

Flexit S4 R

Art.no.	Type
14160	S4 REL
14161	S4 RER
14162	S4 R L
14163	S4 R R
14164	S4 REL EC
14165	S4 RER EC
14166	S4 R L EC
14167	S4 R R EC

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



	S4 RE	S4 RE EC	S4 RW	S4 RW EC
Rated voltage:	230V/50Hz	230V/50Hz	230V/50Hz	230V/50Hz
Fuse:	10 A	10 A	10 A	10 A
Rated current, total:	6,8 A	6,1 A	1,6 A	0,9 A
Rated power, total:	1 581 W	1 417 W	381 W	217 W
Rated power, electric battery:	1 200 W	1 200 W		
Rated power, fans:	2 x 165 W	2 x 83 W	2 x 165 W	2 x 83 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	1 970 rpm	2 230 rpm	1 970 rpm
Automatic, standard:	CS 50	CS 50	CS 50	CS 50
Filter type (SUP/EXTR):	F7/F7	F7/F7	F7/F7	F7/F7
Filter dimensions SUP (WxHxD):	468x200x70mm	468x200x70mm	468x200x70mm	468x200x70mm
Filter dimensions EXTR (WxHxD):	468x200x70mm	468x200x70mm	468x200x70mm	468x200x70mm
Weight:	85 kg	85 kg	85 kg	85 kg
Duct connection:	Ø 200 mm	Ø 200 mm	Ø 200 mm	Ø 200 mm
Height:	900 mm	900 mm	900 mm	900 mm
Width:	900 mm	900 mm	900 mm	900 mm
Depth:	550 mm	550 mm	550 mm	550 mm

Flexit S4 R

Accessories



Filter Set
Art.no.
12327



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



3-way Valve
Art.no. Type
56604 KVS 1,0 3-way
56597 KVS 1,6 3-way



Motor 3-way Valve
230V
Art.no.
56596



Water Coil
Art.no. Type
14466 Ø160



SP450 Motion Detector
Art.no.
09390



Closing Air Damper
w/Spring Return
Art.no. Type
14482 Ø160

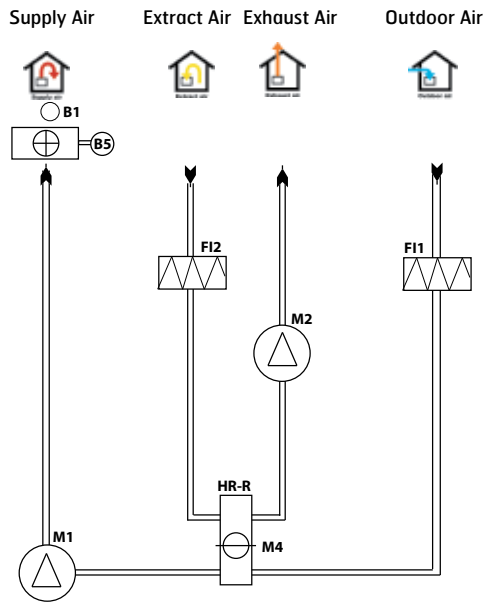


Combi. Unit
Art.no. Type
00797 2xØ160mm, black
00798 2xØ160mm, white

Flexit S4 R

System Drawing, water heating

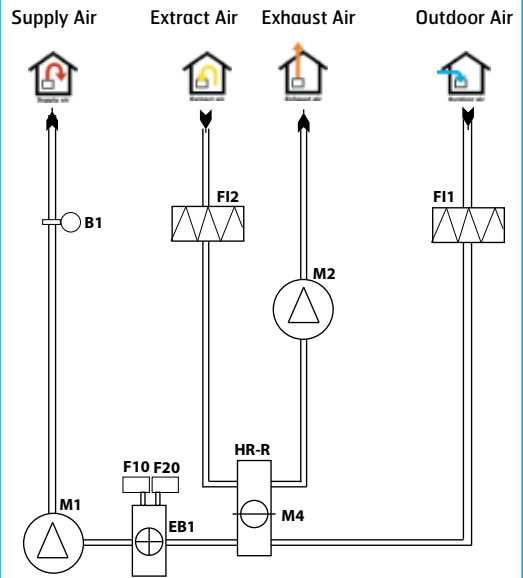
(right model)



