

Flexit L12 X

Art.nr.	Type
14601	L12 XE 400V
14605	L12 XW



SP400 Control Panel included in all units.

	L12 XW	L12 XE
Rated voltage:	230 V	400 V
Fuse:	1 x 10 A	3 x 16 A
Rated current, total:	7 A	15 A
Rated power, total:	1 080 W	7 080 W
Rated power, electric battery:		6 000 W
Rated power, fans:	2 x 560 W	2 x 560 W
Rated preheating power:		
Fan type:	F-wheel	F-wheel
Fan motor control:	Transformer	Transformer
Max. fan speed:	1 400 rpm	1 400 rpm
Filter type (SUP/EXTR):	F 7	F 7
Filter dimensions (W x H x D):	2 x (540 x 354 x 428 mm)	2 x (540 x 354 x 428 mm)
Number of bags:	8	8
Weight:	165 kg	165 kg
Duct connection:	Ø315 mm	Ø315 mm
Height:	1 025 mm	1 025 mm
Width:	1 700 mm	1 700 mm
Depth:	630 mm	630 mm

See the separate automatic control brochure.

Flexit L12 X

Accessories



Bag Filter
Art.no. Type
12320 F7



Closing Air Damper w/Spring Return
Art.no. Type
14477 Ø 315 on/off
14478 Ø 315 spring return



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



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 SP400



SP 405 Week Timer
Art.no. 09297



SP 415 Forcing Switch
Art.no. 09299



SP 420 Heat Control Switch
Art.no. 09294

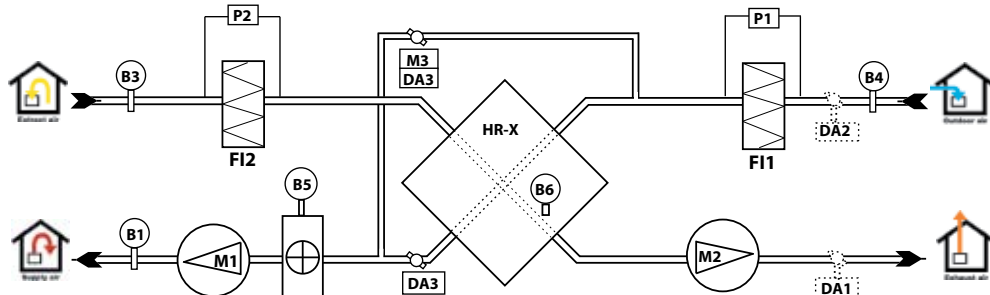


RM 400 Refrigeration Control
Art.no. 09356

Flexit L12 X

L12 XWR

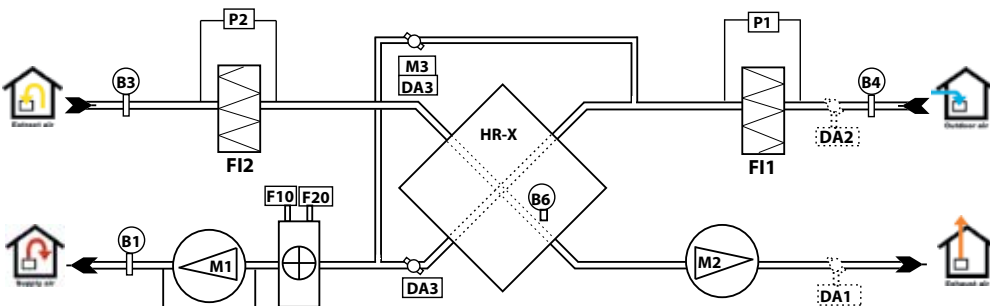
System drawing, water heating



- | | | | | | |
|------|-----------------------------------|----|--|-----|--|
| M1 | Supply air fan | P2 | Pressure guard, extract air filter | 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 filter | | | WB1 | Water heating battery |

