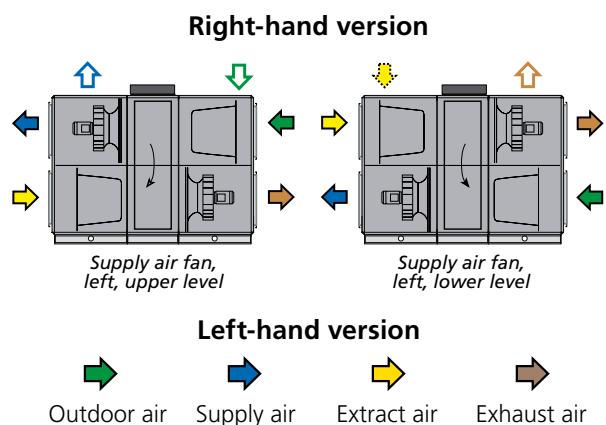
The SILVER C RX 005 can be supplied as one single unit, or in a number of different combinations of unit sections from the factory, see the section: Description of the Air Handling Unit/Delivery Configuration RX/PX/CX, sizes 004-080.

The unit sections are jointed together/split by means of bolts. Prefitted base beams as standard.



### 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 (Does not apply to units installed outdoors).
- N.B.!** Duct connection size:  $\varnothing$  400 mm.
- 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).

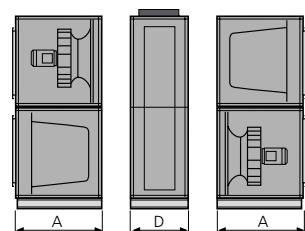


The illustration shows the connections for supply air fan, right-hand/lower level and left-hand/upper level. For supply air fan, right-hand/upper level and left-hand/lower level, the connections are mirror-inverted.

\* 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	$\varnothing$	Weight, kg
005	617	825	240	565	230	460	920	579	345	1799	315	278-335

### 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 = 102-111 kg.

### Clear space for inspection

A clear space of 800 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

### 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.

### Motor, heat exchanger

55 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

# Sizing, installation, dimensions and weights

## SILVER C RX Top, rotary heat exchanger, size 005

### Delivery and transport within the site

The SILVER C RX Top 005 unit is produced in one variant in which all the components are arranged at their given physical location inside the unit.

The unit can also be delivered as L-concept with top fed duct connections in combination with side fed duct connections, see the section Description Air handling unit.

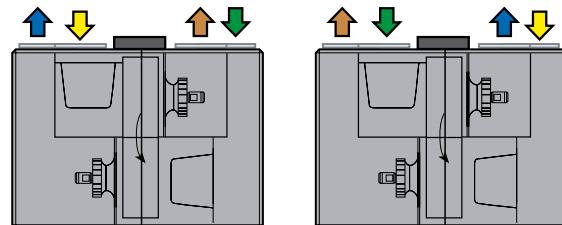
The air handling unit is supplied on a wooden pallet.

Prefitted base beams are obtainable as optional equipment.

### Installation/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).

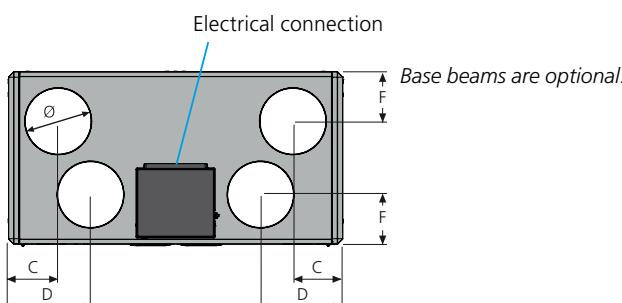
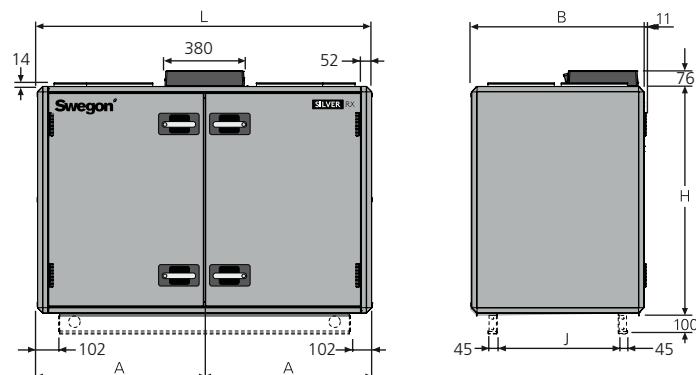
**B:** Specify right-hand or left-hand version when ordering.



Left-hand version

Right-hand version

Outdoor air      Supply air      Extract air      Exhaust air



Size	A	B	C	D	F	H	J	L	Ø	Weight, kg
005	800	825	238	393	237	1085	579	1600	315	295-310

### Clear space for inspection

A clear space of 800 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

### 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

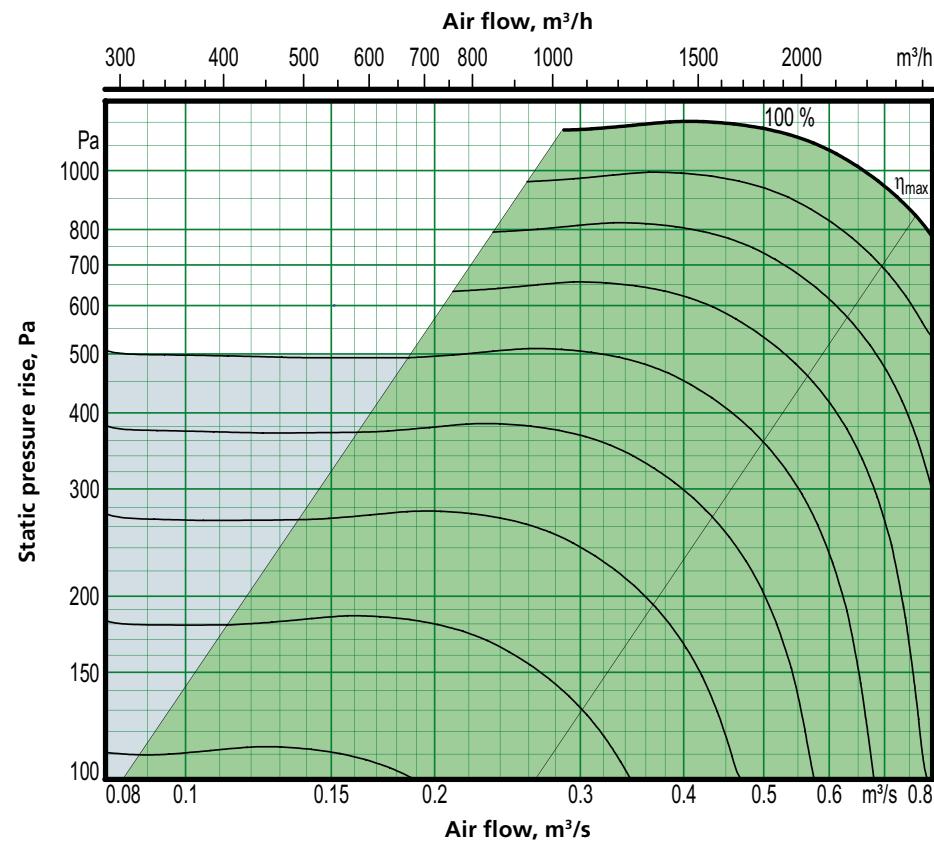
\*The motor control system limits the output power to the value specified.

### Motor, heat exchanger

55 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary 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	
	$\text{m}^3/\text{h}$	$\text{m}^3/\text{s}$	$\text{m}^3/\text{h}$	$\text{m}^3/\text{s}$
007	288	0.08	2700	0.75

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

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary heat exchanger, size 007, common casing

### Delivery and transport within the site

The SILVER C RX 007 is produced in one single variant. All of its components are arranged at their given physical locations inside the air handling unit. The air handling unit is supplied on a wooden pallet.

Prefitted base beams are obtainable as optional equipment; a stand supplied unmounted is available as an accessory.

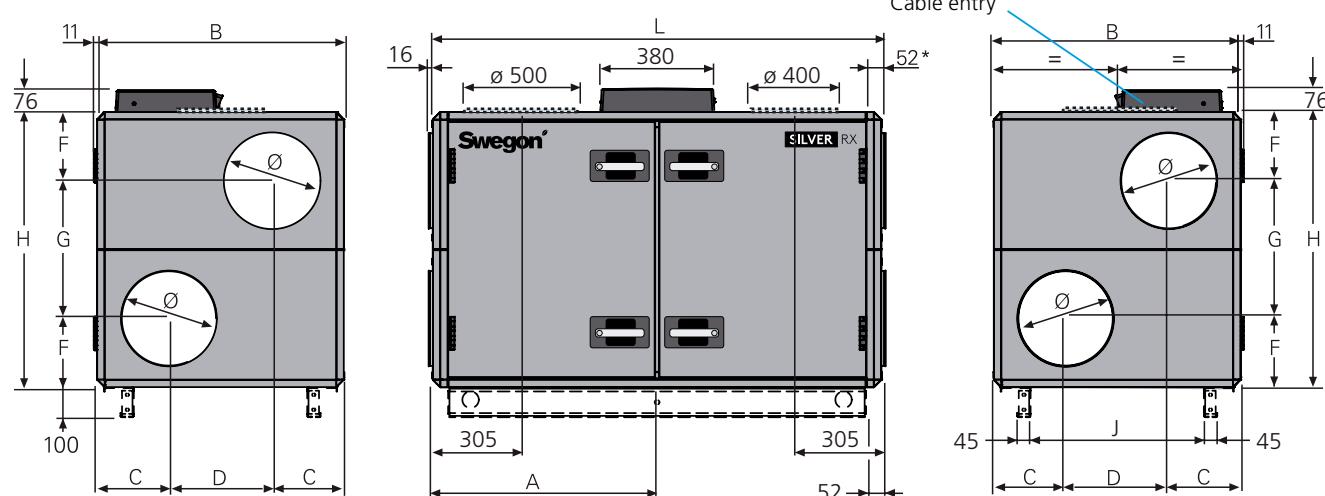
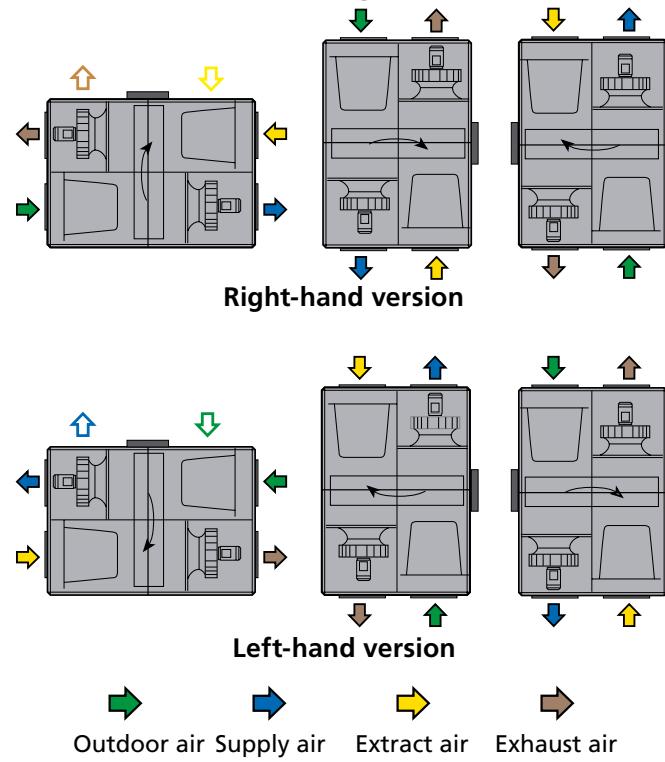
### Duct connection options

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

**B:** The air handling unit can be installed up ended (Does not apply to units installed outdoors).

**C:** Specify upper fan outlet for upward air discharge when placing orders (Does not apply to units installed outdoors). N.B.! Duct connection size:  $\varnothing$  500 mm.

**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).



The base beams are optional equipment.

\* The air handling unit can be supplied without end connection panels. 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	805	995	277,5	440	271	543	1085	749	1619	400	281-355

### Clear space for inspection

A clear space of 900 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

### 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.

### Motor, heat exchanger

55 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

# Sizing, installation, dimensions and weights

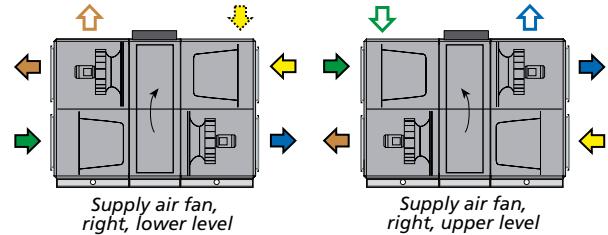
## SILVER C RX, rotary heat exchanger, size 007, split version

### Delivery and transport within the site

The SILVER C RX 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.

Prefitted base beams as standard.



### Duct connection options

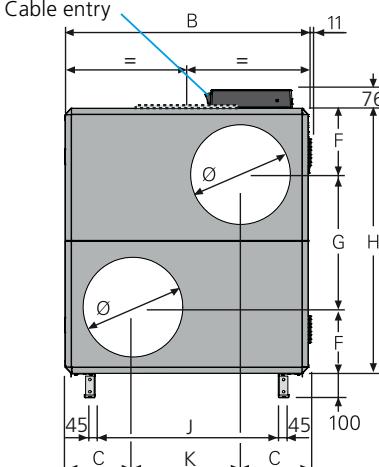
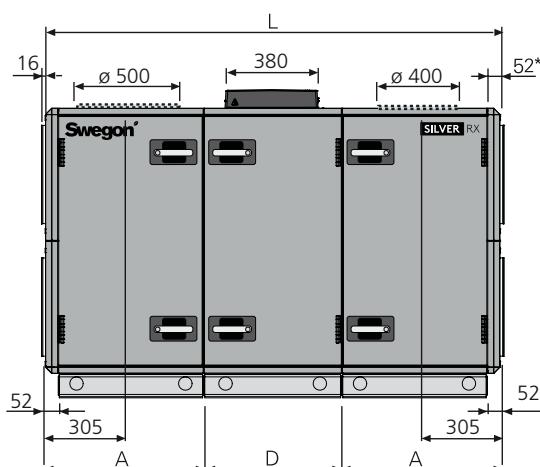
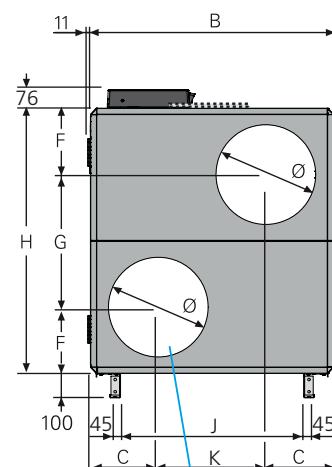
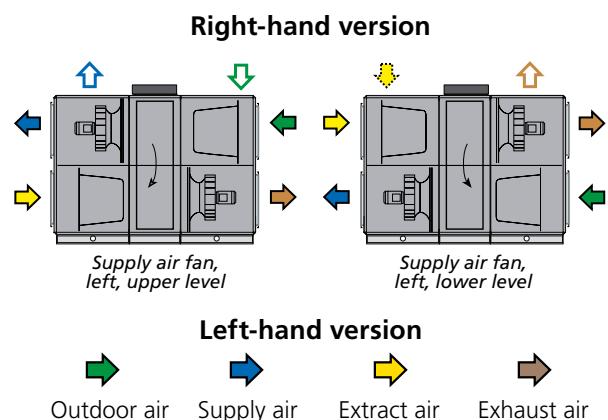
**A:** Specify right-hand or left-hand version when ordering.

