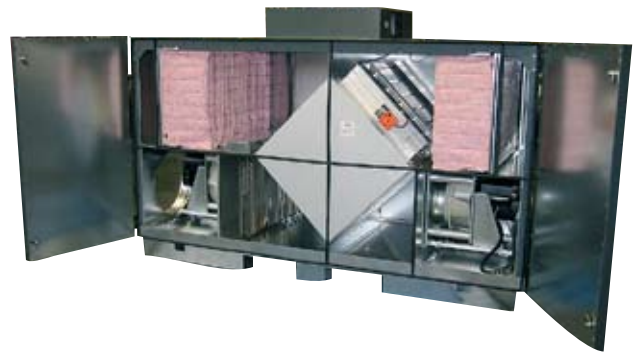


Flexit L20 X

Art.no.	Type	Automatic
14611	L20 XE 400V	SP400
14615	L20 XW	SP400
14621	L20 XE 400V	CS1000
14625	L20 XW	CS1000



Control Panel included in all units.

	L20 XW	L20 XE
Rated voltage:	230 V	400 V
Fuse:	1 x 16 A	3 x 32 A
Rated current, total:	7,5 A	26 A
Rated power, total:	1 400 W	16 400 W
Rated power, electric battery:		15 000 W
Rated power, fans:	2 x 750 W	2 x 750 W
Rated preheating power:		
Fan type:	B-wheel	B-wheel
Fan motor control:	Frequency converter	Frequency converter
Max. fan speed:	3 000 rpm	3 000 rpm
Filter type (SUP/EXTR):	F 7	F 7
Filter dimensions (W x H x D):	2 x (813 x 548 x 300 mm)	2 x (813 x 548 x 300 mm)
Number of bags:	14	14
Weight:	320 kg	320 kg
Duct connection:	Ø400 mm	Ø400 mm
Height:	1 400 mm	1 400 mm
Width:	2 060 mm	2 060 mm
Depth:	900 mm	900 mm

Flexit L20 X

Accessories



Bag Filter
Art.no. Type
12350 F7



3-way Valve
Art.no. Type
57228 KVS 2,5 3-way
56433 KVS 2,5 2-way
56072 fittings KVS 2,5
56233 KVS 4.0 3-way
56434 KVS 4.0 2-way



Motor 3-way Valve
Art.no.
56234



Closing Air Damper w/ Spring Return
Art.no. Type
14479 Ø400 on/off
14480 Ø400 spring return



SP440 CO₂
Art.no.
09359



SP 435 Motion Detector
Art.no.
09358



SP 450 Motion Detector
Art.no.
09390



CC 1050 Pressure Sensor
Art.no.
09367



SP 445 Smoke Detector
Art.no.
09362

Accessories, automatic SP 400



SP 405 Week Timer
Art.no. 09297



SP 415 Forcing Switch
Art.no. 09299



SP 420 Heat Control Switch
Art.no. 09294



RM 400 Refrigeration Control
Art.no. 09356

Accessories, automatic CS1000



CC 1060 GSM-card
Art.no. 09370

Modem, antenna with cable and magnet holder, transformer and cable 0,8 m.

