

Flexit L4 X

Art.no.	Type
14243	L4 XE
14310	L4 XW
14043	L4 XE EC
14044	L4 XW EC



CI 50 Control Panel included in all units
(with 12 m cable).

	L4 XE	L4 XE EC	L4 XW	L4 XW EC
Rated voltage:	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Fuse:	10 A	10 A	10 A	10 A
Rated current, total:	8,7 A	8,0 A	5,7 A	5,0 A
Rated power, total:	1 990 W	1 826 W	1 315 W	1 151 W
Rated power, electric battery:	1 650 W	1 650 W		
Rated power, fans:	2 x 165 W	2 X 83 W	2 x 165 W	2 X 83 W
Rated preheating power:	975 W	975 W	975 W	975 W
Fan type:	F-wheel	F-wheel	F-wheel	F-wheel
Fan motor control:	Transformer	EC-stepless	Transformer	EC-stepless
Max. fan speed:	2 230 rpm	2 900 rpm	2 230 rpm	2 900 rpm
Automatic, standard:	CS 50	CS 50	CS 50	CS 50
Filter type (SUP/EXTR):	F7/G3	F7/G3	F7/G3	F7/G3
Filter dimensions SUP (WxHxD):	257x220x50mm	257x220x50mm	257x220x50mm	257x220x50mm
Filter dimensions EXTR (WxHxD):	257x220x20mm	257x220x20mm	257x220x20mm	257x220x20mm
Weight:	36 kg	36 kg	36 kg	36 kg
Duct connection:	Ø 160 mm	Ø 160 mm	Ø 160 mm	Ø 160 mm
Height:	675 mm	675 mm	675 mm	675 mm
Width:	1 000 mm	1 000 mm	1000 mm	1000 mm
Depth:	350 mm	350 mm	350 mm	350 mm