**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 (Does not apply to units installed outdoors).

N.B.! Duct connection size:  $\varnothing$  500 mm.

**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).

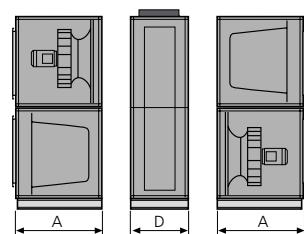


The illustration shows the connections for supply air fan, right-hand/lower level and left-hand/upper level. For supply air fan, right-hand/upper level and left-hand/lower level, the connections are mirror-inverted.

\* 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	$\varnothing$	Weight, kg
007	647.5	995	277.5	565	271	543	1085	749	440	1860	400	327-412

### 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 = 121-136 kg.

### Clear space for inspection

A clear space of 900 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

### 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.

### Motor, heat exchanger

55 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

# Sizing, installation, dimensions and weights

## SILVER C RX Top, rotary heat exchanger, size 007

### Delivery and transport within the site

The SILVER C RX Top 007 unit is produced in one variant in which all the components are arranged at their given physical location inside the unit.

The unit can also be delivered as L-concept with top fed duct connections in combination with side fed duct connections, see the section Description Air handling unit.

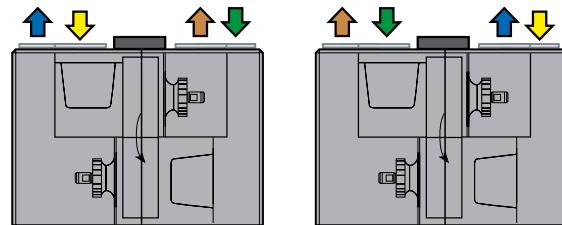
The air handling unit is supplied on a wooden pallet.

Prefitted base beams are obtainable as optional equipment.

### Installation/duct connection options

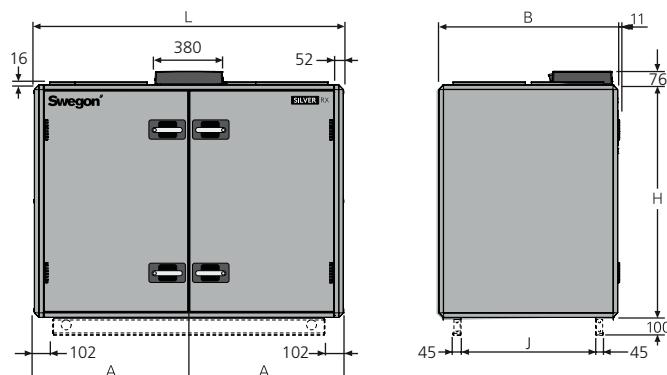
**A:** All the duct connections are arranged from the top of the air handling unit (the unit must not be installed outdoors).

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

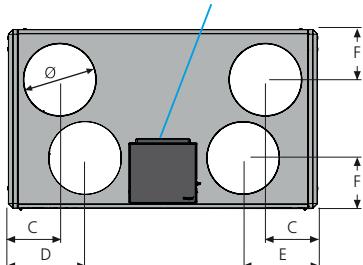


Left-hand version

Right-hand version



Electrical connection



Base beams are optional.

Size	A	B	C	D	E	F	H	J	L	Ø	Weight, kg
007	860	995	286	426	406	280	1295	749	1720	400	351-376

### Clear space for inspection

A clear space of 900 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

### 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

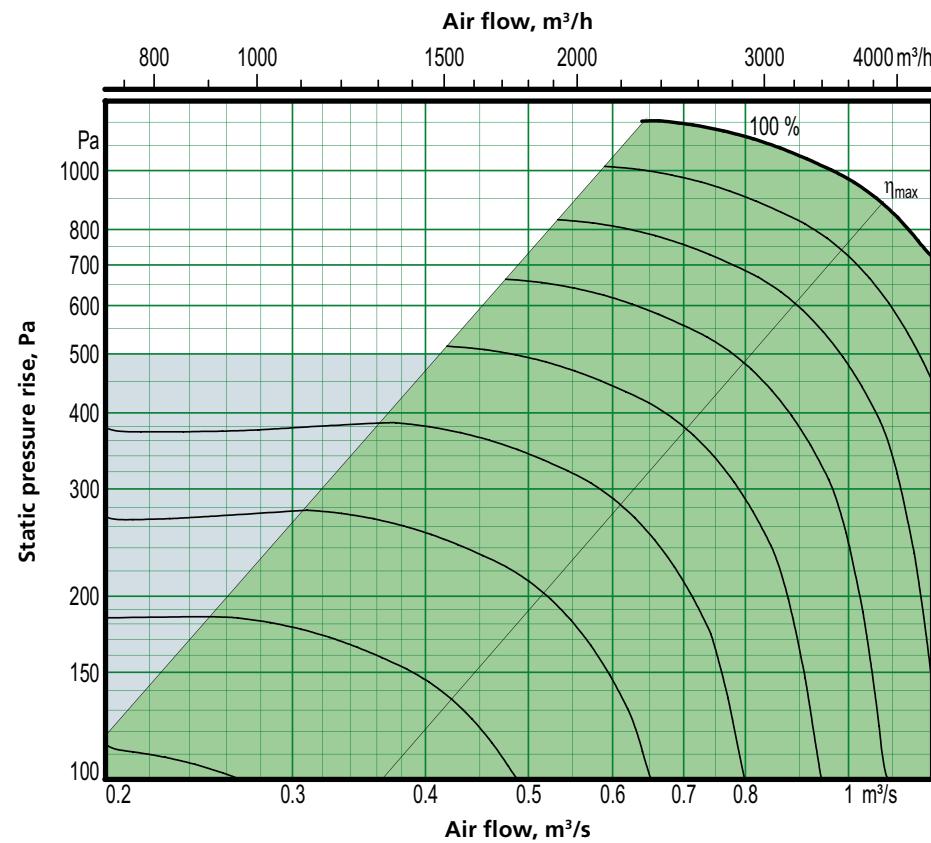
\*The motor control system limits the output power to the value specified.

### Motor, heat exchanger

55 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary 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	
	$\text{m}^3/\text{h}$	$\text{m}^3/\text{s}$	$\text{m}^3/\text{h}$	$\text{m}^3/\text{s}$
008	720	0.20	3600	1.00

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

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary heat exchanger, size 008, common casing

### Delivery and transport within the site

The SILVER C RX 008 is produced in one single variant. All of its components are arranged at their given physical locations inside the air handling unit. The air handling unit is supplied on a wooden pallet.

Prefitted base beams are obtainable as optional equipment; a stand supplied unmounted is available as an accessory.

### Duct connection options

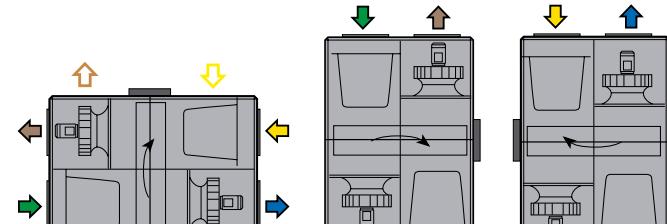
**A:** Specify right-hand or left-hand version when ordering.

**B:** The air handling unit can be installed up ended (Does not apply to units installed outdoors).

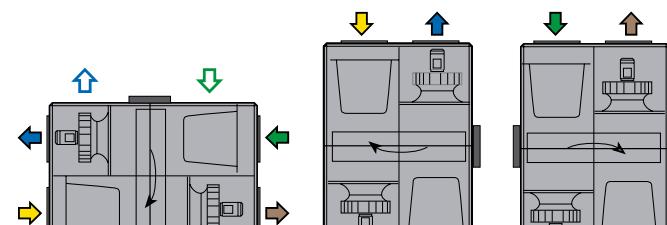
**C:** Specify upper fan outlet for upward air discharge when placing orders (Does not apply to units installed outdoors). N.B.! Duct connection size:  $\varnothing$  500 mm.

**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).

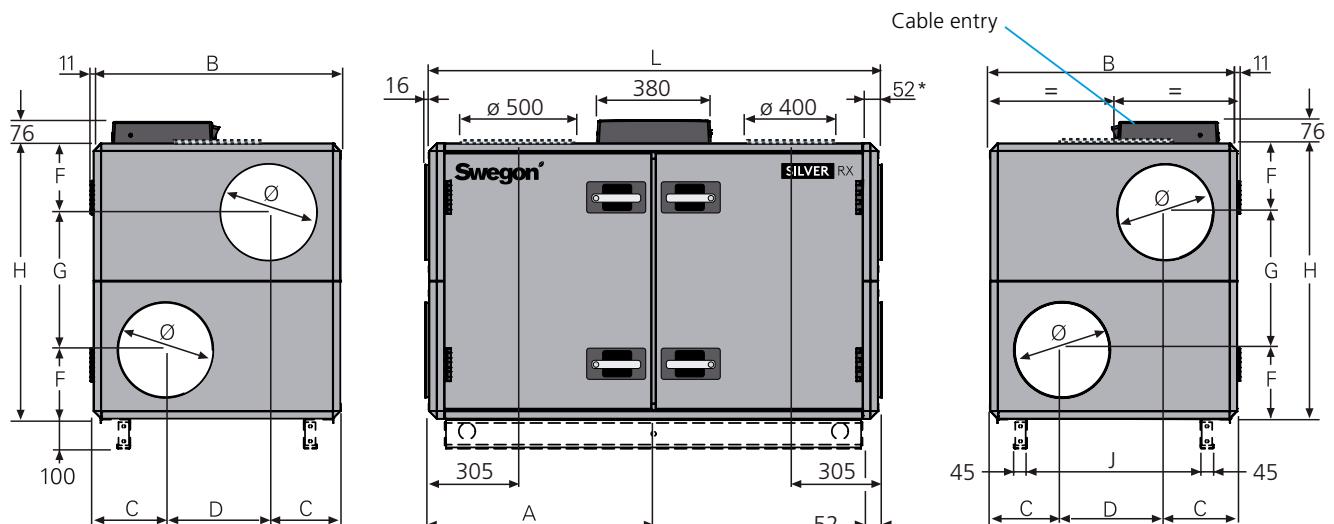
Outdoor air Supply air Extract air Exhaust air



Right-hand version



Left-hand version



The base beams are optional equipment.

\* The air handling unit can be supplied without end connection panels. 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	805	995	277,5	440	271	543	1085	749	1619	400	295-363

### Clear space for inspection

A clear space of 900 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

### 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

### Motor, heat exchanger

55 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

# Sizing, installation, dimensions and weights

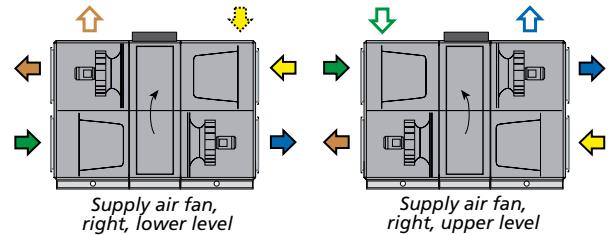
## SILVER C RX, rotary heat exchanger, size 008, split version

### Delivery and transport within the site

The SILVER C RX 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.

Prefitted base beams as standard.



### Duct connection options

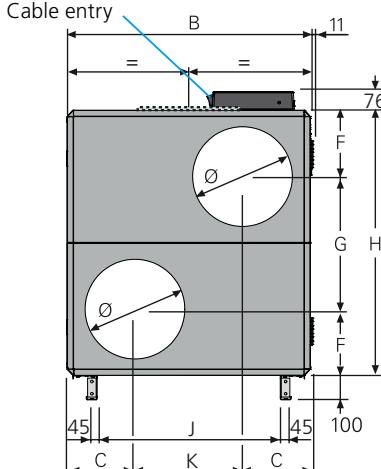
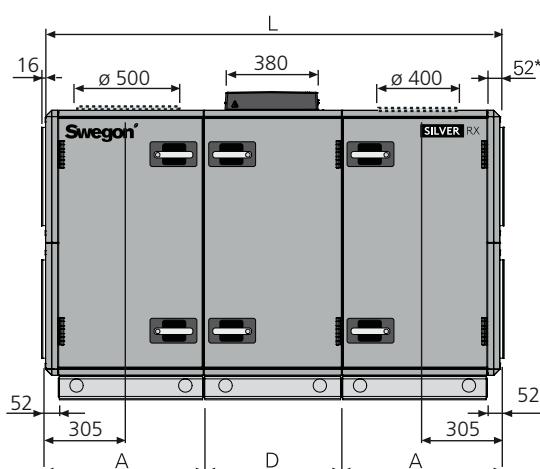
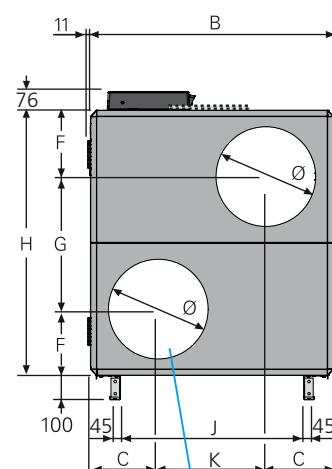
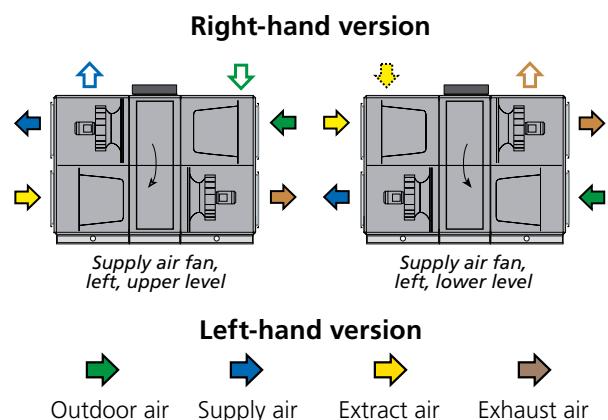
**A:** Specify right-hand or left-hand version when ordering.

**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 (Does not apply to units installed outdoors).

N.B.! Duct connection size:  $\varnothing$  500 mm.

**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).

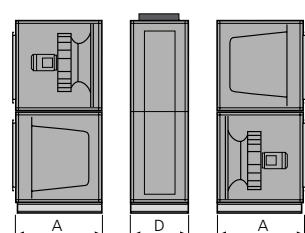


The illustration shows the connections for supply air fan, right-hand/lower level and left-hand/upper level. For supply air fan, right-hand/upper level and left-hand/lower level, the connections are mirror-inverted.

\* 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	$\varnothing$	Weight, kg
008	647.5	995	277.5	565	271	543	1085	749	440	1860	400	341-420

### 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 = 121-136 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

### Motor, heat exchanger

55 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

### Clear space for inspection

A clear space of 900 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

# Sizing, installation, dimensions and weights

## SILVER C RX Top, rotary heat exchanger, size 008

### Delivery and transport within the site

The SILVER C RX Top 008 unit is produced in one variant in which all the components are arranged at their given physical location inside the unit.