CC 1061 GSM-equipment
Art.no. 09371



CC 1062 LON-card
Art.no. 09372



CC 1063 WEB/OPC-card
Art.no. 09373



CC 1040 Room Sensor
Art.no. 09368



CC 1041 Outdoor Air Sensor
Art.no. 09369



SP430 Pressure Sensor
Art.no. 09357

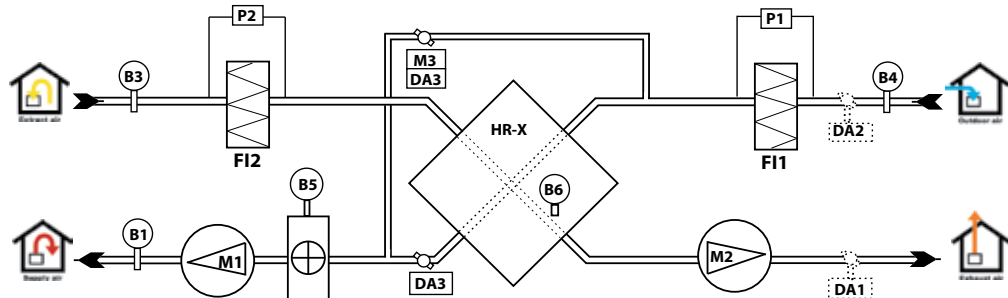


Press Button
Art.no. 09364

Flexit L20 X

L20 XWR

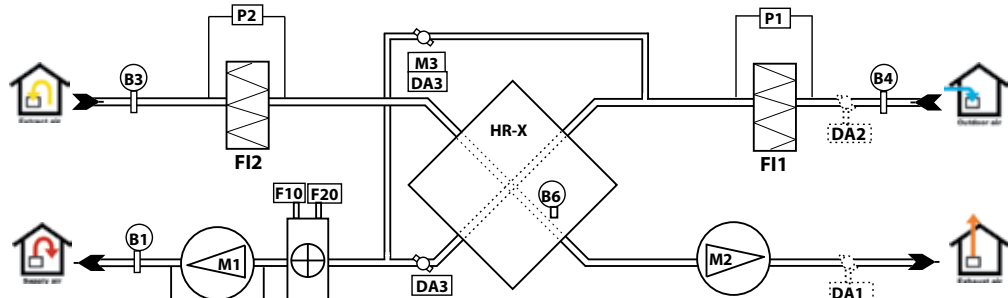
System drawing, water heating



- | | | | | | |
|------|-----------------------------|----|--|-----|--|
| M1 | Supply air fan | P2 | Pressure guard, extract air | B6 | Thermoguard temperature sensor |
| M2 | Extract air fan | B1 | Supply air temperature sensor | F10 | Overheating thermostat, manual reset |
| M3 | Air damper motor, exchanger | B3 | Extract air temperature sensor (not standard) | F20 | Overheating thermostat |
| F11 | Supply air filter | B4 | Temperature sensor, outdoor air (not standard) | DA1 | Air damper, exhaust air (not standard) |
| F12 | Extract air filter | B5 | Water battery temperature sensor (frost relay) | DA2 | Air damper, outdoor air (not standard) |
| HR-X | Cross heat exchanger | | | DA3 | Air damper, heat exchanger |
| P1 | Pressure guard, supply air | | | WB1 | Water heating battery |

L20 XER

System drawing, electric heating



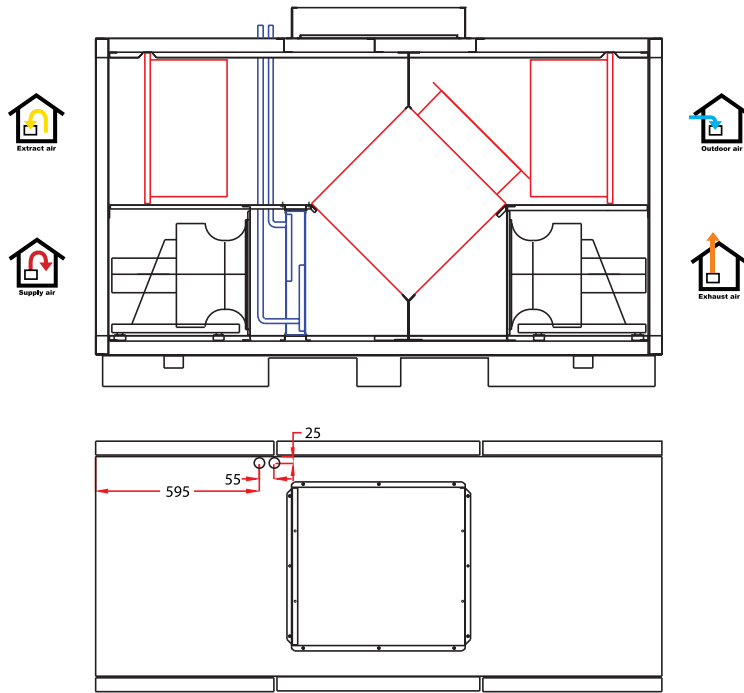
- | | | | | | |
|------|--------------------------------------|-----|------------------------------------|-----|---|
| M1 | Supply air fan | F20 | Overheating thermostat | B3 | Extract air temperature sensor (not standard) |
| M2 | Extract air fan | P1 | Pressure guard, supply air filter | DA1 | Air damper, exhaust air (not standard) |
| F11 | Supply air filter | P2 | Pressure guard, extract air filter | DA2 | Air damper, outdoor air (not standard) |
| F12 | Extract air filter | P3 | Flow detector, supply air fan | DA3 | Air damper, heat exchanger |
| HR-X | Cross heat exchanger | B1 | Supply air temperature sensor | EB1 | Electric heating battery |
| F10 | Overheating thermostat, manual reset | B6 | Thermoguard temperature sensor | | |

