

# Flexit L7 X

Art.no.	Type
14246	L7 XE
14312	L7 XW
14248	L7 XE EC
14249	L7 XW EC



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

	L7 XE	L7 XE EC	L7 XW	L7 XW EC
Rated voltage:	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Fuse:	16 A	16 A	10 A	16 A
Rated current, total:	10,7 A	10,2 A	6,4 A	5,9 A
Rated power, total:	2 470 W	2 350 W	1 470 W	1 350 W
Rated power, electric battery:	2 000 W	2 000 W		
Rated power, fans:	2 x 230 W	2 x 170 W	2 X 230 W	2 X 170 W
Rated preheating power:	1 000 W	1 000 W	1 000 W	1 000 W
Fan type:	F-wheel	F-wheel	F-wheel	F-wheel
Fan motor control:	Transformer	EC-stepless	Transformer	EC-stepless
Max. fan speed:	2 120 rpm	2 250 rpm	2 120 rpm	2 250 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):	394x223x250mm	394x223x250mm	394x223x250mm	394x223x250mm
Filter dimensions EXTR (WxHxD):	394x223x20mm	394x223x20mm	394x223x20mm	394x223x20mm
Weight:	66 kg	66 kg	66 kg	66 kg
Duct connection:	Ø 250 mm	Ø 250 mm	Ø 250 mm	Ø 250 mm
Height:	680 mm	680 mm	680 mm	680 mm
Width:	1 170 mm	1 170 mm	1 170 mm	1 170 mm
Depth:	465 mm	465 mm	465 mm	465 mm

# Flexit L7 X

## Accessories



**Summer Cassette**

Art.no.	Type
14210	L7 X



**Filter Set L7 X**

Art.no.	Type
12313	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



**Lukkespjeld**

Art.no.	Type
14481	Ø200 w/Spring Return
14485	Ø250 w/Spring Return



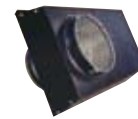
**3-way Valve**

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



**Motor 3-way Valve**

Art.no.
230V 56596

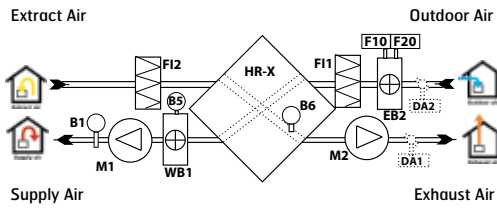


**Combi. Unit**

Art.no.	Type
00797	2xØ160mm, black
00798	2xØ160mm, white
00799	2xØ200mm, white
00800	2xØ200mm, black

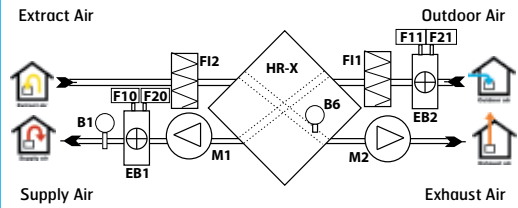
# Flexit L7 X

## System Drawing, water heating



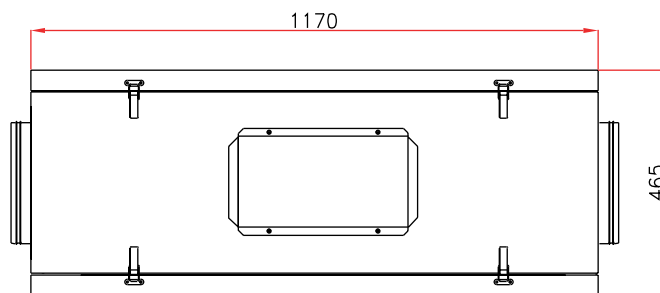
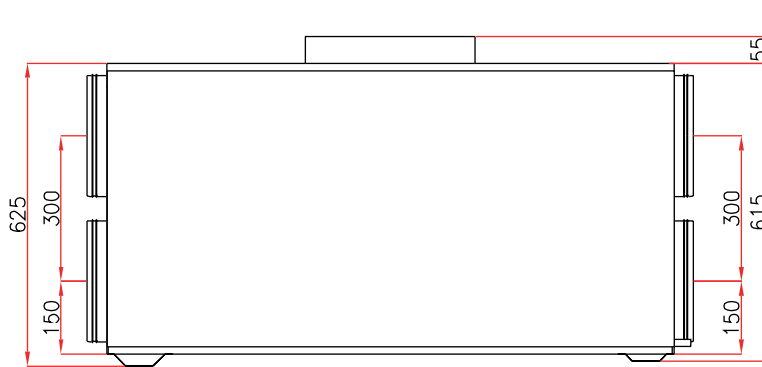
- |      |   |     |                                      |
|------|---|-----|--------------------------------------|
| M1   | Supply air fan                          | F10 | Overheating thermostat, manual reset |
| M2   | Extract air fan                         | F20 | Overheating thermostat       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