Flexit L4 X

Accessories



Summer Cassette

Art.no.	Type
14206	L4 X



Filter Set L4 X

Art.no.	Type
12318	F7



CI 50 Control Panel

Art.no.
09380



**CI 50 Additional box
for surface mounting**

Art.no.	Type
09381	silver
09382	white



CI 500 Control Panel

Art.no.
09385



SP450 Motion Detector

Art.no.
09390



**Closing Air Damper
w/Spring Return**

Art.no.	Type
14482	Ø160



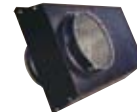
3-way Valve

Art.no.	Type
56597	KVS 1,6 3-way



**Motor 3-way Valve
230V**

Art.no.
56596

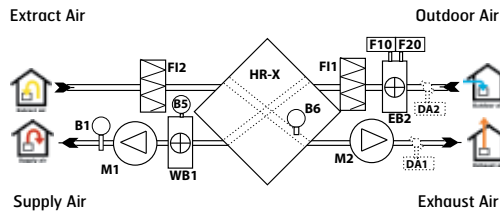


Combi. Unit

Art.no.	Type
00797	2xØ160mm, black
00798	2xØ160mm, white

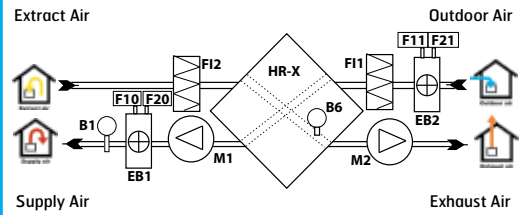
Flexit L4 X

System Drawing, water heating



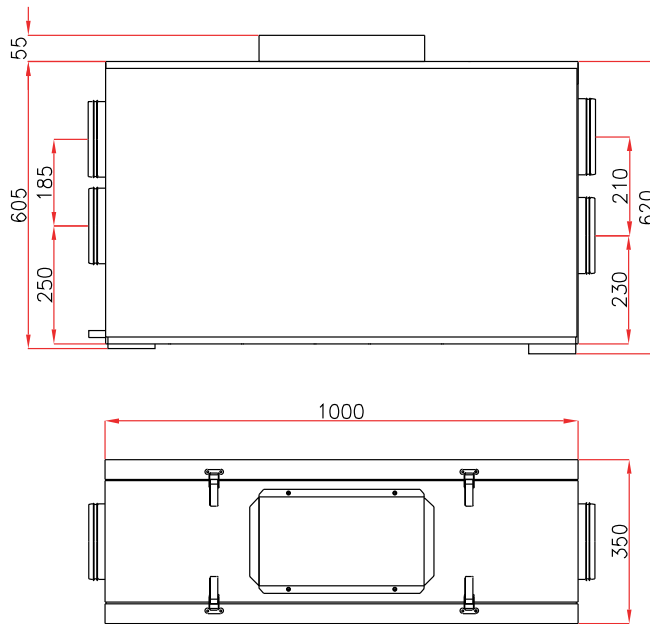
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|------|-----------------------------------|-----|--------------------------------------|
| M1 | Supply air fan | F10 | Overheating thermostat, manual reset |
| M2 | Extract air fan | F20 | Overheating thermostat |
| F12 | Extract air filter | F11 | Supply air filter |
| F11 | Supply air filter | WB1 | Water heating battery |
| DA1 | Extract air damper (not standard) | EB2 | Preheater |
| DA2 | Supply air damper (not standard) | B6 | Thermoguard |
| HR-X | Exchanger cassette | B1 | Supply air temperature sensor |
| | | B5 | Water battery temperature sensor |

System Drawing, electric heating



- | | | | |
|------|-------------------------------------|-----|-------------------------------|
| M1 | Supply air fan | F20 | Overheating thermostat |
| M2 | Extract air fan | F21 | Overheating thermostat |
| F12 | Extract air filter | EB1 | Water heating battery |
| F11 | Supply air filter | EB2 | Preheater |
| HR-X | Exchanger cassette | B6 | Thermoguard |
| F10 | Overheating thermostat manual reset | B1 | Supply air temperature sensor |
| F11 | Overheating thermostat | | |