- | | | | |
|------|-------------------------------|----|--------------------|
| F12 | Extract air filter | B5 | Temperature sensor |
| F1 | Supply air filter | M1 | Supply air fan |
| HR-R | Rotating heat exchanger | M2 | Extract air fan |
| B1 | Supply air temperature sensor | M4 | Rotor motor |

System Drawing, electric heating

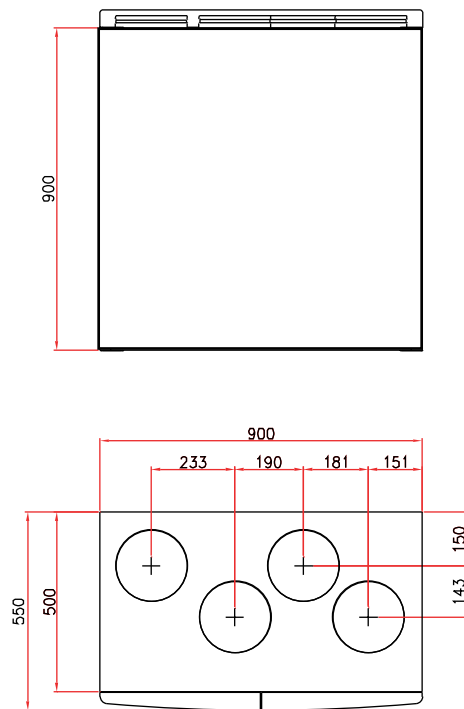
(right model)



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|------|-------------------------------|-----|--------------------------------------|
| F12 | Extract air filter | F10 | Overheating thermostat, manual reset |
| F1 | Supply air filter | F20 | Overheating thermostat |
| HR-R | Rotating heat exchanger | M1 | Supply air fan |
| B1 | Supply air temperature sensor | M2 | Extract air fan |
| EB1 | Water heating battery | M4 | Rotor motor |