L12 XER

System drawing, electric heating



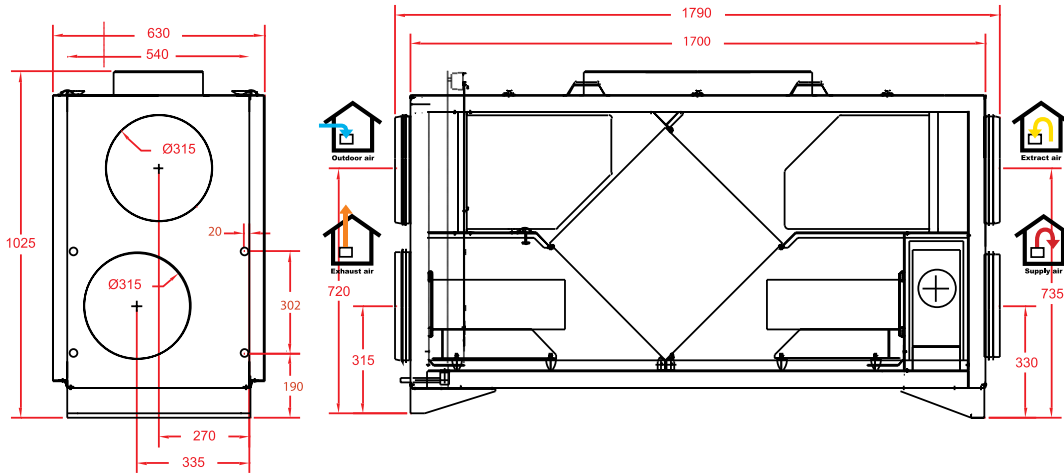
- | | | | | | |
|------|--------------------------------------|----|---|-----|--|
| M1 | Supply air fan | P1 | Pressure guard, supply air filter | B4 | Temperature sensor, outdoor air |
| M2 | Extract air fan | P2 | Pressure guard, extract air filter | DA1 | Air damper, exhaust air (not standard) |
| F11 | Supply air filter | P3 | Flow detector, supply air fan | DA2 | Air damper, outdoor air (not standard) |
| F12 | Extract air filter | B1 | Supply air temperature sensor | DA3 | Air damper, heat exchanger |
| HR-X | Cross heat exchanger | B6 | Thermoguard temperature sensor | EB1 | Electric heating battery |
| F10 | Overheating thermostat, manual reset | B3 | Extract air temperature sensor (not standard) | | |
| F20 | Overheating thermostat | | | | |

Flexit L12 X

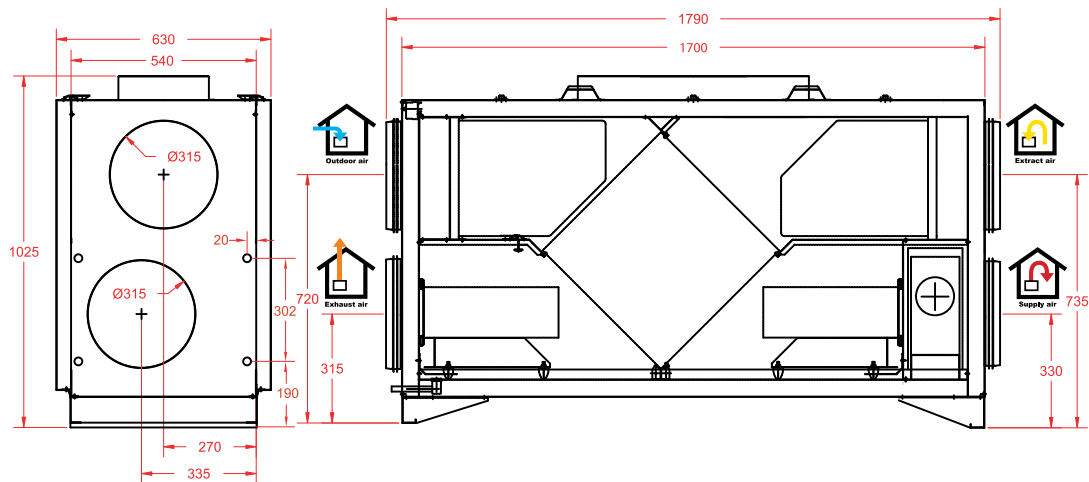
Dimensioned drawing

Dimensions in mm

L12 XW (water-based heating)



L12 XE (electric heating)