The unit can also be delivered as L-concept with top fed duct connections in combination with side fed duct connections, see the section Description Air handling unit.

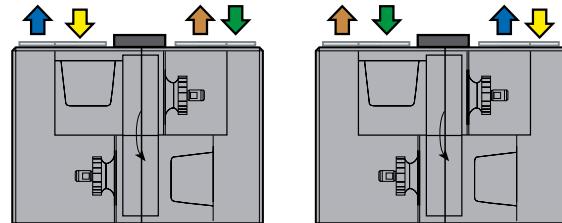
The air handling unit is supplied on a wooden pallet.

Prefitted base beams are obtainable as optional equipment.

### Installation/duct connection options

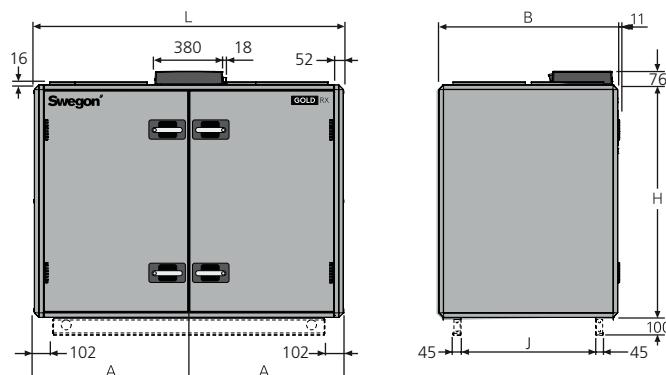
**A:** All the duct connections are arranged from the top of the air handling unit (the unit must not be installed outdoors).

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

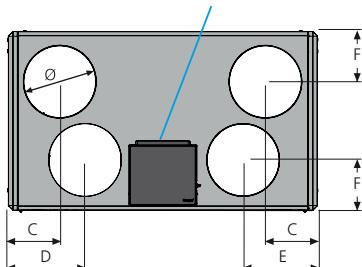


Left-hand version

Right-hand version



Electrical connection



Base beams are optional.

Size	A	B	C	D	E	F	H	J	L	Ø	Weight, kg
008	860	995	286	426	406	280	1295	749	1720	400	369-382

### Clear space for inspection

A clear space of 900 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

### 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:

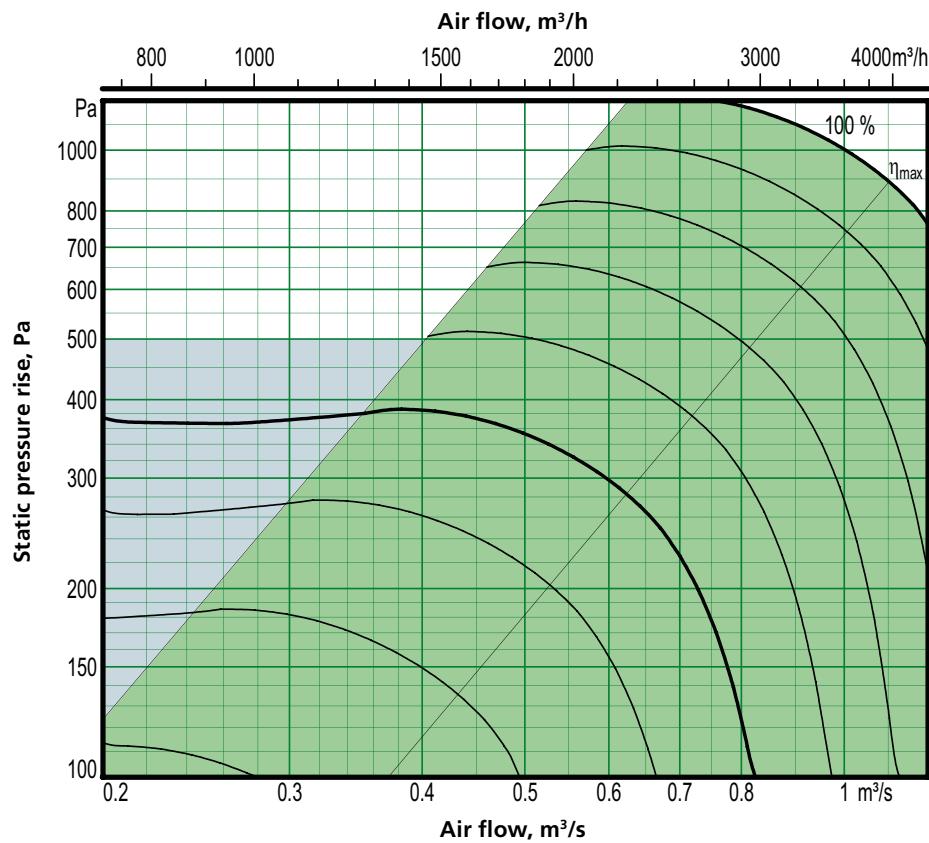
Motor shaft power 1.6 kW,  
motor control system: 3 x 400 V, 50 Hz, rated 2.8 A

### Motor, heat exchanger

55 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

## Sizing, installation, dimensions and weights

## **SILVER C RX, rotary 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	
	m <sup>3</sup> /h	m <sup>3</sup> /s	m <sup>3</sup> /h	m <sup>3</sup> /s
011	720	0,20	3960	1,10

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

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary heat exchanger, size 011

### Delivery and transport within the site

The SILVER C RX 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/Delivery Configuration RX/PX/CX, sizes 011-080.

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

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

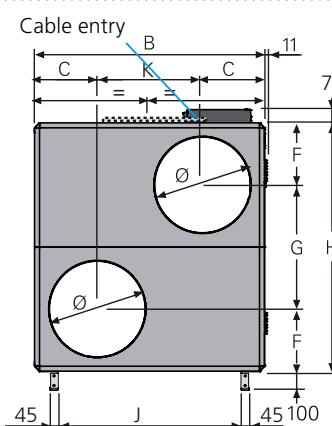
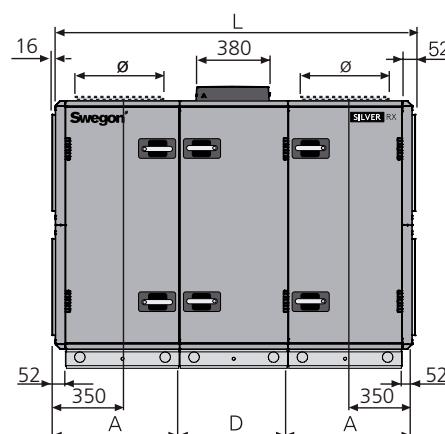
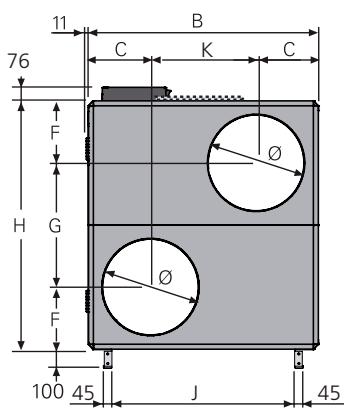
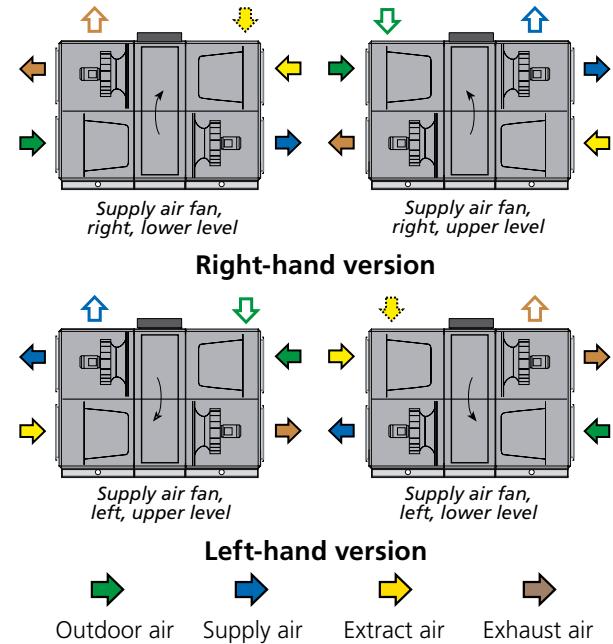
### Duct connection options

**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 (Does not apply to units installed outdoors).

**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).



The illustration shows the connections for supply air fan, right-hand/lower level and left-hand/upper level.

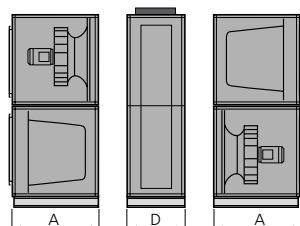
For supply air fan, right-hand/upper level and left-hand/lower level, the connections are mirror-inverted.

\* 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
011	647	1199	324	565	324	647	1295	953	551	1859	500	427-527

### 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 = 157-177 kg.

### Clear space for inspection

A clear space of 800 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

### 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

### Motor, heat exchanger

110 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

# Sizing, installation, dimensions and weights

## SILVER C RX Top, rotary heat exchanger, size 011

### Delivery and transport within the site

The SILVER C RX Top 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 RX and RX Top can be combined, see the section: Description of the Air Handling Unit.

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

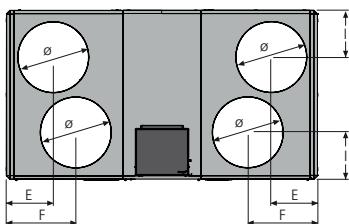
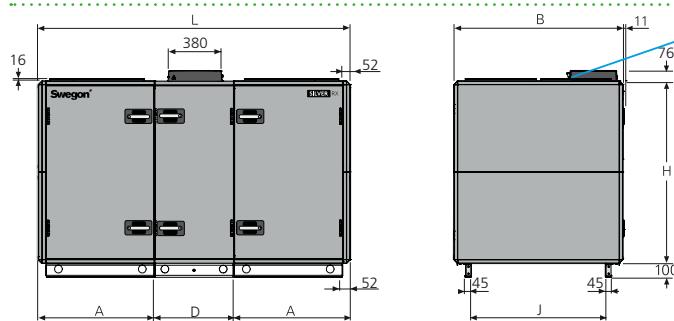
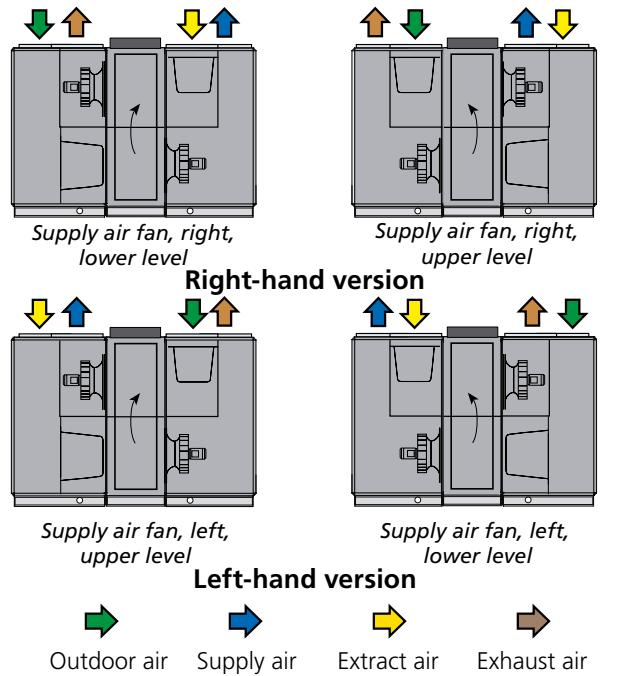
The air handling unit/unit sections is/are delivered on wooden beams.

### 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).

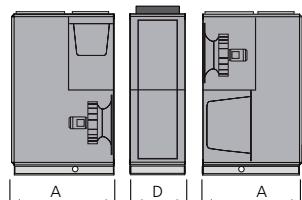
**B:** Specify right-hand or left-hand version when ordering.

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



Size	A	B	D	E	F	H	I	J	L	Ø	Weight, kg
011	827	1199	565	332	500	1295	332	953	2219	500	527-549

### 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 = 157-177 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

### Motor, heat exchanger

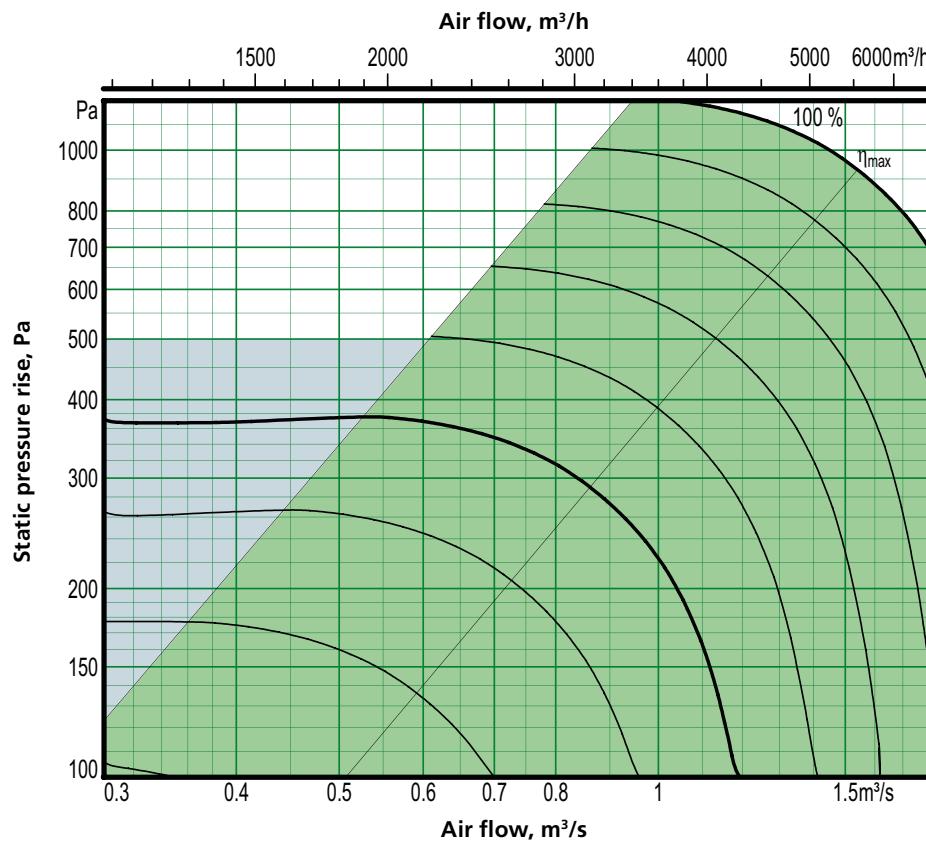
110 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

### Clear space for inspection

A clear space of 800 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary 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 C RX, rotary heat exchanger, size 012

### Delivery and transport within the site

The SILVER C RX 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/Delivery Configuration RX/PX/CX, sizes 011-080.

