

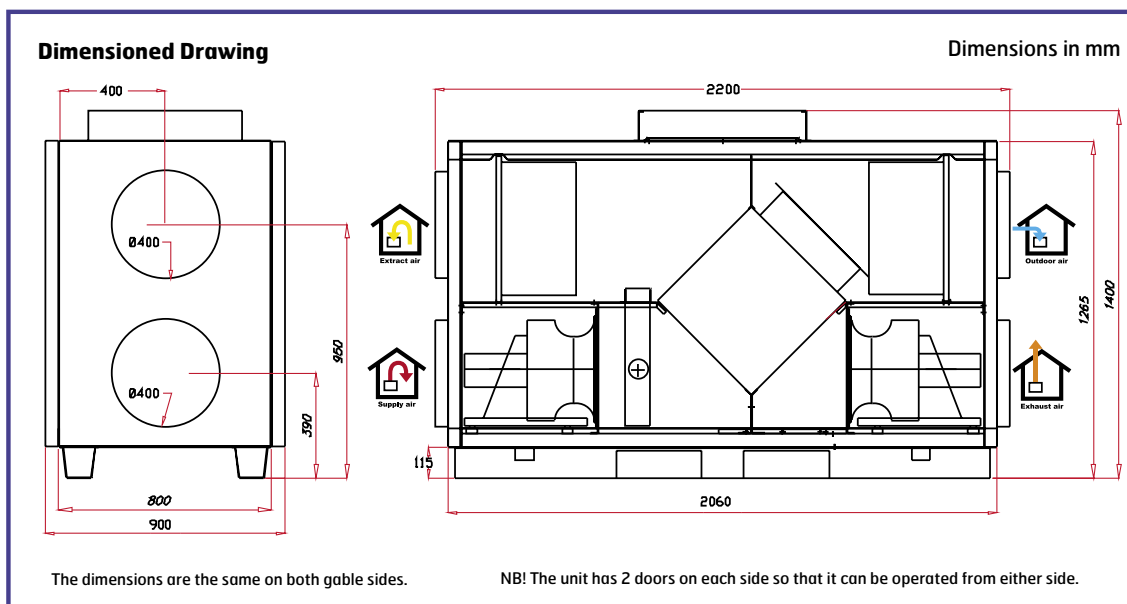
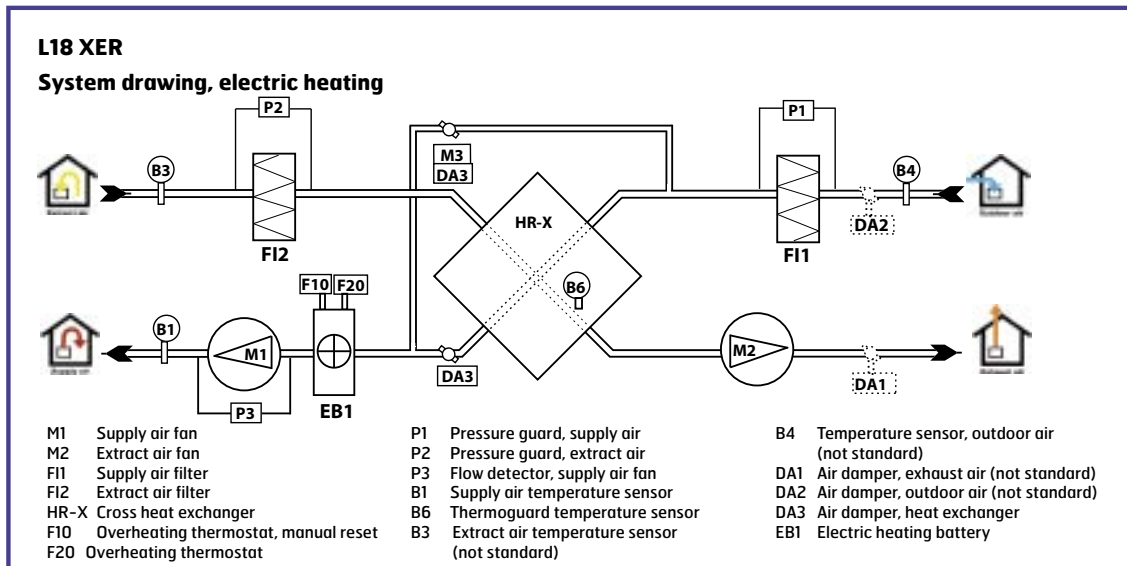