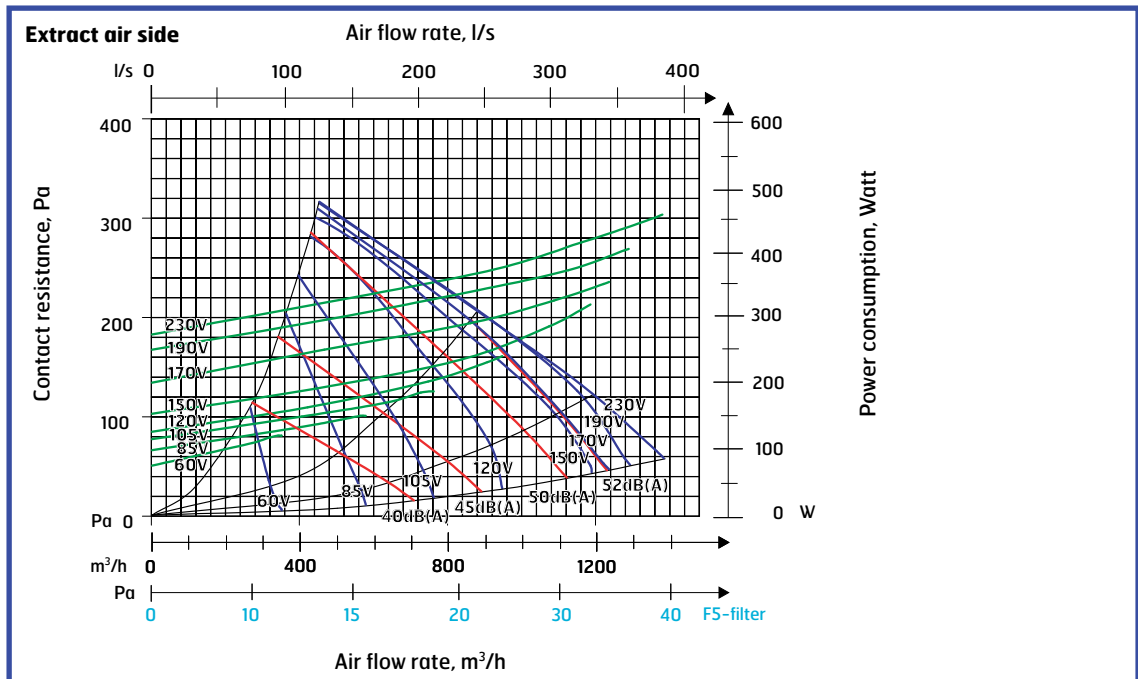
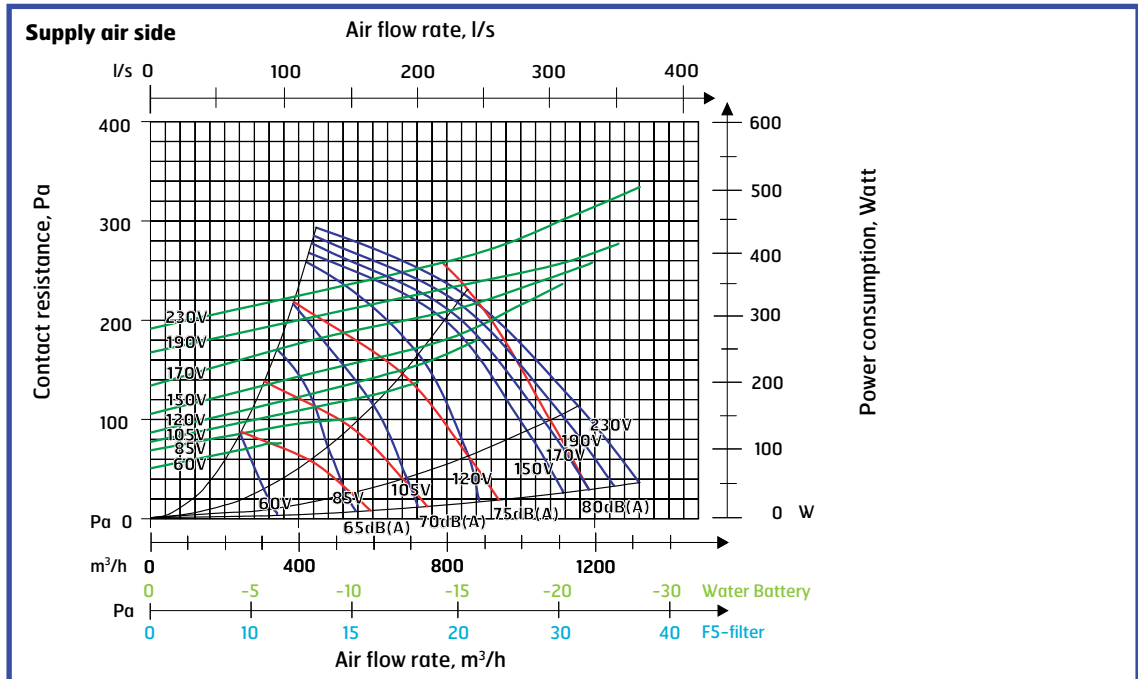


The dimensions are the same on both gable sides.

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

Flexit L12 X

Capacity Diagram L12 W/X (measured with an F7 filter)



Sound data is given at sound power level LwA in the capacity diagrams and is corrected with the table below for the various octave bands. Radiated noise produces Lw in the various octave bands and total LwA. 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 Lw									
Hz	63	125	250	500	1000	2000	4000	8000	Total LwA
Supply air	7	-1	0	-3	-3	-13	-17	-28	
Extract air	23	10	0	-9	-16	-27	-32	-38	
Radiated	-30	-24	-23	-25	-26	-30	-32	-40	-21,6

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 LwA, cf. correction table.
Light blue correction axe: Pressure increase using an EU-5 filter.
Light green correction axe: Pressure increase using water battery.