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

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

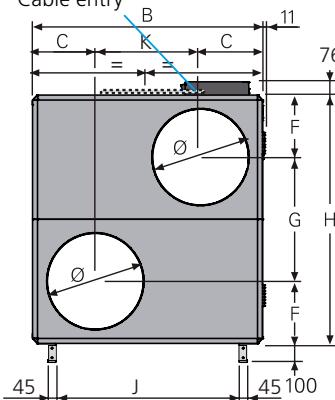
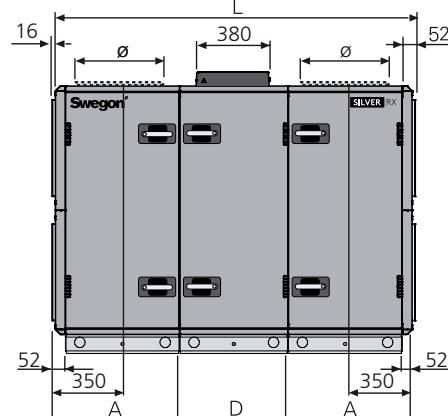
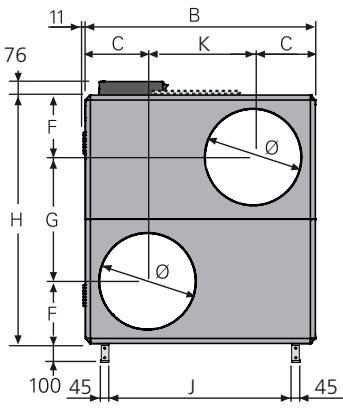
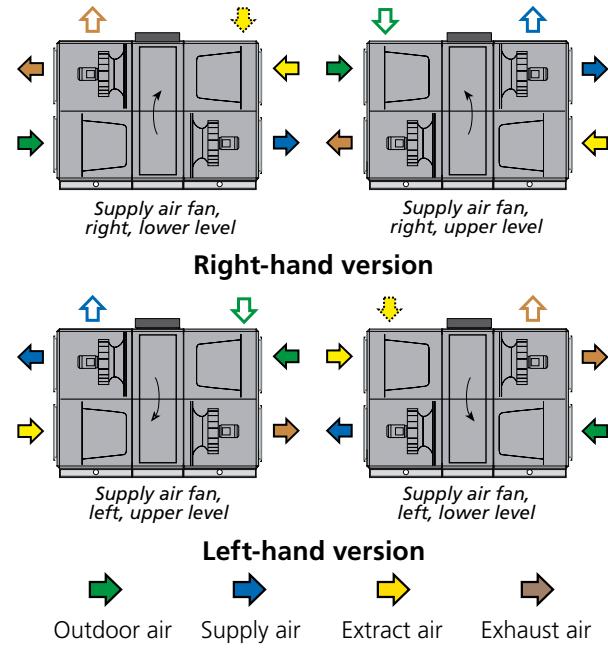
### Duct connection options

**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 (Does not apply to units installed outdoors).

**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).



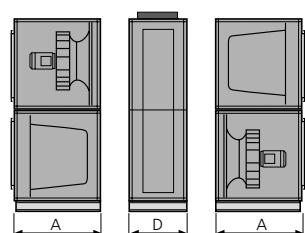
The illustration shows the connections for supply air fan, right-hand/lower level and left-hand/upper level.

For supply air fan, right-hand/upper level and left-hand/lower level, the connections are mirror-inverted.

\* 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
012	647	1199	324	565	324	647	1295	953	551	1859	500	450-554

### 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 = 158-176 kg.

### 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.

### Motor, heat exchanger

110 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

### Clear space for inspection

A clear space of 800 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

# Sizing, installation, dimensions and weights

## SILVER C RX Top, rotary heat exchanger, size 012

### Delivery and transport within the site

The SILVER C RX Top 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 RX and RX Top can be combined, see the section: Description of the Air Handling Unit.

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

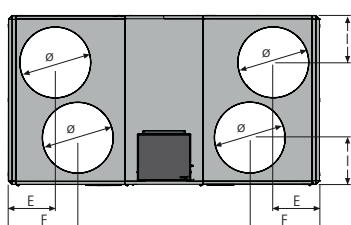
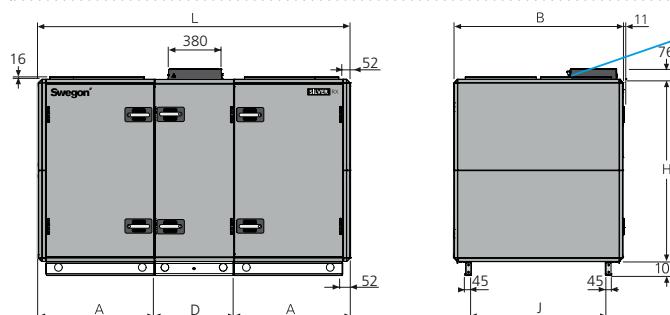
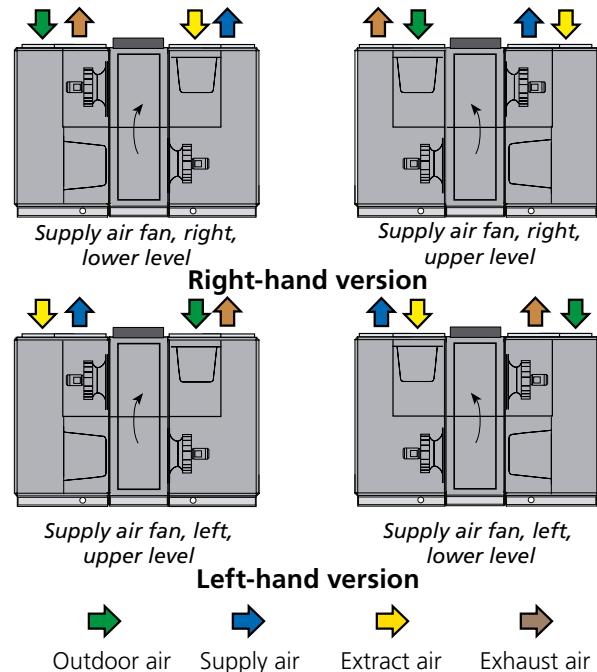
The air handling unit/unit sections is/are delivered on wooden beams.

### 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).

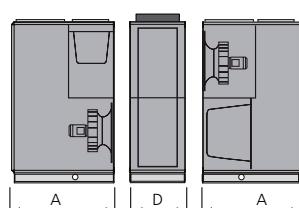
**B:** Specify right-hand or left-hand version when ordering.

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



Size	A	B	D	E	F	H	I	J	L	Ø	Weight, kg
012	827	1199	565	332	500	1295	332	953	2219	500	550-576

### 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 = 158-176 kg.

### 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.

### Motor, heat exchanger

110 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

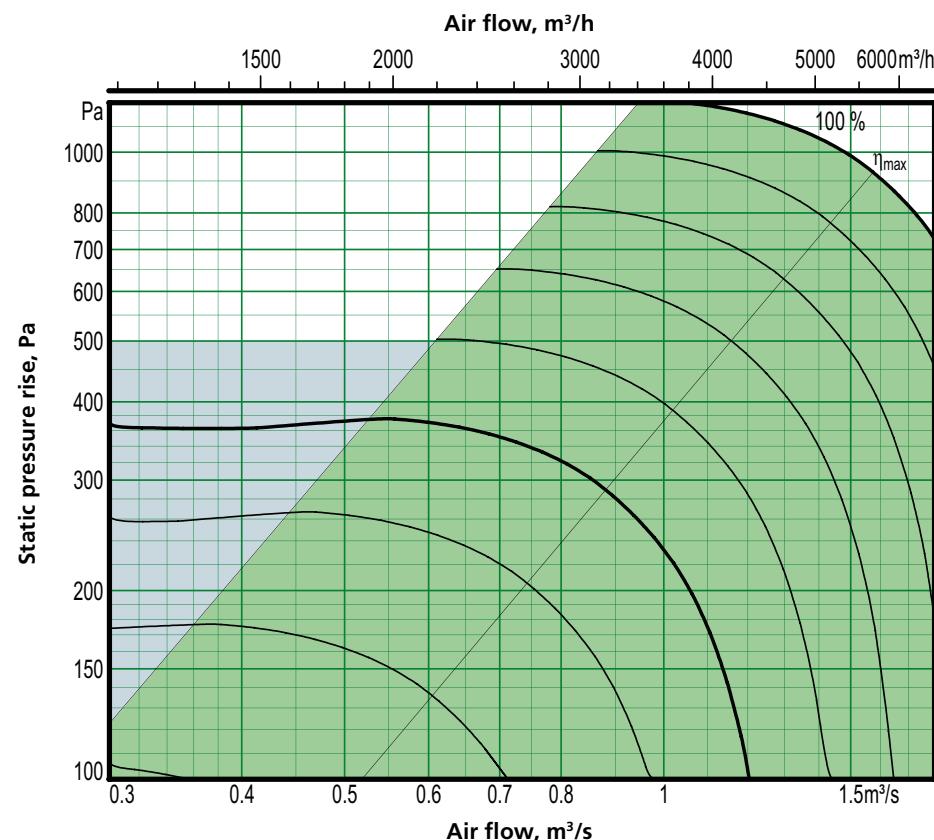
### Clear space for inspection

A clear space of 800 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

## Sizing, installation, dimensions and weights

### SILVER C RX, rotary 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.

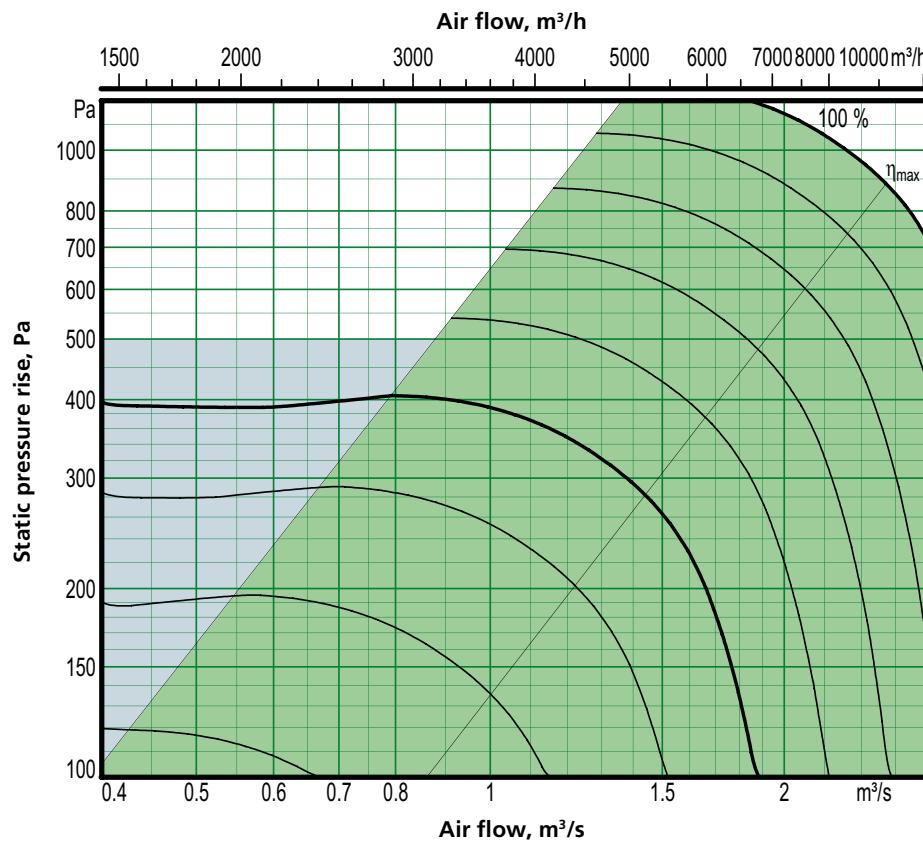
Size	Min. airflow (on airflow regulation)		Max. airflow	
	$\text{m}^3/\text{h}$	$\text{m}^3/\text{s}$	$\text{m}^3/\text{h}$	$\text{m}^3/\text{s}$
014	720	0.20	5940	1.65

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

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary 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 C RX, rotary heat exchanger, size 014/020

### Delivery and transport within the site

The SILVER C RX 014/020 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 RX and RX 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.

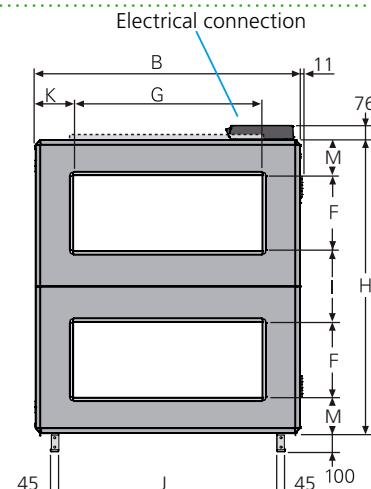
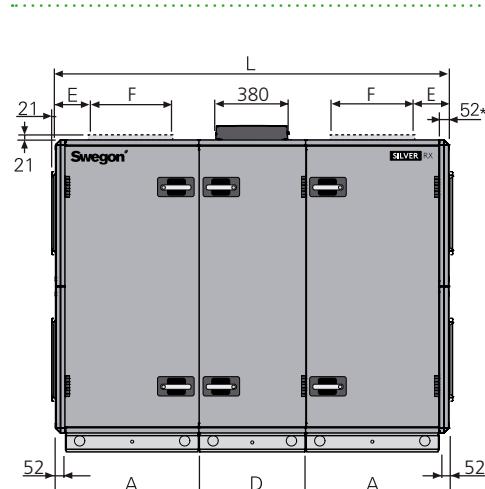
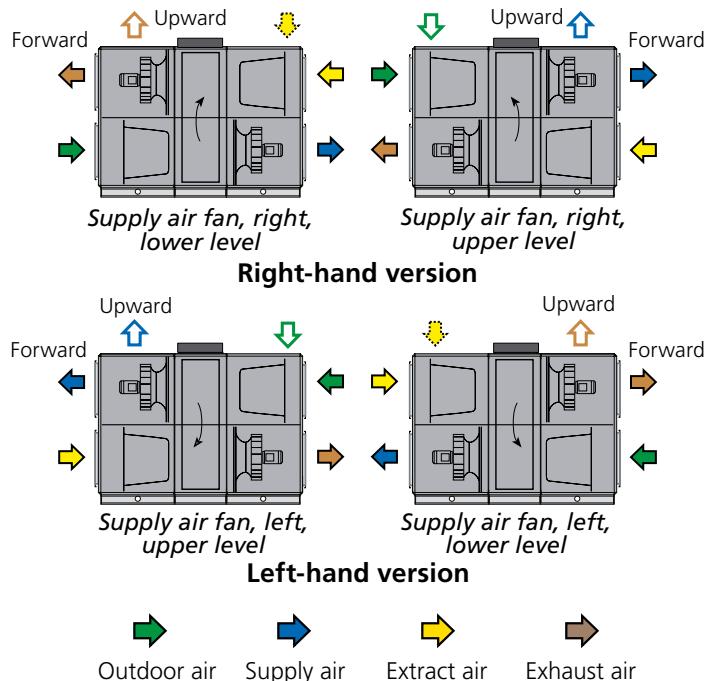
### Duct connection options

**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).

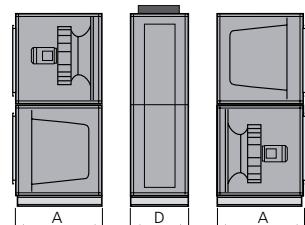
**D:** Specify whether the unit shall have an air intake from above for outdoor air or extract air when placing orders (does not apply to units installed outdoors).