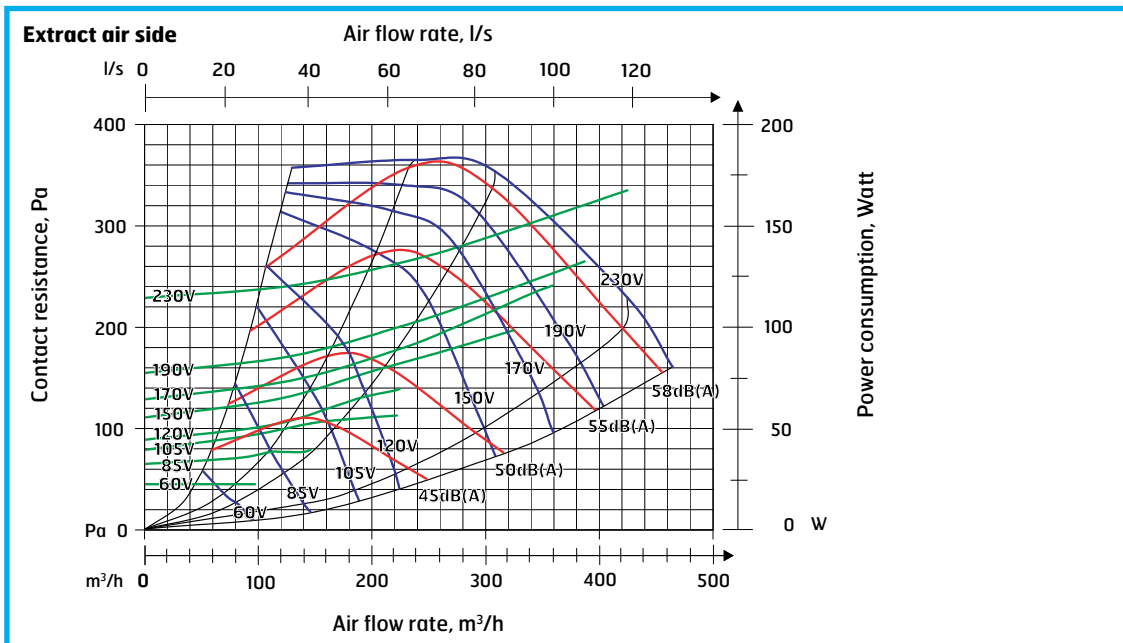
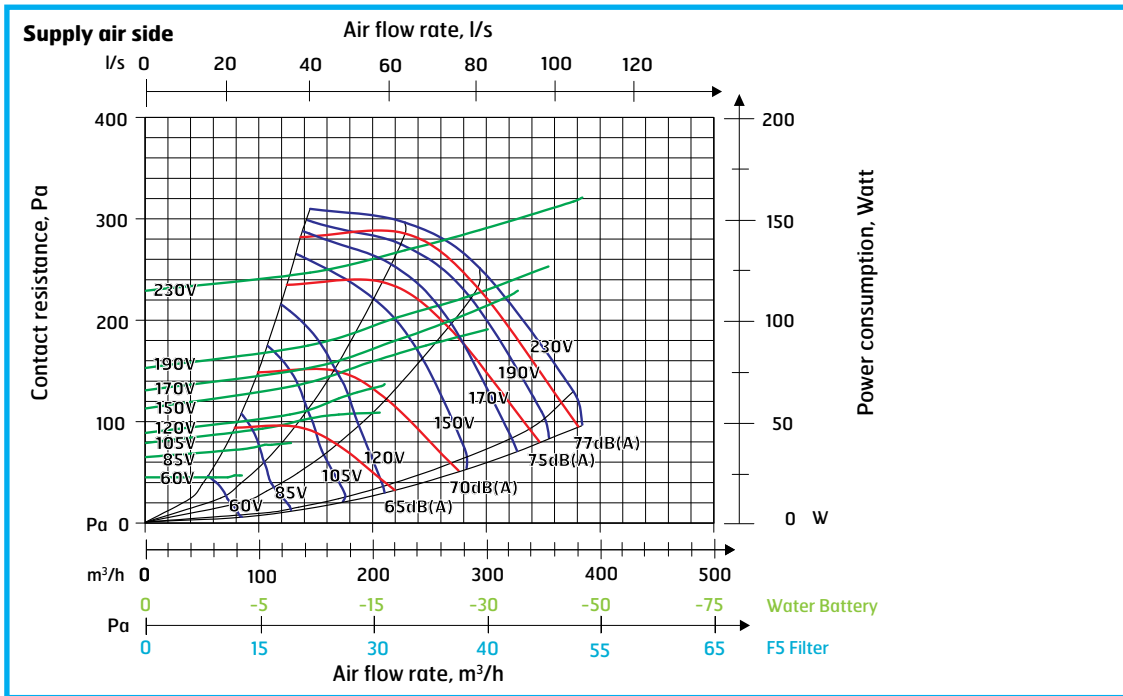
Dimensioned Drawing



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

Flexit L4 X

Capacity Diagram L4 X (measured with 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	3	2	-2	-5	-5	-6	-13	-29	
Extract air	18	14	1	-12	-14	-28	-37	-43	
Radiated	-47	-42	-40	-43	-44	-45	-49	-57	-38,7

Blue curves: Air capacity at various capacity settings in Volt.

Green curves: Supply air fan power consumption at various capacity settings.