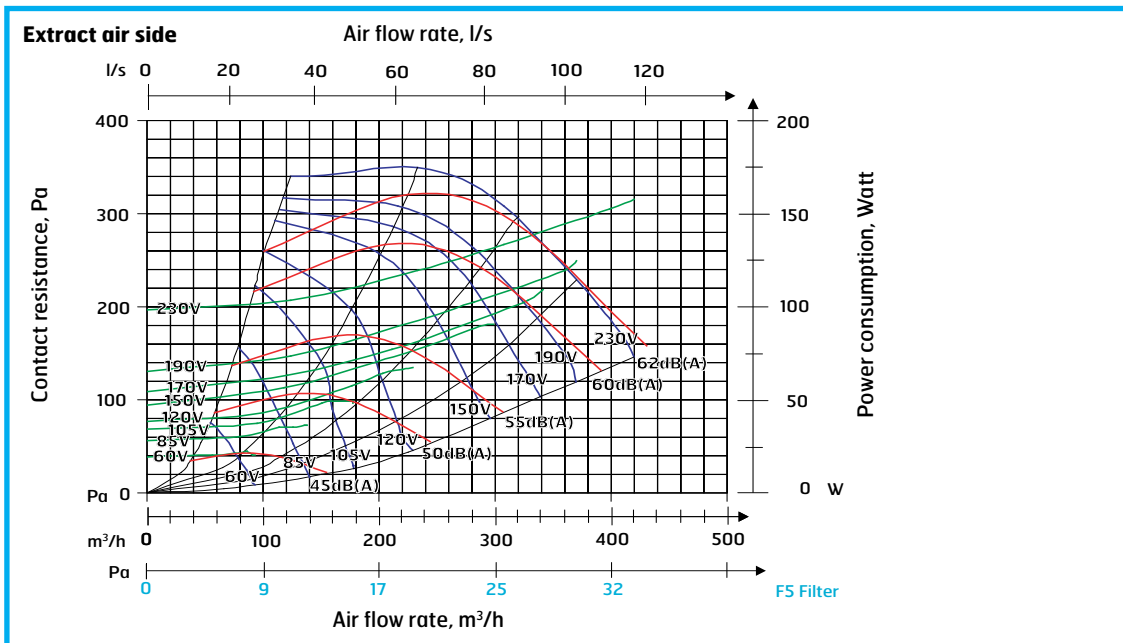
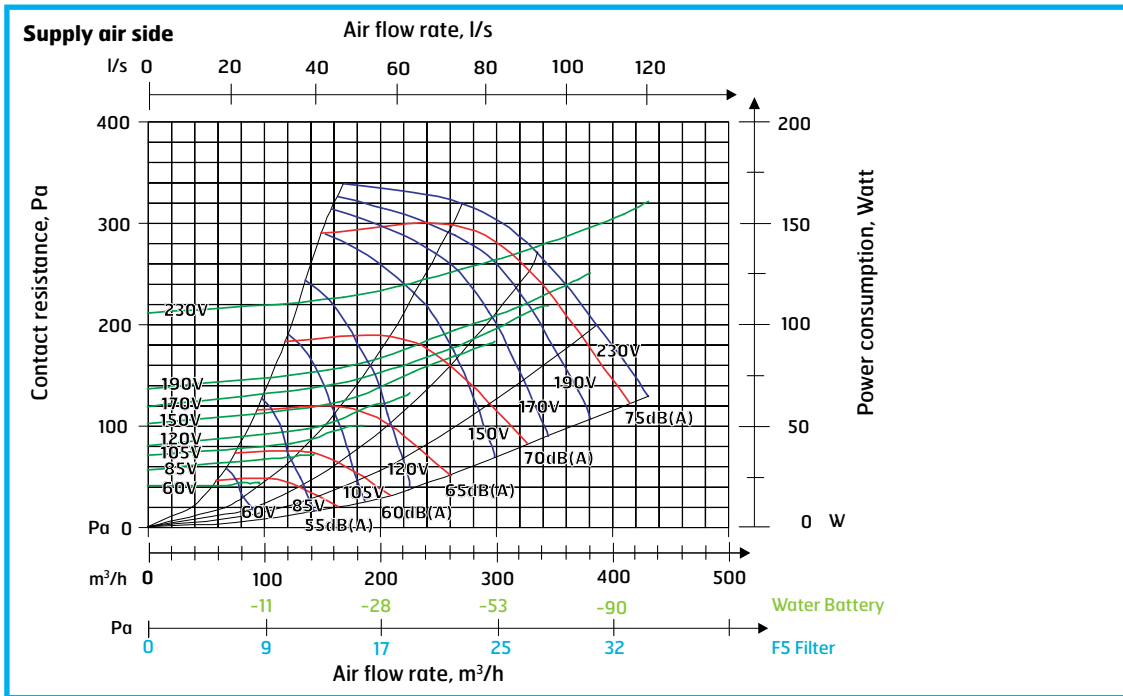
Dimensioned Drawing (left model)

Dimensions in mm



Flexit S4 R

Capacity Diagram S4 R (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.

Correction factor for L _w									
Hz	63	125	250	500	1000	2000	4000	8000	Total L _{WA}
Supply air	7	3	-1	-3	-6	-7	-17	-30	
Extract air	8	9	5	-2	-11	-21	-29	-48	
Radiated	-43	-31	-33	-34	-38	-38	-39	-44	-30,6

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.