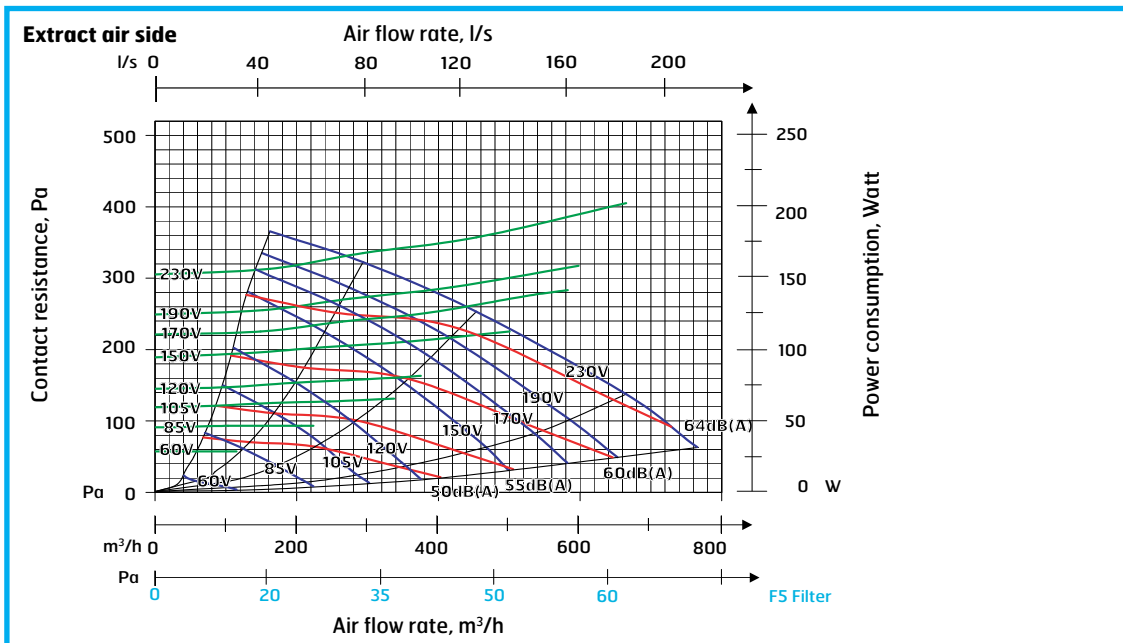
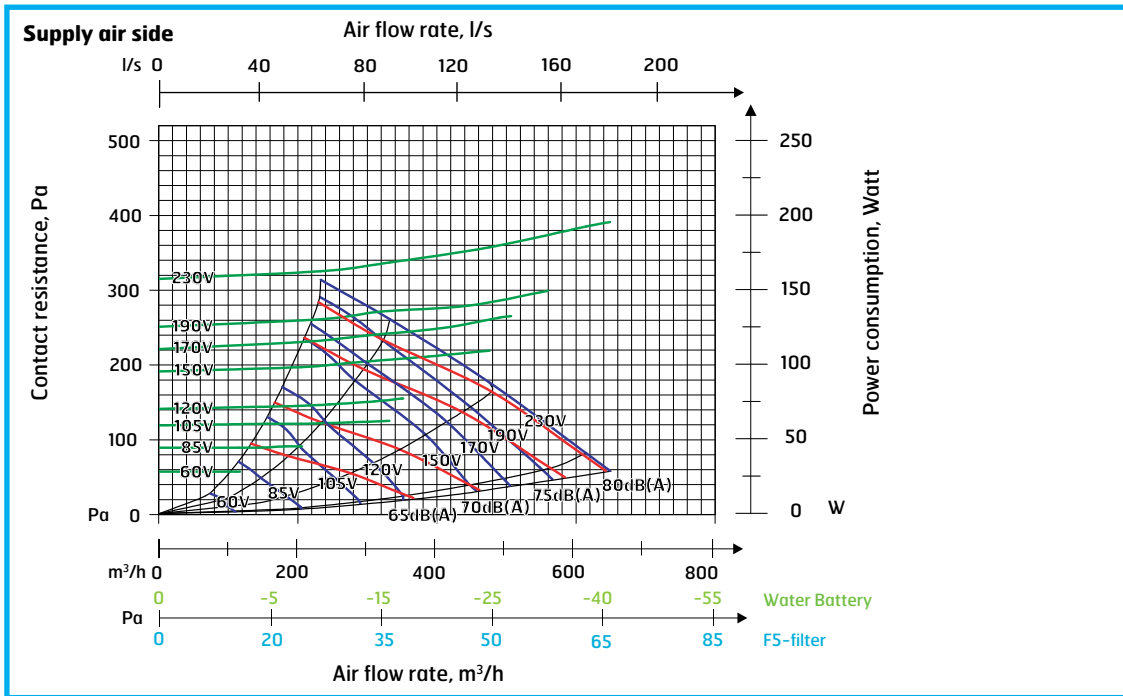
## Dimensioned Drawing