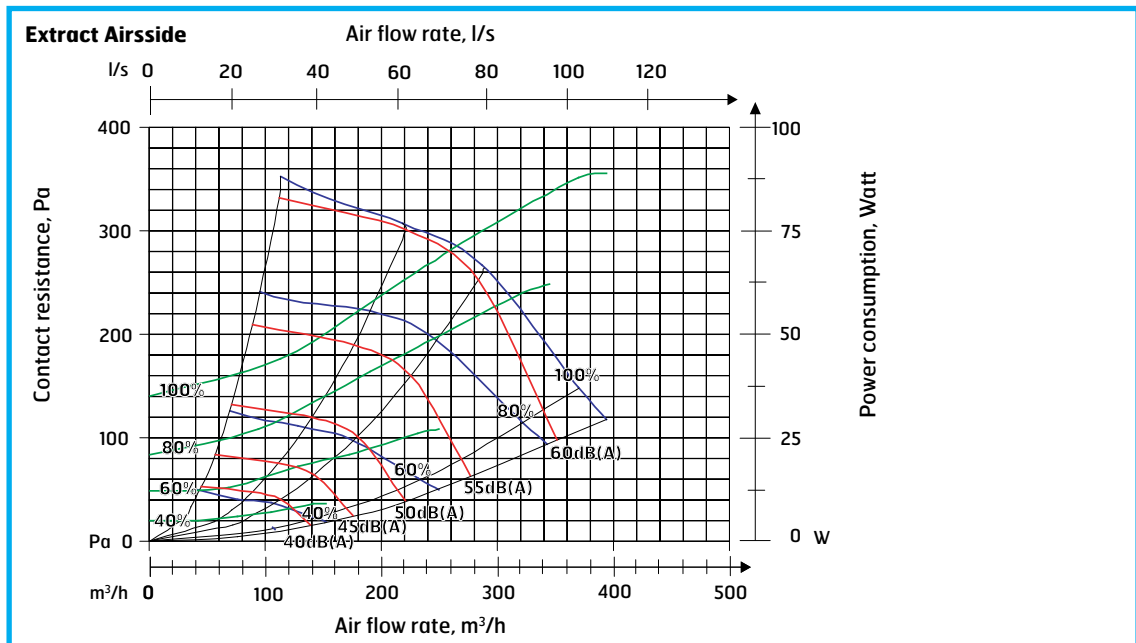
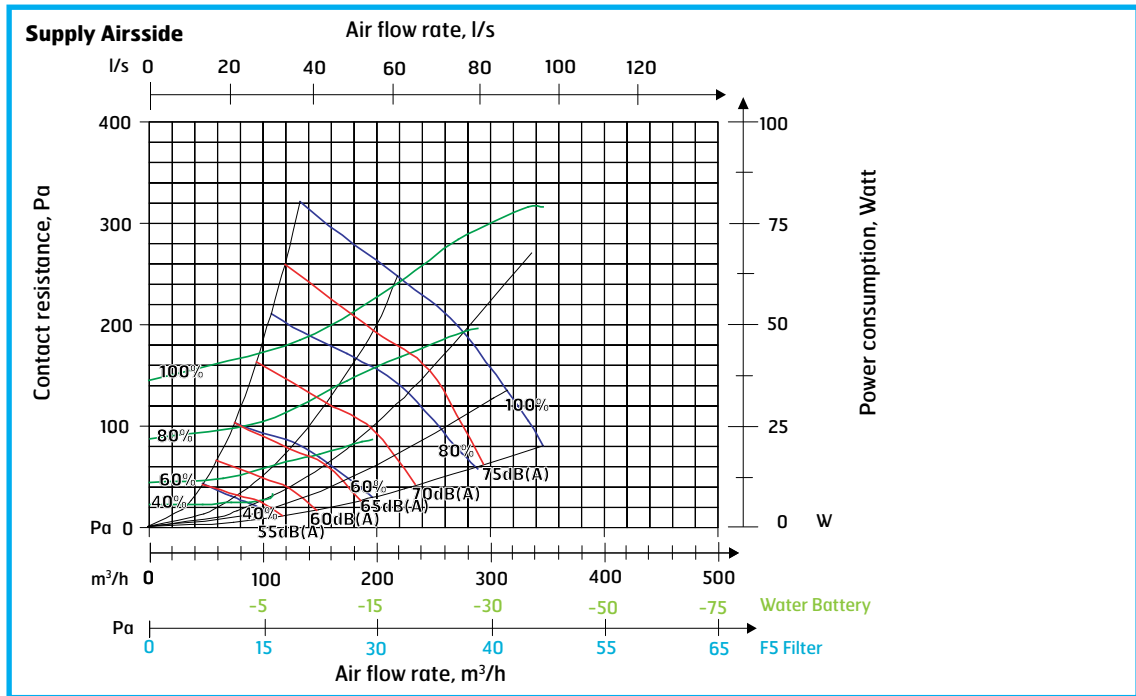
Red curves: Sound power level LwA, cf. correction table.

Light blue correction axis: Pressure increase using an EU-5 filter.

Light green correction axis: Pressure increase using water battery.

Flexit L4 X EC

Capacity Diagram L4 X EC (measured with 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 in-duct 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	9	6	-2	-3	-4	-9	-17	-31	
Extract air	-38	-33	-32	-40	-42	-43	-44	-45	
Radiated	-47	-42	-40	-43	-44	-45	-49	-57	-34,5

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 axe: Pressure increase using an EU-5 filter.
Light green correction axe: Pressure increase using water battery.