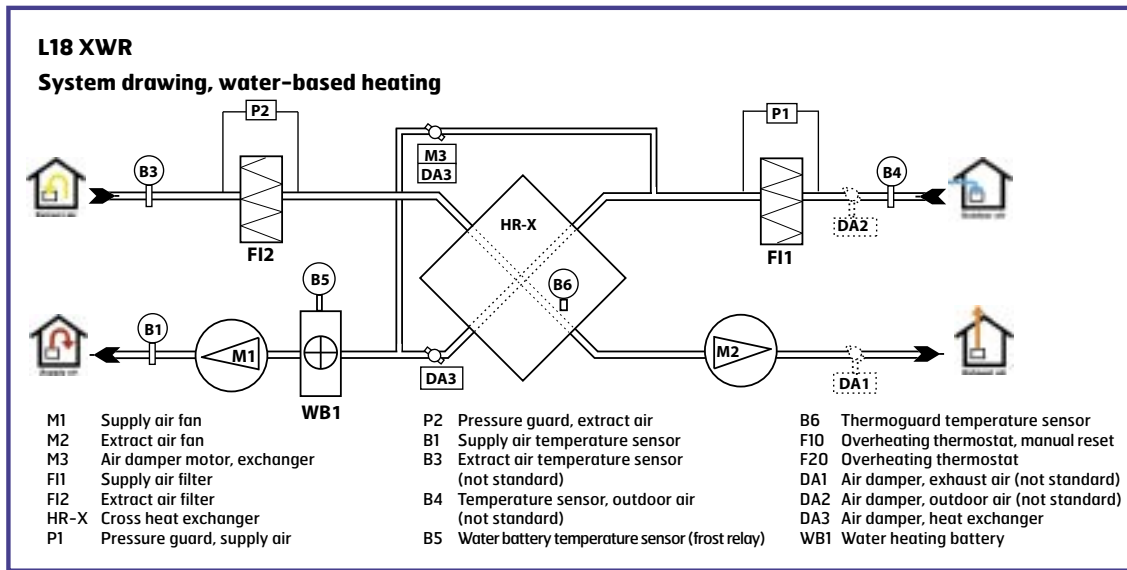
Flexit L18 X