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

# Flexit L7 X

## Capacity Diagram L7 X (measured with F7 filter)



**Sound data** is given at sound power level L<sub>WA</sub> in the capacity diagrams and is corrected with the table below for the various octave bands. Radiated noise produces L<sub>w</sub> in the various octave bands and total L<sub>WA</sub>. Radiated noise is calculated by taking the noise value from the supply air table and deducting the total value from the correction factor table.

Correction factor for L <sub>w</sub>									
Hz	63	125	250	500	1000	2000	4000	8000	Total L <sub>WA</sub>
Supply air	3	1	2	-1	-7	-11	-18	-31	
Extract air	10	8	5	-2	-11	-19	-30	-48	
Radiated	-55	-43	-35	-36	-33	-31	-40	-50	<b>-27,1</b>

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.

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

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

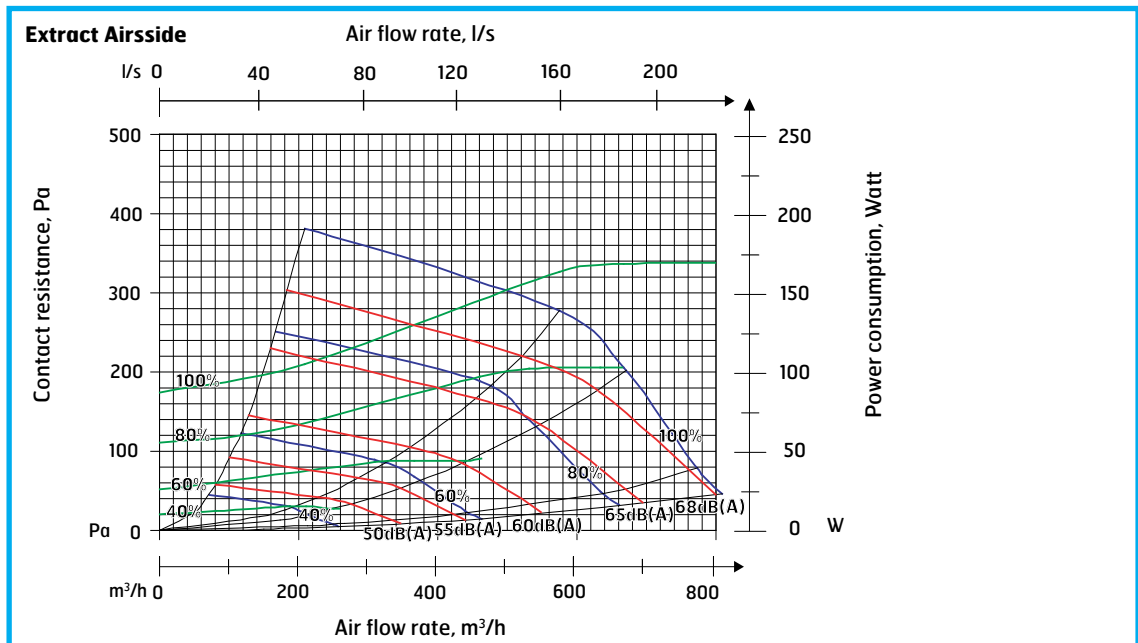
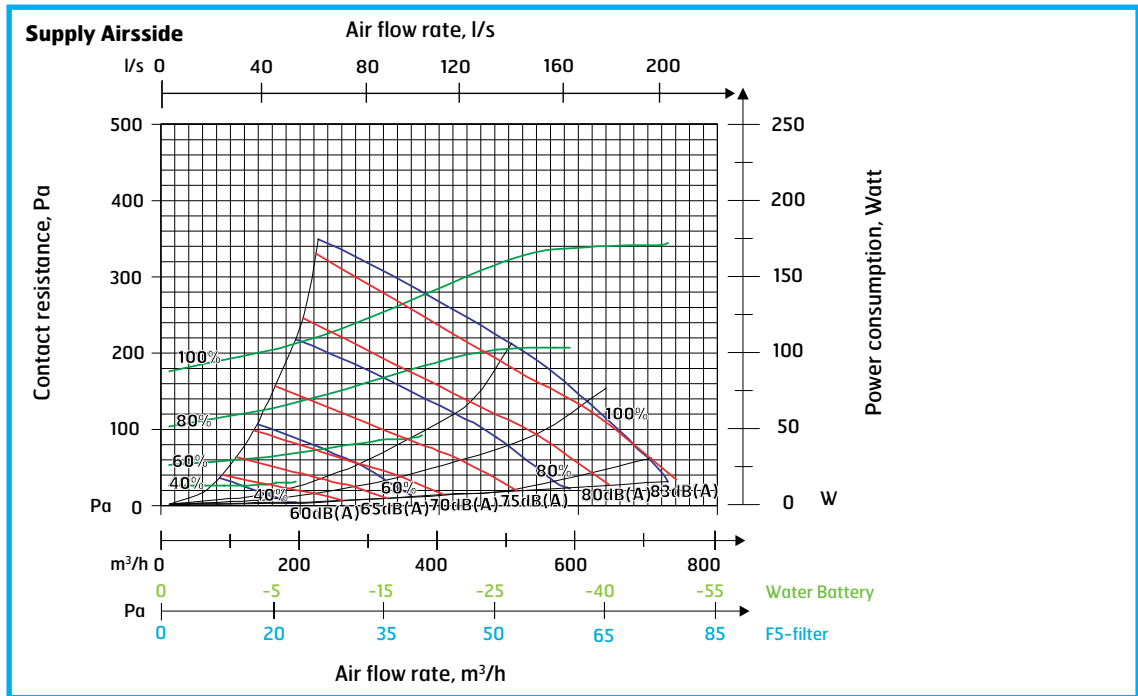
**Red curves:** Sound power level L<sub>WA</sub>, cf. correction table.

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

**Light green correction axe:** Pressure increase using water battery.

# Flexit L7 X EC

## Capacity Diagram L7 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 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	6	1	-2	-4	-5	-7	-14	-27	
Extract air	11	2	4	0	-13	-15	-28	-44	
Radiated	-36	-31	-33	-41	-42	-39	-41	-47	<b>-33,4</b>

**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.