\* 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	M	Weight, kg
014/020	757,5	1400	565	205	400	1000	1551	375	1154	200	2080	188	572-746

### 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 = 192-218 kg.

### Clear space for inspection

A clear space of 900 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

### 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

### Motor, heat exchanger

110 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

# Sizing, installation, dimensions and weights

## SILVER C RX Top, rotary heat exchanger, size 014/020

### Delivery and transport within the site

The SILVER C RX Top 014/020 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 RX and RX Top can be combined, see the section: Description of the Air Handling Unit.

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

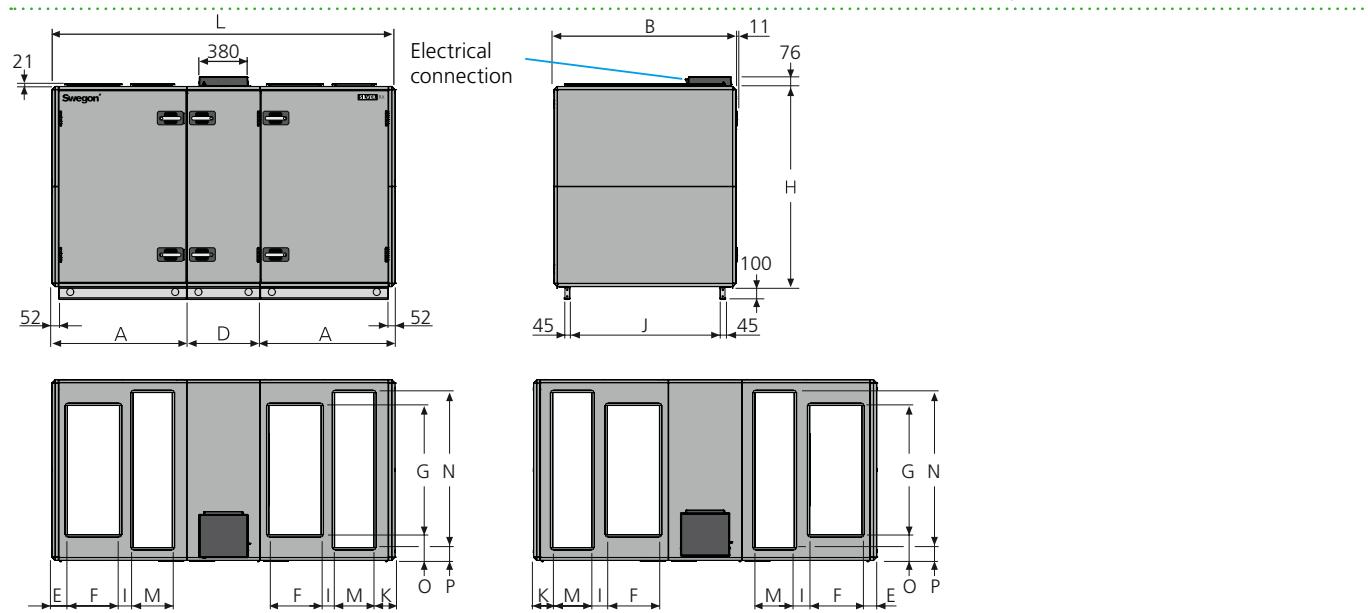
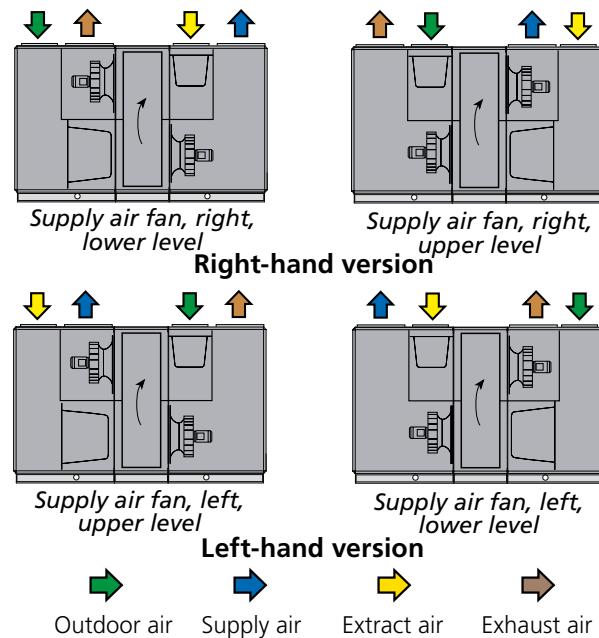
The air handling unit/unit sections is/are delivered on wooden beams.

### 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..

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

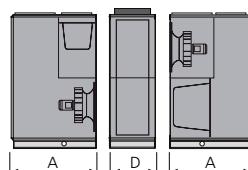


View from above. Shows the air handling unit's duct connections for supply air fan right up and left down

View from above. Shows the air handling unit's duct connections for supply air fan right down and left up

Size	A	B	D	E	F	G	H	I	J	K	L	M	N	O	P	Weight, kg
014/020	1039	1400	565	120	400	1000	1551	106	1154	165	2643	300	1200	200	100	726-832

### 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 = 267-307 kg, D = 192-218 kg.

### Clear space for inspection

A clear space of 900 mm should be provided in front of the unit and at least 200 mm should be provided above the junction hood.

### 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

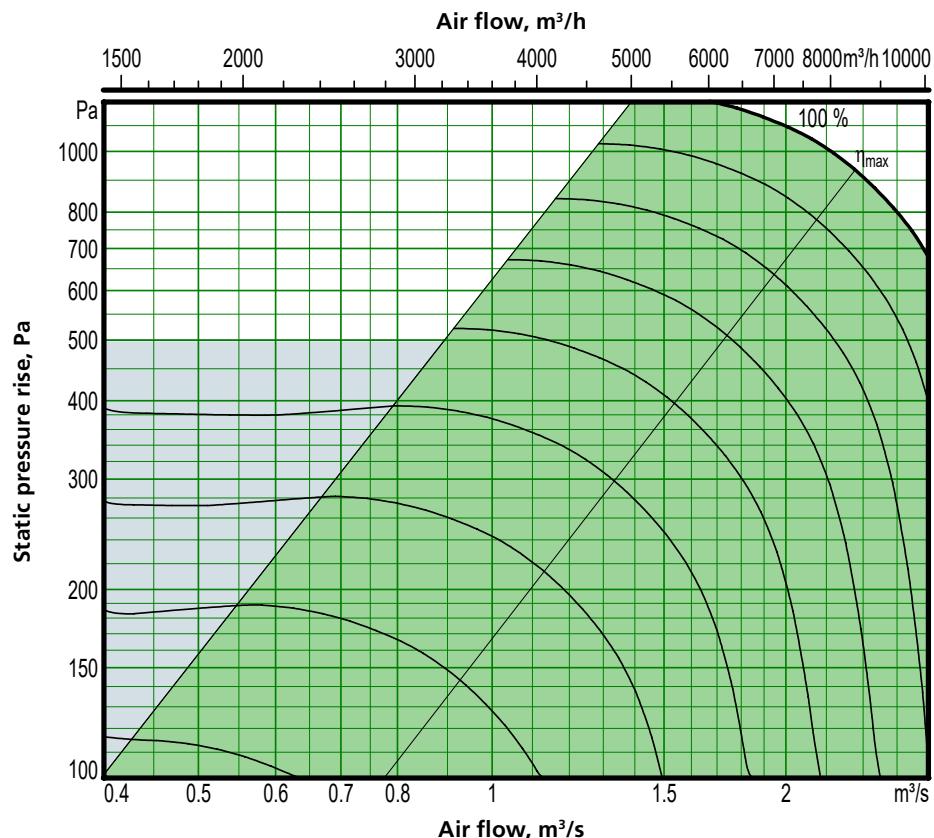
### Motor, heat exchanger

110 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

## Sizing, installation, dimensions and weights

### SILVER C RX, rotary 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.

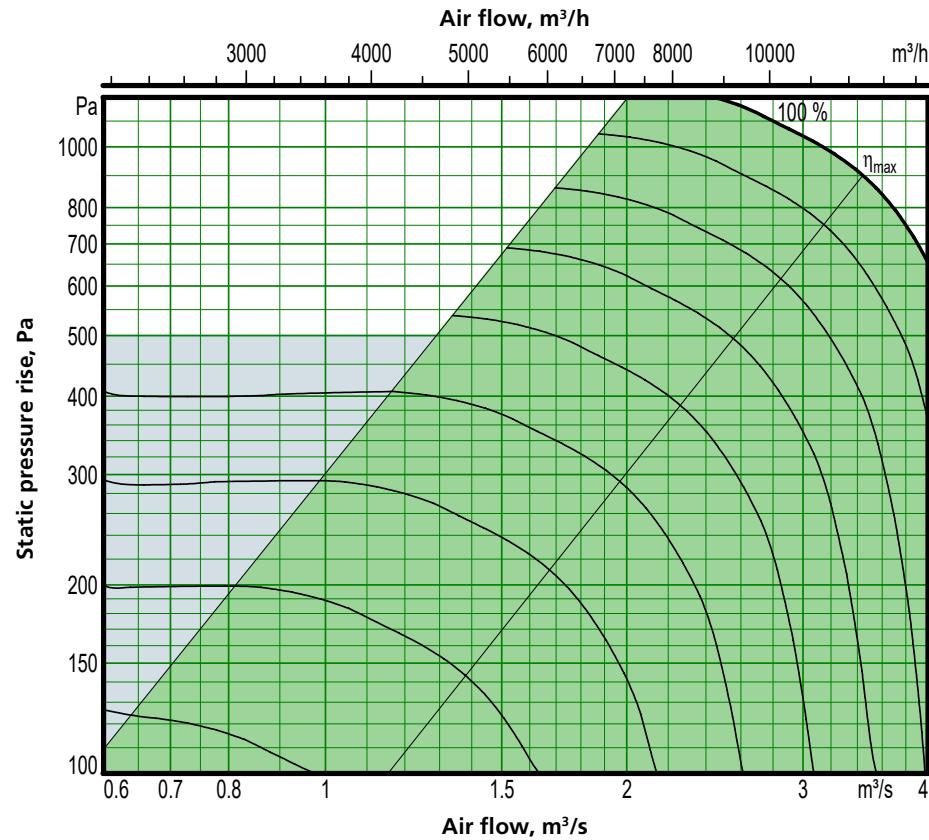
Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
025	1080	0.30	9000	2.50

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

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary 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	
	$\text{m}^3/\text{h}$	$\text{m}^3/\text{s}$	$\text{m}^3/\text{h}$	$\text{m}^3/\text{s}$
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 C RX, rotary heat exchanger, size 025/030

### Delivery and transport within the site

The SILVER C RX 025/030 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 RX and RX 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.

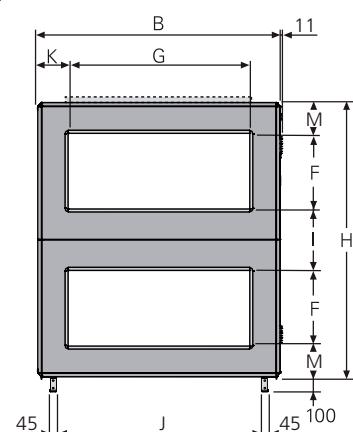
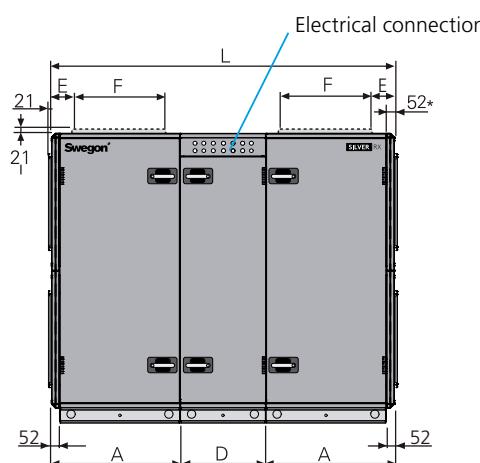
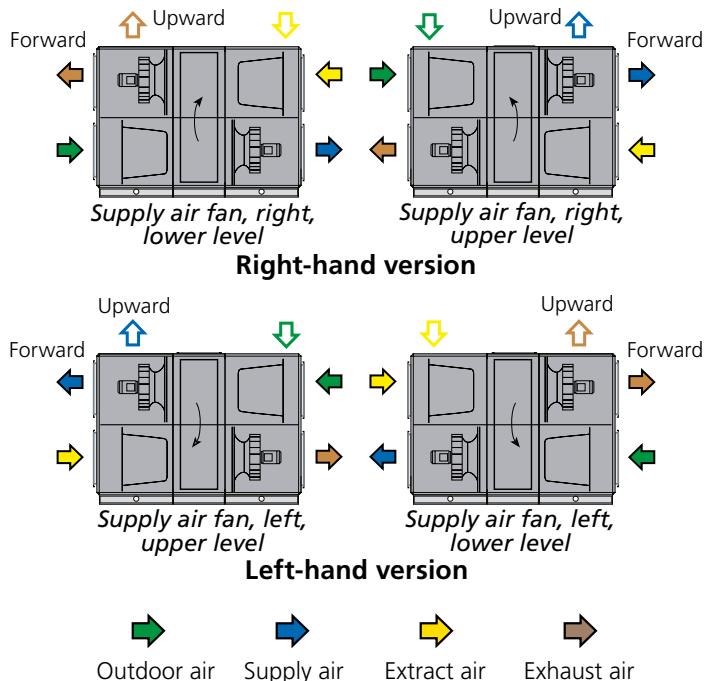
### Duct connection options

**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).

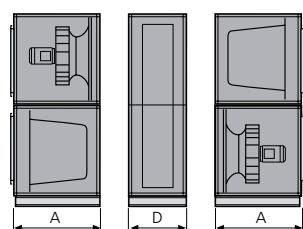
**D:** Specify whether the unit shall have an air intake from above for outdoor air or extract air when placing orders (does not apply to units installed outdoors).



\* 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	M	Weight, kg
025/030	848	1600	565	200	500	1200	1811	405	1354	200	2261	203	744-971

### 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 = 246-281 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

### Motor, heat exchanger

110 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

# Sizing, installation, dimensions and weights

## SILVER C RX Top, rotary heat exchanger, size 025/030

### Delivery and transport within the site

The SILVER C RX Top 025/030 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 RX and RX Top can be combined, see the section: Description of the Air Handling Unit.