	W	E
Rated voltage:	230 V	400 V
Fuse:	1x10 A	3x20 A
Rated current, total:	8 A	19 A
Rated power, total:	1800 W	12300 W
Rated power, electric battery:		10500 W
Rated power, fans:	2x550 W	2x550 W
Rated preheating power:		
Fan type:	F-wheel	F-wheel
Fan motor control:	Transformer	Transformer
Max. fan speed:	1220 RPM	1220 RPM
Filter type (SUP/EXTR):	F 7	F 7
Filter dimensions (W x H x D):	813x548x300 mm	813x548x300 mm
Number of bags:	14	14
Weight:	320 kg	320 kg
Duct connection:	Ø400 mm	Ø400 mm
Height:	1400 mm	1400 mm
Width:	2060 mm	2060 mm
Depth:	900 mm	900 mm

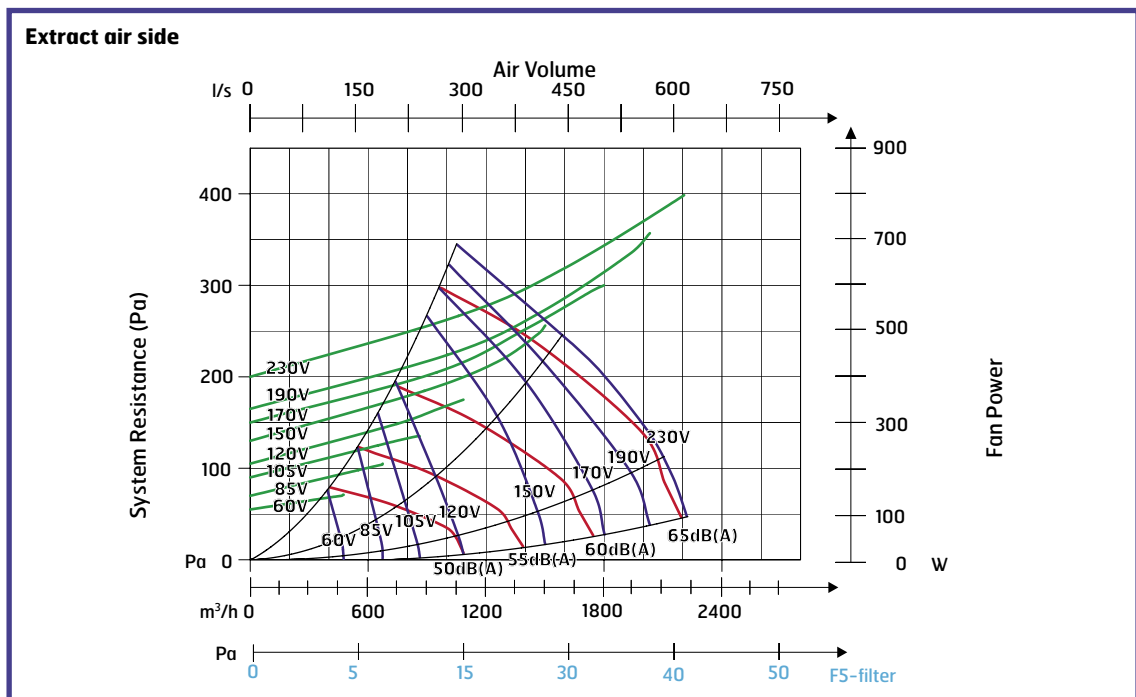
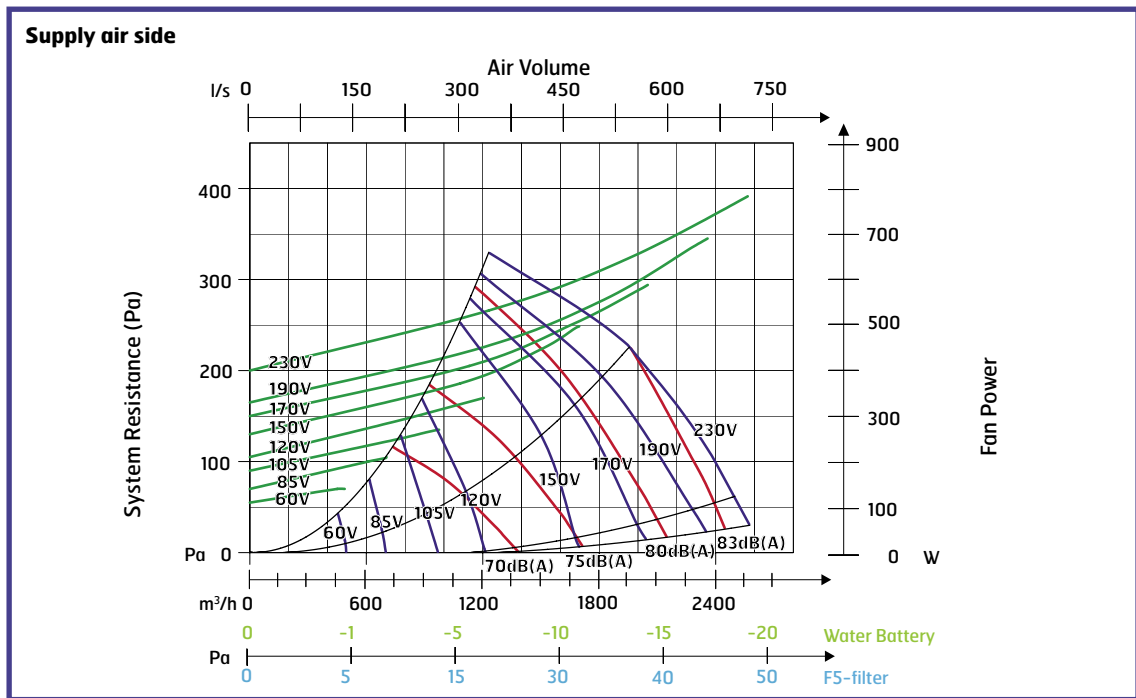
See the separate automatic control brochure.