Flexit L20 X

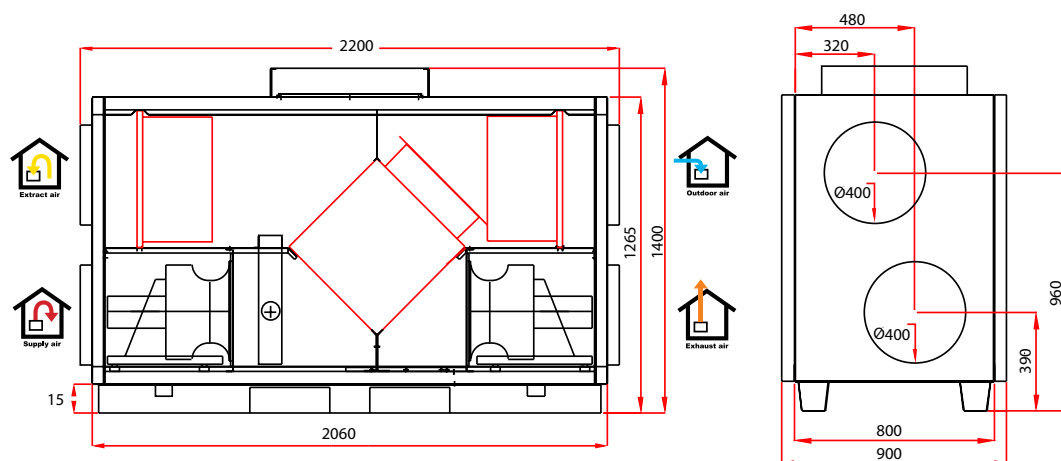
Dimensioned drawing

Dimensions in mm

L20 XW (water-based heating)



L20 XE (electric heating)