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

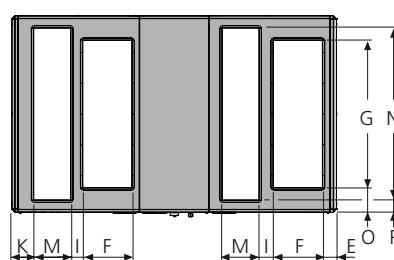
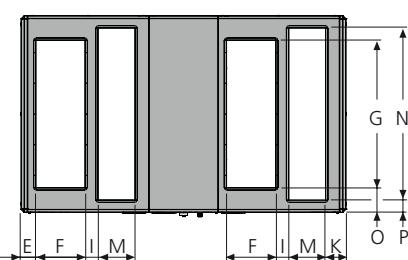
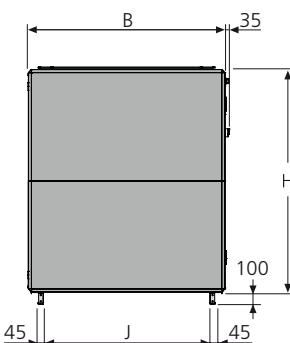
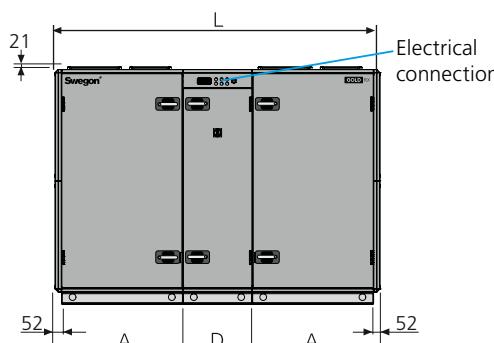
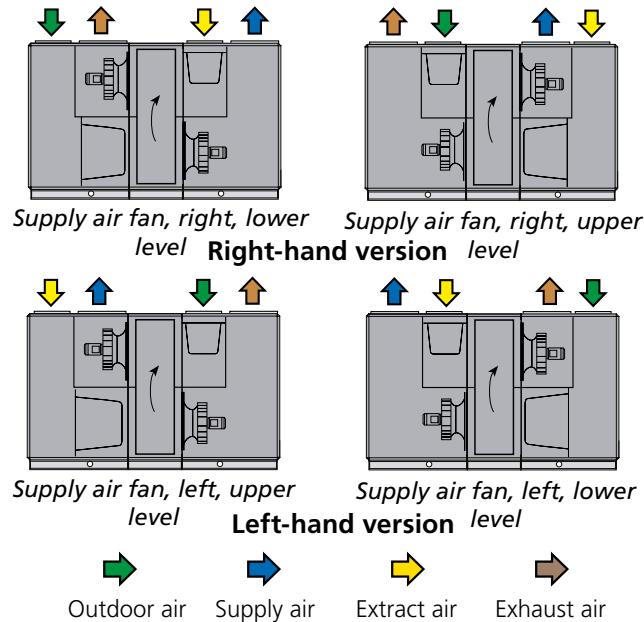
The air handling unit/unit sections is/are delivered on wooden beams.

### 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.

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

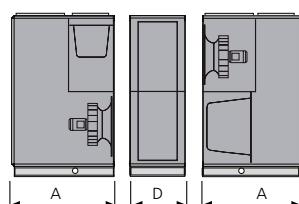


View from above. Shows the air handling unit's duct connections for supply air fan right up and left down

View from above. Shows the air handling unit's duct connections for supply air fan right down and left up

Size	A	B	D	E	F	G	H	I	J	K	L	M	N	O	P	Weight, kg
025/030	1039	1600	565	120	400	1200	1811	106	1354	165	2643	300	1400	200	100	884-1033

### 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 = 246-281 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

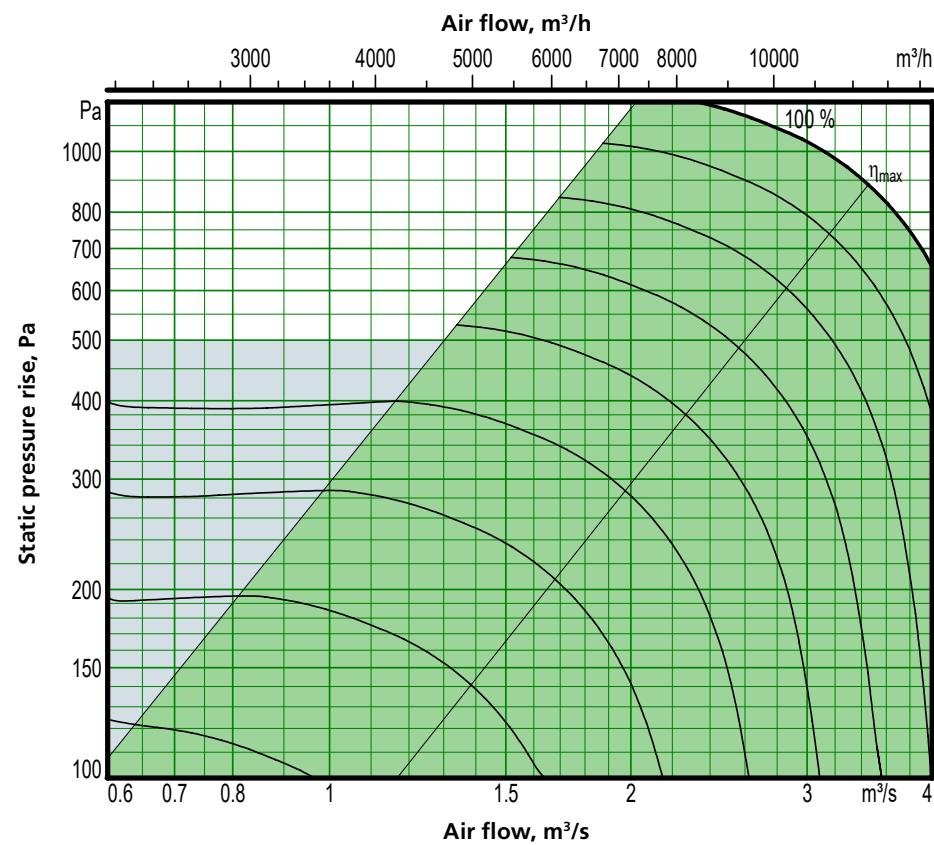
### Motor, heat exchanger

110 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10 A

## Sizing, installation, dimensions and weights

### SILVER C RX, rotary 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.

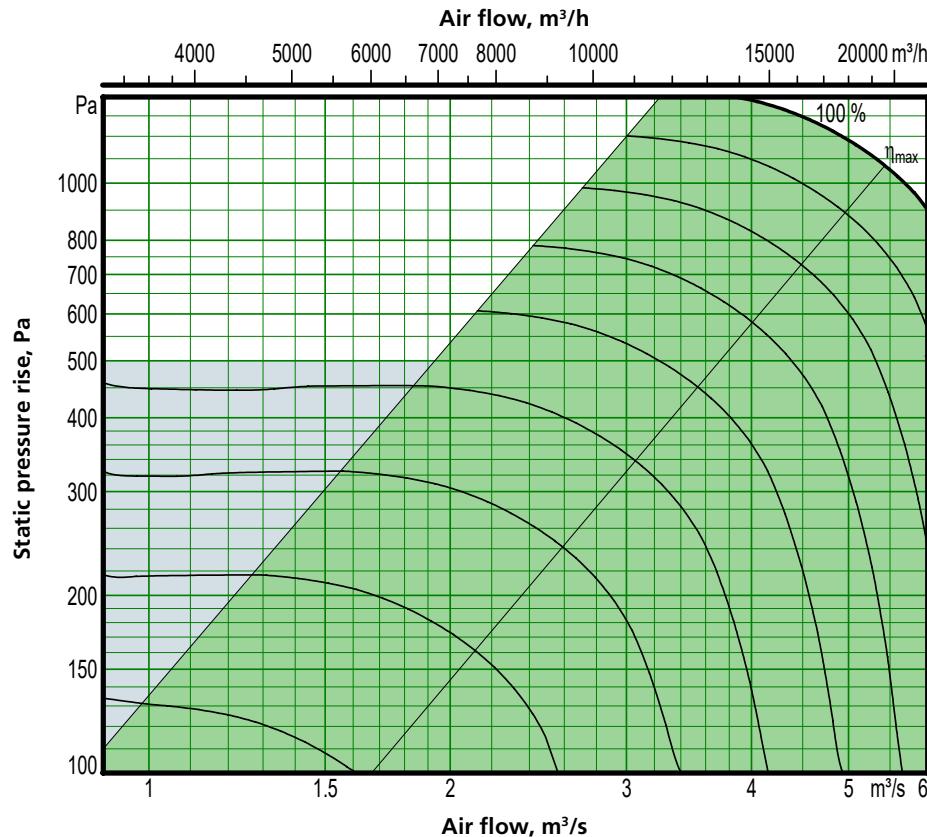
Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
035	1800	0.50	14040	3.90

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

## Sizing, installation, dimensions and weights

## **SILVER C RX, rotary 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	
	m <sup>3</sup> /h	m <sup>3</sup> /s	m <sup>3</sup> /h	m <sup>3</sup> /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 C RX, rotary heat exchanger, size 035/040

### Delivery and transport within the site

The SILVER C RX 035/040 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 011-080.

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

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

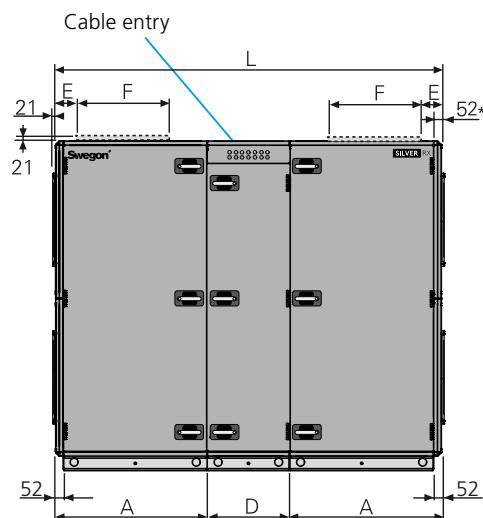
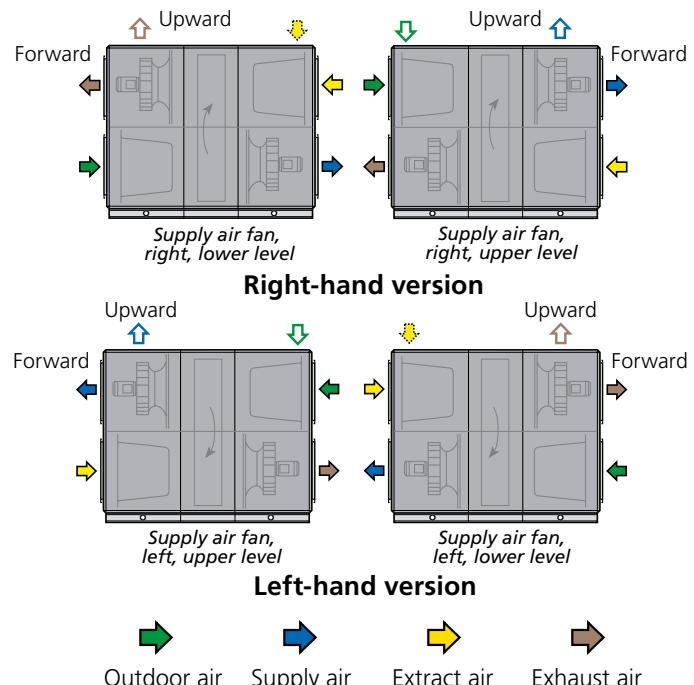
### Duct connection options

**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).

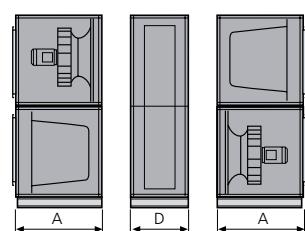
**D:** Specify whether the unit shall have an air intake from above for outdoor air or extract air when placing orders (Does not apply to units installed outdoors).



\* 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	M	Weight, kg
035/040	1038.5	1990	565	245	600	1400	2159	479	1744	295	2642	240	1096-1405

### 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 = 342-397 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, rated 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

### Motor, heat exchanger

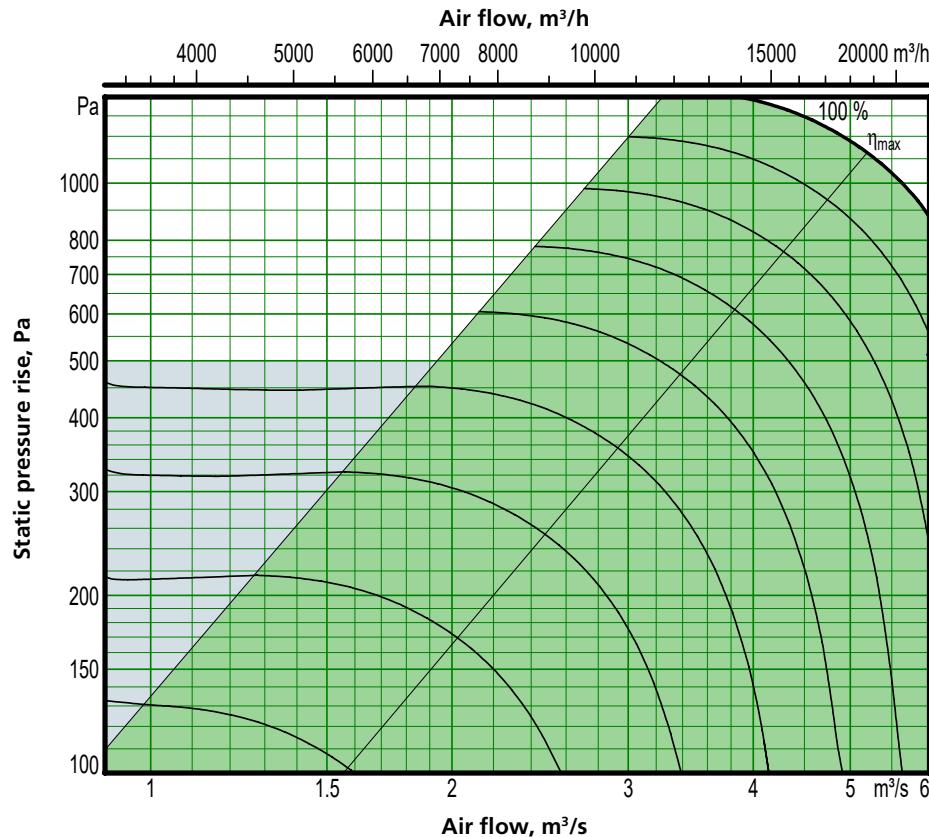
Standard: 110 W, 1 x 230 V, 50 Hz, max. perm. fuse prot.: 10A

Sorption: 220 W, 1 x 230 V, 50 Hz, max. perm. fuse prot.: 10A

## Sizing, installation, dimensions and weights

## **SILVER C RX, rotary 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.

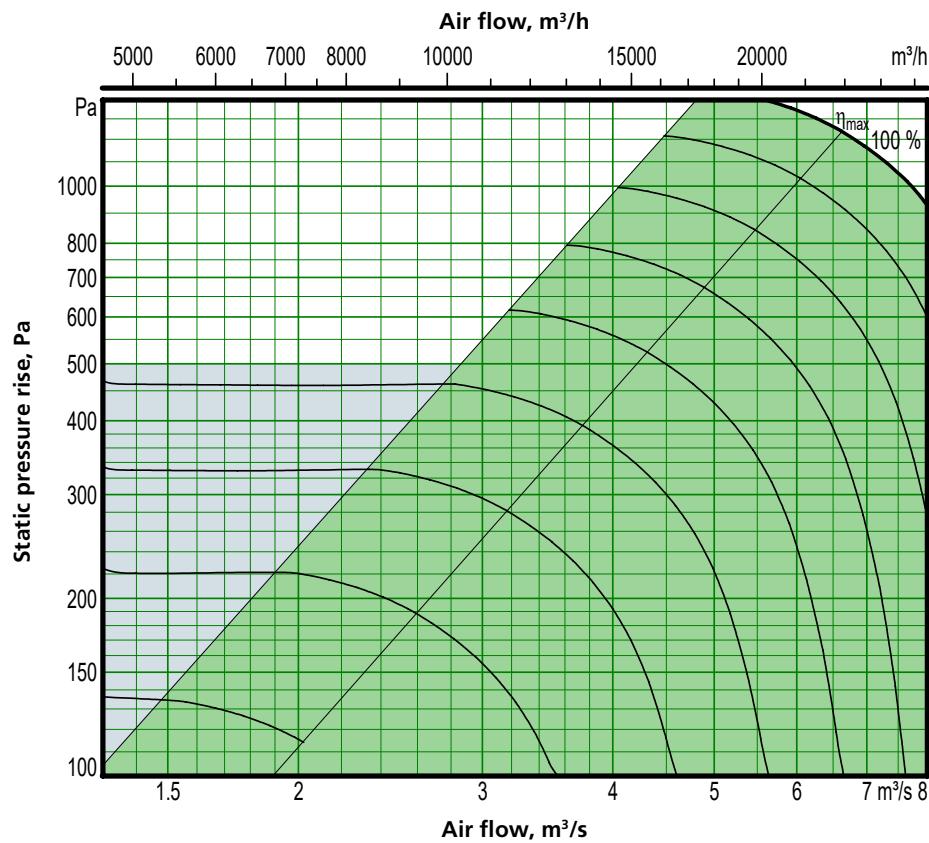
Size	Min. airflow (on airflow regulation)		Max. airflow	
	m <sup>3</sup> /h	m <sup>3</sup> /s	m <sup>3</sup> /h	m <sup>3</sup> /s
050	2700	0.75	18000	5.00

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

## Sizing, installation, dimensions and weights

### SILVER C RX, rotary 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	3600	1.00	23400	6.50

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

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary heat exchanger, size 050/060

### Delivery and transport within the site

The SILVER C RX 050/060 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 011-080.