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

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

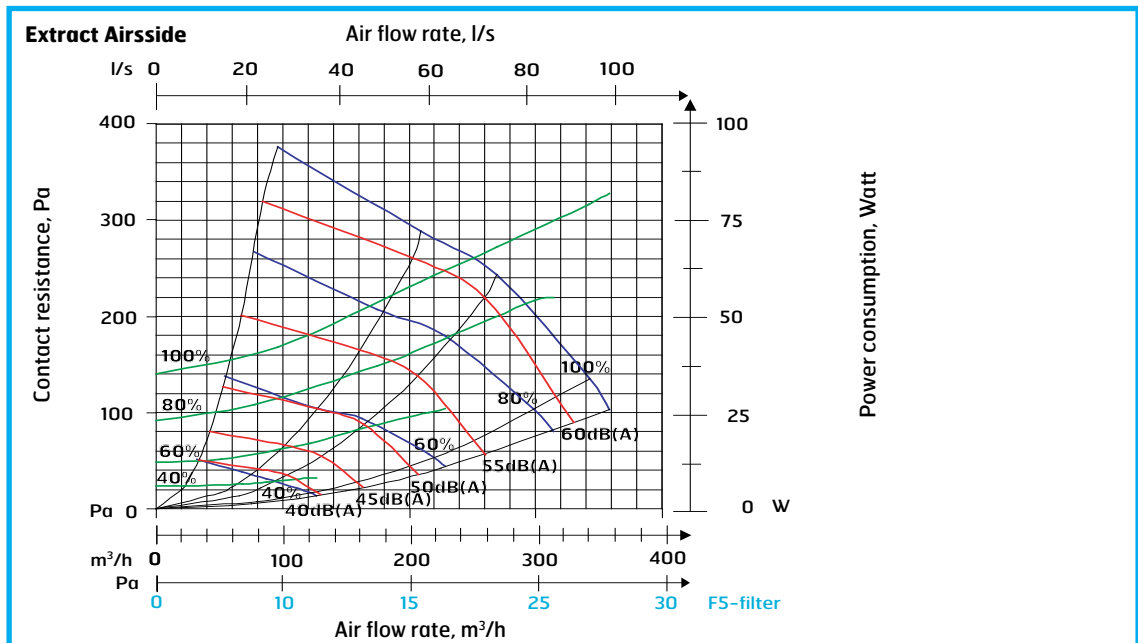
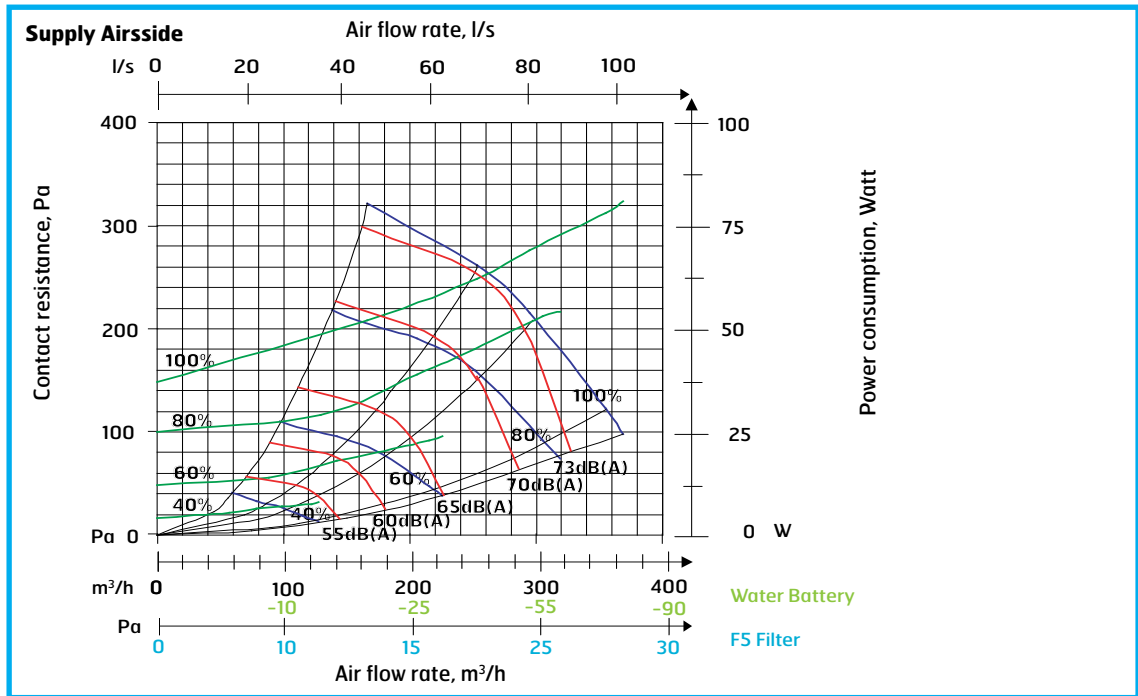
Red curves: Sound power level L_{WA}, cf. correction table.

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

Light green correction axis: Pressure increase using water battery.

Flexit S4 R EC

Capacity Diagram S4 R 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	10	4	-3	-4	-3	-10	-20	-34	
Extract air	11	11	4	-4	-8	-23	-32	-48	
Radiated	-43	-31	-33	-34	-38	-38	-39	-44	-30,6

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