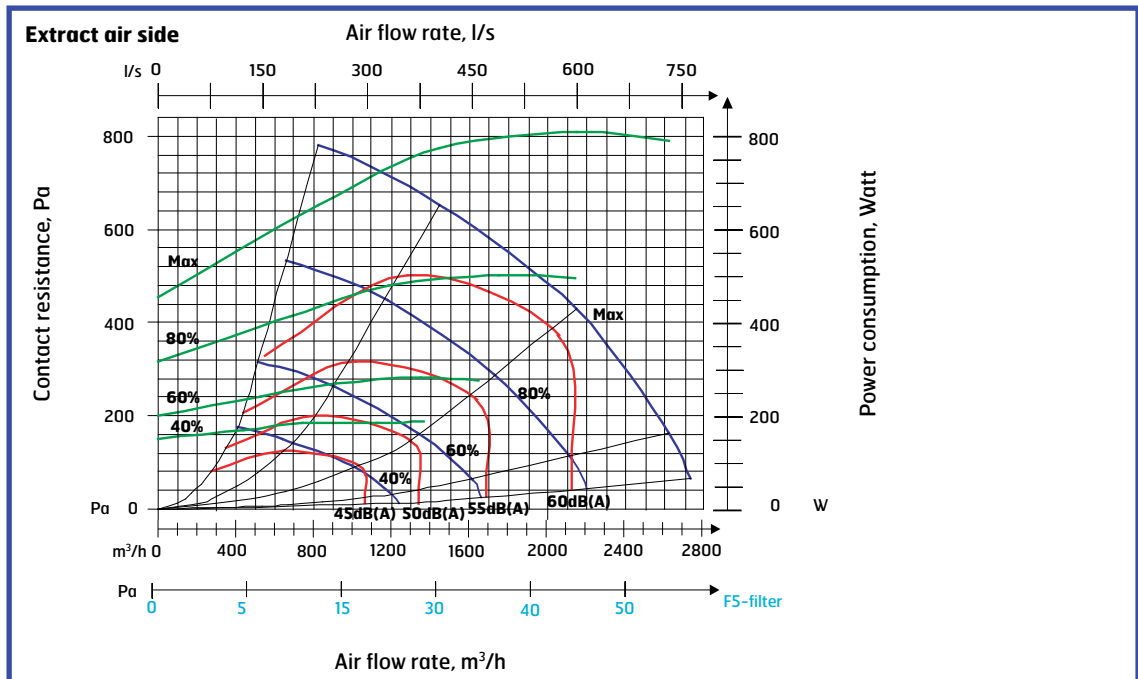
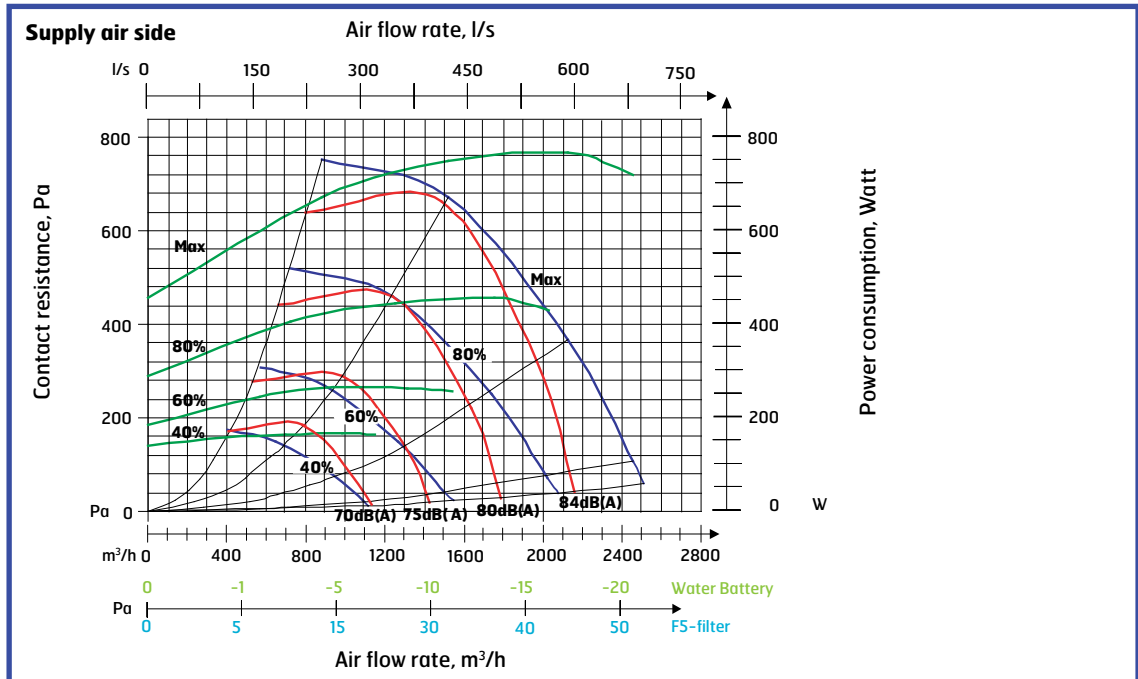


The dimensions are the same on both gable sides.

NB! The unit has 2 doors on each side so that it can be operated from either side.

Flexit L20 X

Capacity Diagram L20 W/E (measured with an F7 filter)



Sound data is given at sound power level L_{wA} in the capacity diagrams and is corrected with the table below for the various octave bands. Radiated noise produces L_w in the various octave bands and total L_{wA}. Radiated noise is calculated by taking the noise value from the supply air table and deducting the total value from the correction factor table.

Supply air data is measured in accordance with ISO 5136, the induct method. Radiated noise is measured in accordance with ISO 9614-2. Bruel & Kjaer measuring equipment, type 2260.

Correction factor for L _w									
Hz	63	125	250	500	1000	2000	4000	8000	Total L _{wA}
Supply air	2	-9	-1	-3	-4	-9	-17	-28	
Extract air	20	6	-7	-1	-17	-24	-34	-43	
Radiated	-40	-40	-33	-31	-28	-29	-33	-49	-23,6

Blue curves: Air capacity at various capacity settings in Volt.
Green curves: Supply air fan power consumption at various capacity settings.
Red curves: Sound power level L_{wA}, cf. correction table.
Light blue correction axis: Pressure increase using an EU-5 filter.
Light green correction axis: Pressure increase using water battery.