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

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

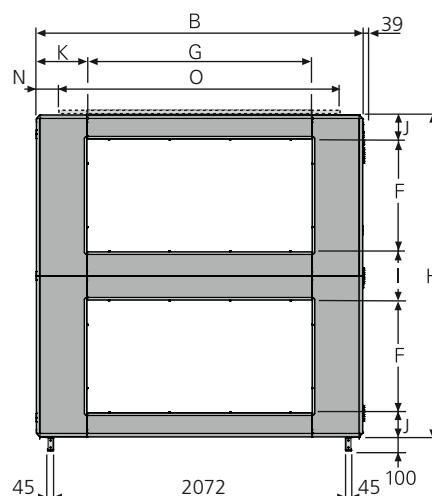
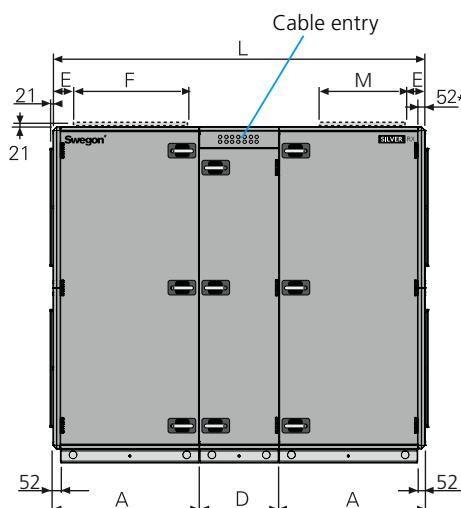
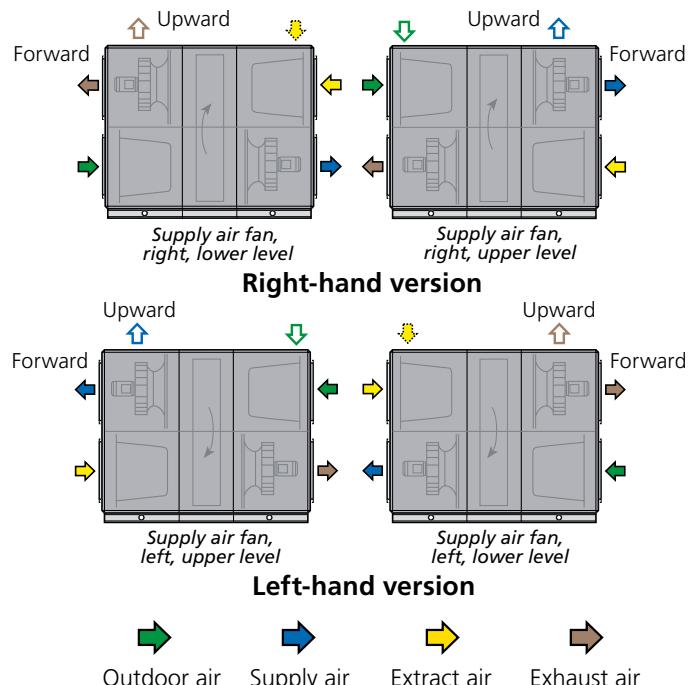
### Duct connection options

**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.

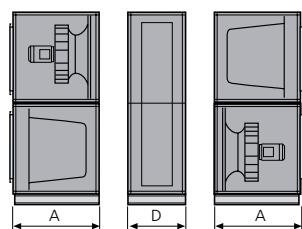
**C:** Specify upper fan outlet for upward air discharge when placing orders (not for outdoor units).

**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.



Size	A	B	D	E	F	G	H	I	J	K	L	M	N	O	Weight, kg
050/060	1038,5	2318	565	145	800	1600	2288	344	172	359	2642	600	159	2000	1298-1752

### 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 = 410-492 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 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.

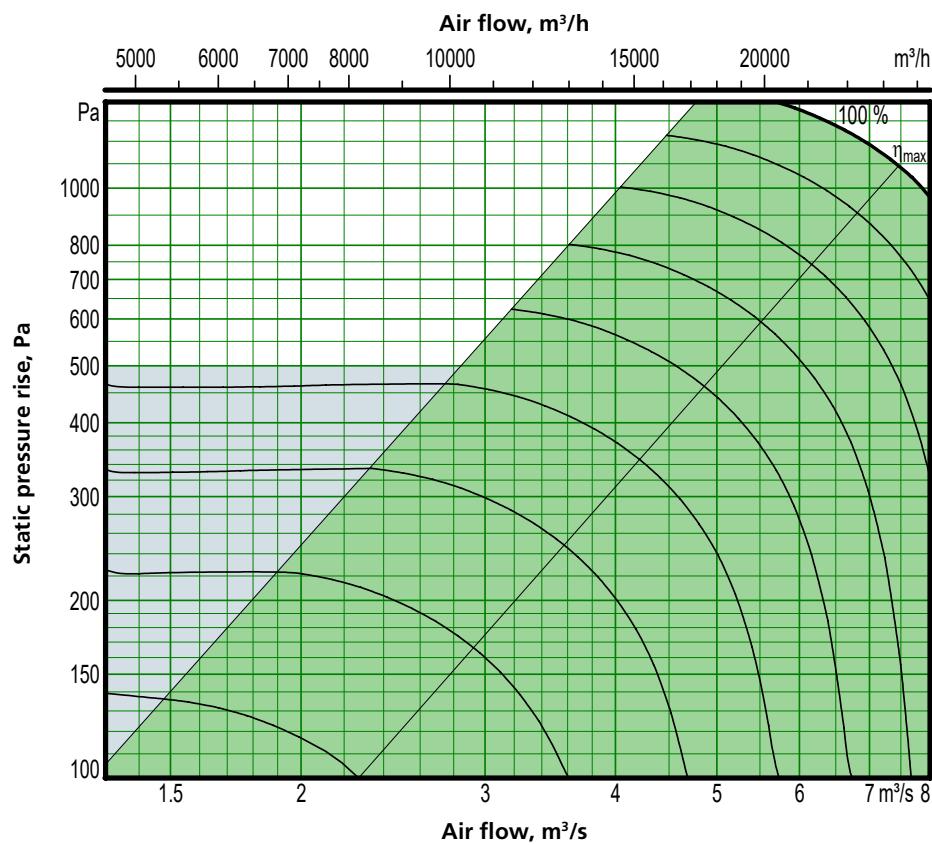
### Motor, heat exchanger

220 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

## Sizing, installation, dimensions and weights

### SILVER C RX, rotary 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.

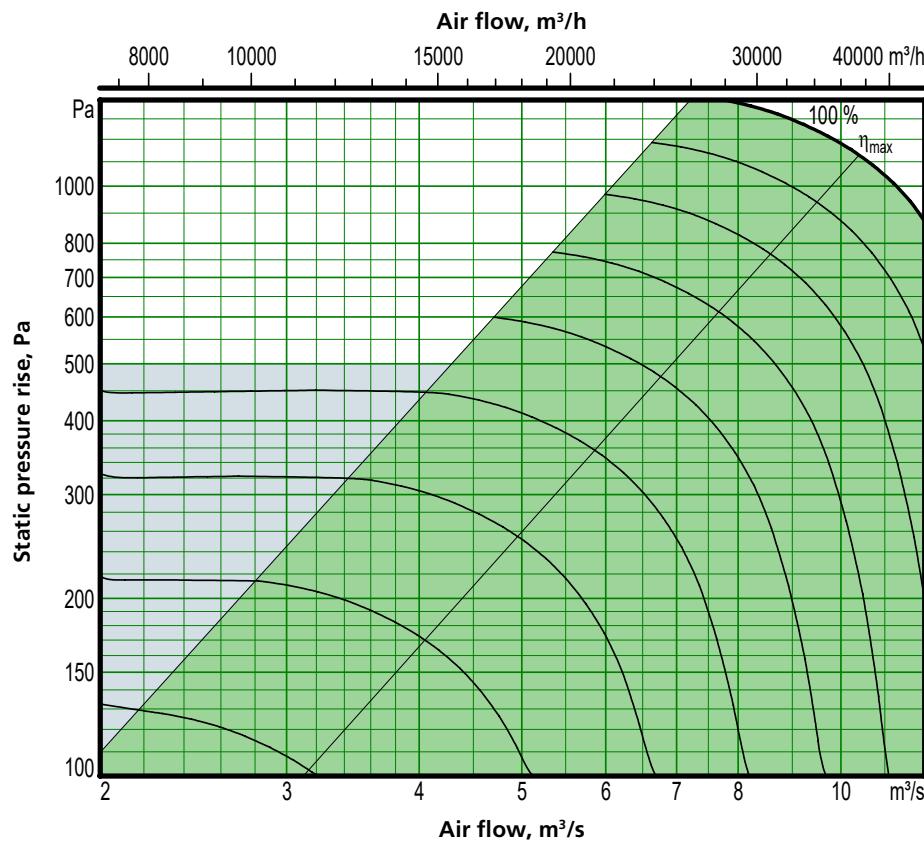
Size	Min. airflow (on airflow regulation)		Max. airflow	
	m³/h	m³/s	m³/h	m³/s
070	3600	1.00	28800	8.00

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

## Sizing, installation, dimensions and weights

## **SILVER C RX, rotary heat exchanger, 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	
	m <sup>3</sup> /h	m <sup>3</sup> /s	m <sup>3</sup> /h	m <sup>3</sup> /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 C RX, rotary heat exchanger, size 070/080

### Delivery and transport within the site

The SILVER C RX 070/080 can be supplied in two 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 unit sections are jointed together/split by means of bolts.

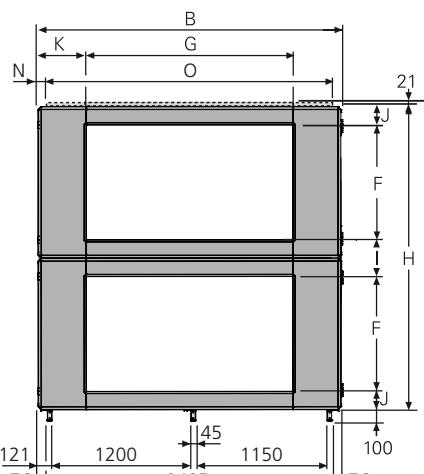
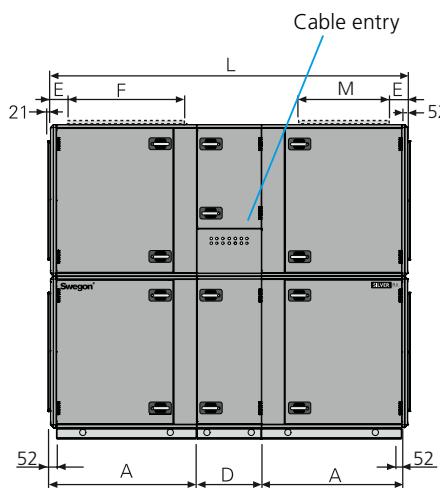
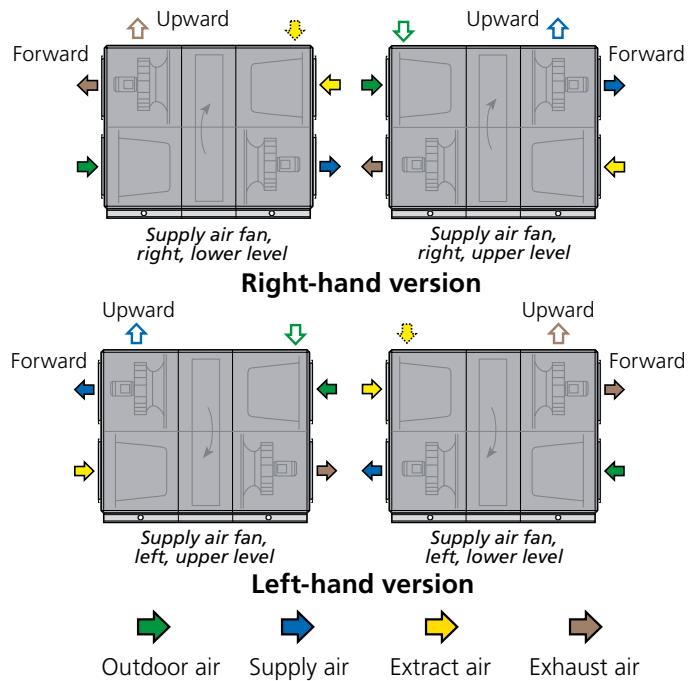
### Duct connection options

**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).

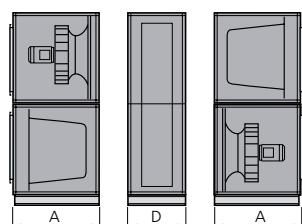
**D:** Specify whether the unit shall have an air intake from above for outdoor air or extract air when placing orders (Does not apply to units installed outdoors). N.B.! Duct connection size: 2,400 x 750 mm.



\* 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	M	N	O	Weight, kg
070/080	1273,5	2637	565	162	1000	1800	2640	320	160	418,5	3112	750	118,5	2400	2218-2649

### 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 = 646-737 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, rated 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, rated 11.5 A alt. 16 A

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

### Motor, heat exchanger

Size 070: 220 W, 1 x 230 V, 50 Hz, max. perm. fuse prot. 10A

Size 080:

Standard, 220 W, 1 x 230 V, 50 Hz, max. perm. fuse prot. 10A  
Sorption, 790 W, 1 x 230 V, 50 Hz, max. perm. fuse prot. 10A

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary heat exchanger, size 070+/080+

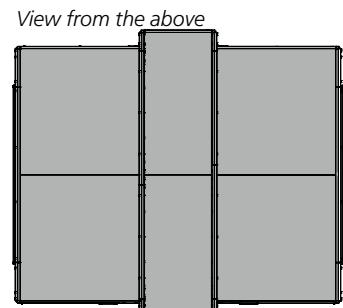
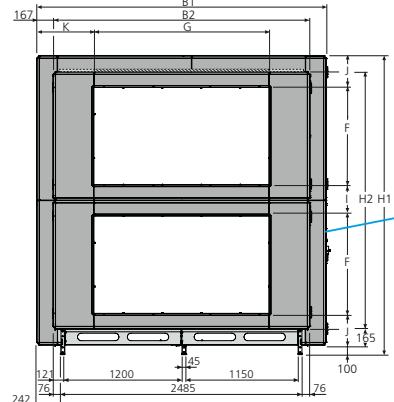
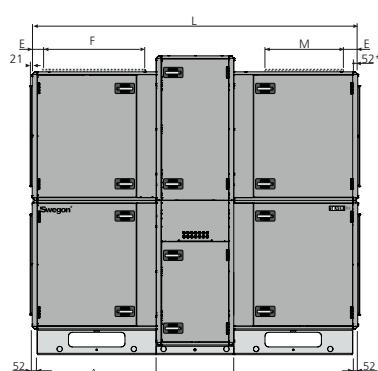
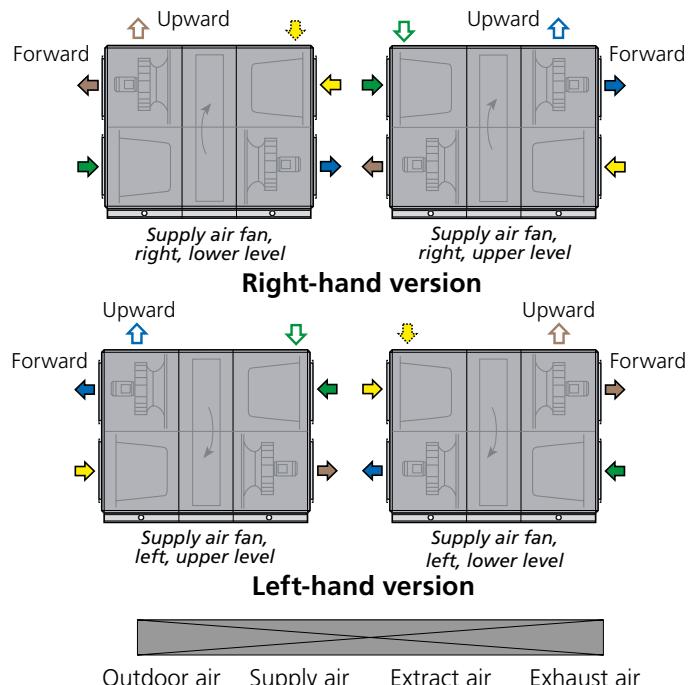
### Delivery and transport within the site

The SILVER C RX 70+/80+ is normally supplied with the heat exchanger section assembled. In that case, delivery takes place in two separate parts: a fan/filter section and a fan/filter section + heat exchanger section. The heat exchanger section can also be supplied split. In that case, delivery takes place as two separate fan/filter sections and the heat exchanger section is delivered as two casing sections and rotor, in which case the rotor is supplied tilted in a transport cradle (transport height = 2480 mm, minimum transport width = 2250 mm). After the heat exchanger section has been assembled, if required, the three sections are installed at the building site.

The three sections are joined together with 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 will have an air intake from above for outdoor air or extract air when placing the order (does not apply to units installed outdoors). Note: Duct connection size: 2400 x 750 mm.



\* 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	H1	H2	I	J	K	L	M	Weight, kg
070+/080+	1273.5	2970	2637	796	162	1000	1800	3070	2640	320	325	585	3343	750	2614-3335

### Transport, dimensions and weights

#### Filter/fan sections

Length = 1273.5 mm Height = 2905 mm. Weight: 807-1070 kg.

#### Heat exchanger section, mounted

Length = 796 mm Height = 3070 mm.

Weight: Heat exchanger section = 1000-1195 kg.

#### Heat exchanger section, supplied in two casing sections + rotor

See transport dimensions in the Delivery and at-site transport section above. Weight: lower casing section = 420-470 kg, upper casing section = 315-345 kg, rotor = 305-425 kg, transport cradle = 140 kg

### Clear space for inspection

A clear space of 1100 mm should be provided in front of the fan/filter sections.

### 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 alt. 2 x 10 kW, motor control system: 3 x 400 V, 50 Hz

### Motor, heat exchanger

Size 070: 220 W, 1 x 230 V, 50 Hz, max. perm. fuse prot. 10A

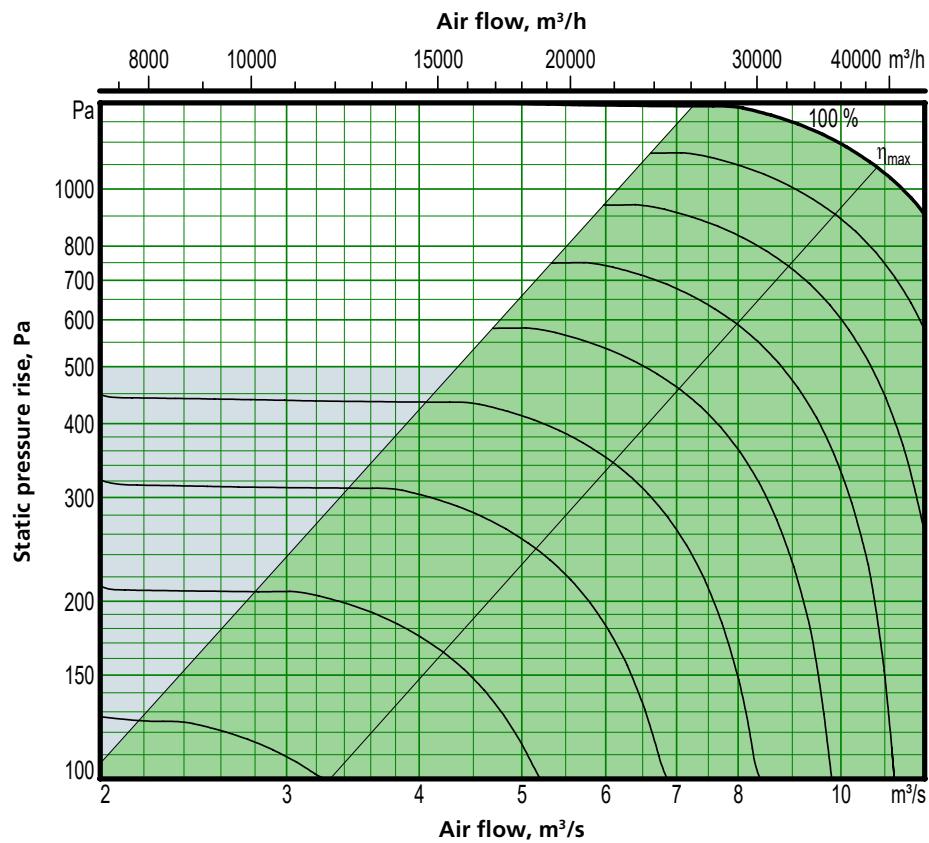
Size 080:

Standard, 220 W, 1 x 230 V, 50 Hz, max. perm. fuse prot. 10A

Sorption, 790 W, 1 x 230 V, 50 Hz, max. perm. fuse prot. 10A

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary heat exchanger, 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	
	$\text{m}^3/\text{h}$	$\text{m}^3/\text{s}$	$\text{m}^3/\text{h}$	$\text{m}^3/\text{s}$
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 C RX, rotary heat exchanger, size 100

### Delivery and transport within the site

The SILVER C RX 100 is supplied in five separate sections: Two fan sections, two filter sections and one heat exchanger section. The heat exchanger section can also be supplied split into two casing sections and rotor, in which case the rotor is supplied tilted in a transport cradle (transport height = 2,930 mm, minimum transport width = 2,350 mm). After the heat exchanger section has been assembled, if required, the five sections must be installed at the building site.

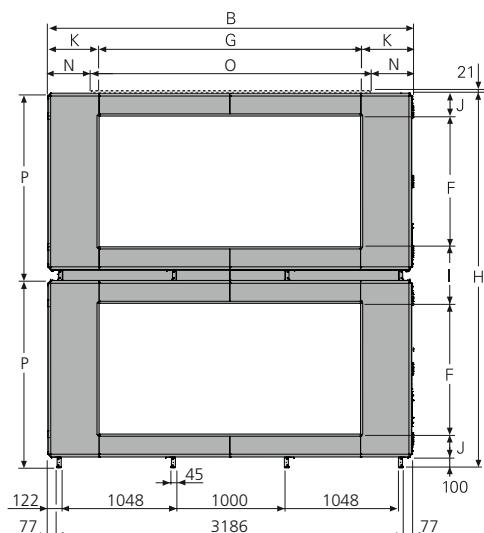
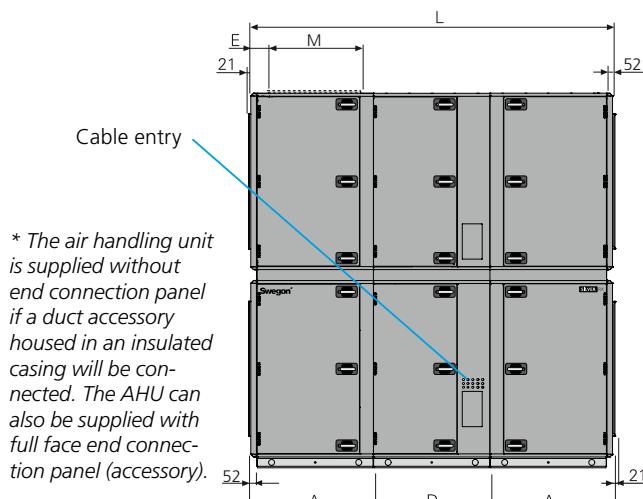
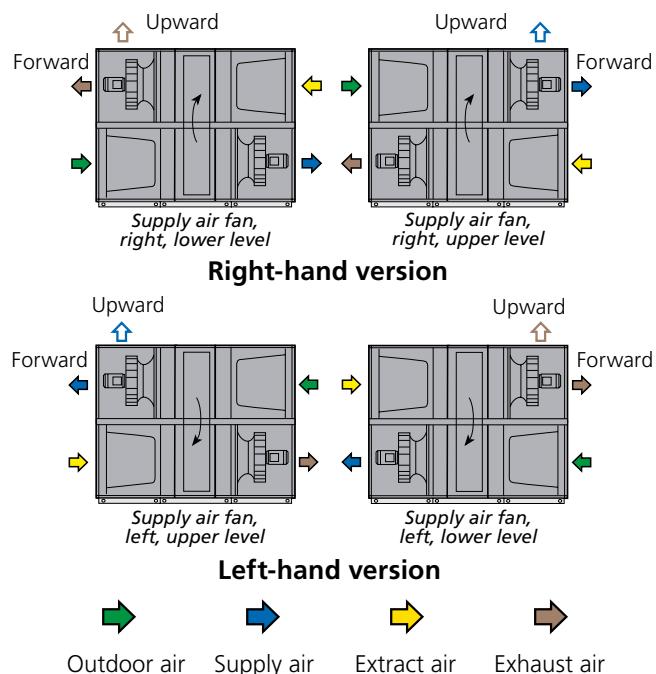
The five unit sections are jointed together/split by means of bolts.

### 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). N.B.! Duct connection size: 2,500 x 800 mm.



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	3324-3910

### 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 section, mounted

See dimensions D and H in the table above.

Weight: heat exchanger section = 1232-1390 kg.

#### Heat exchanger section, supplied in two casing sections + rotor

See transport dimensions in the Delivery and at-site transport section above.

Weight: casing lower section = 513 kg, casing upper section = 300 kg, rotor = 428 kg, transport cradle = 190 kg

### Clear space for inspection

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

### Rated data per fan

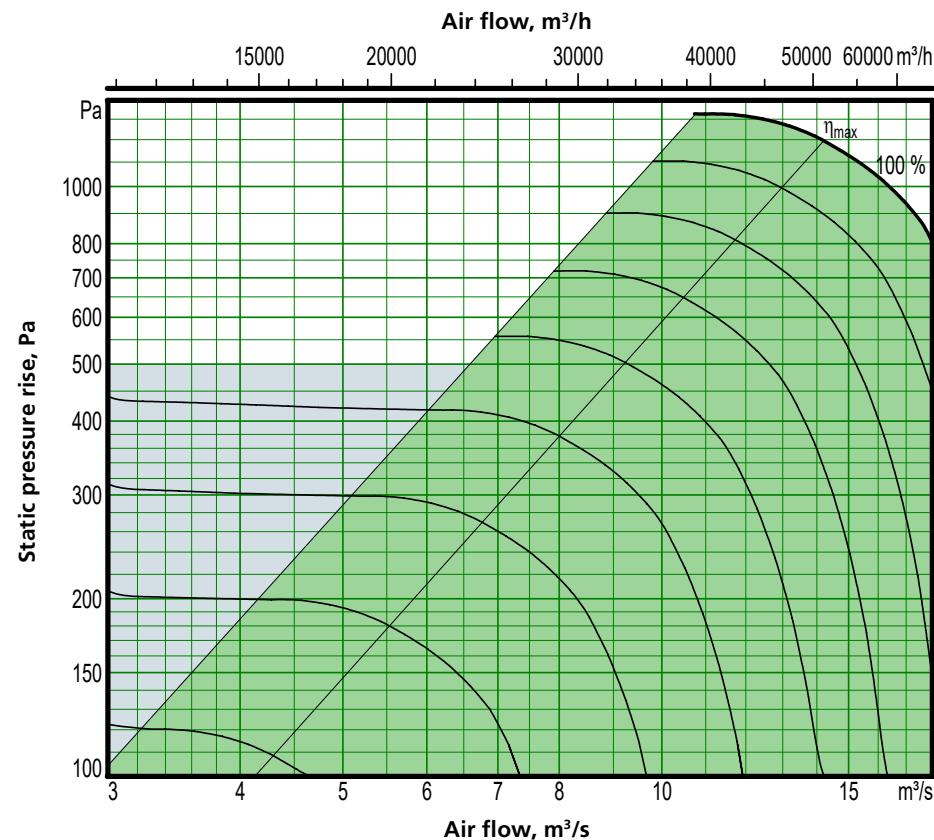
Motor shaft power: 2 x 6.5 kW alt. 2 x 10 kW\*,  
motor control system: 3 x 400 V, 50 Hz, rated 11.5 A alt. 16 A  
\* Two fans/motor control systems per airflow direction.

### Motor, heat exchanger

790 W, 1 x 230 V, 50 Hz, max. perm. fuse protection: 10A

# Sizing, installation, dimensions and weights

## SILVER C RX, rotary heat exchanger, size 120



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	
	m <sup>3</sup> /h	m <sup>3</sup> /s	m <sup>3</sup> /h	m <sup>3</sup> /s
120	9000	2.50	50400	14.0

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