Flexit L18 X



Flexit L18 X

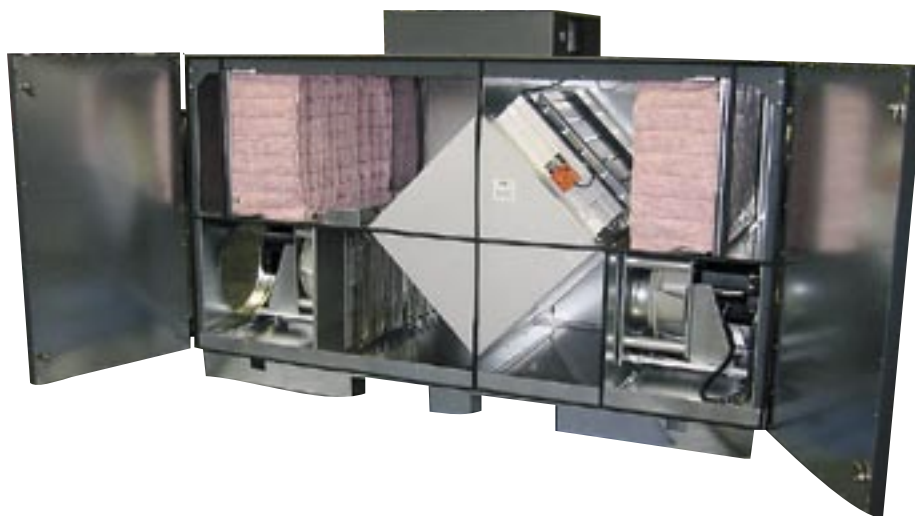
Capacity Diagram L18 W/X (measured with an F7 filter)



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} . This is read directly from the supply air table.

Correction factor for L_{wA}									
Hz	63	125	250	500	1000	2000	4000	8000	L_{wA}
Supply air	6	0	-3	-2	-4	-11	-16	-24	
Extract air	15	2	-5	-2	-4	-21	-51	-55	
Radiated	-40	-40	-33	-31	-28	-29	-33	-44	-23,7

Flexit L20 X



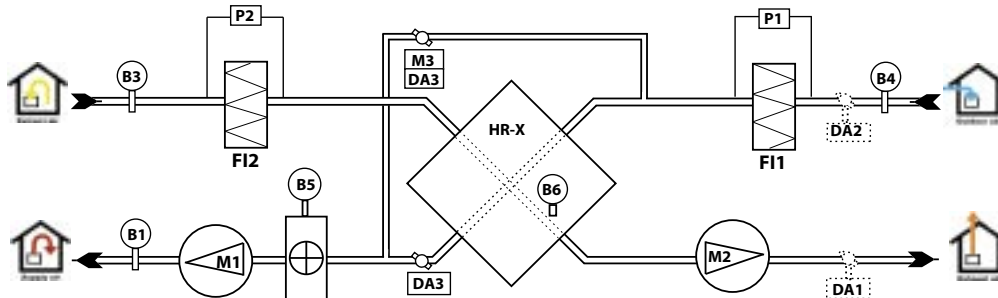
	W	E
Rated voltage:	230 V	400 V
Fuse:	1x16 A	3x32 A
Rated current, total:	7.5 A	26 A
Rated power, total:	1400 W	16400 W
Rated power, electric battery:		15000 W
Rated power, fans:	2x750 W	2x750 W
Rated preheating power:		
Fan type:	B-wheel	B-wheel
Fan motor control:	Frequency converter	Frequency converter
Max. fan speed:	3000 RPM	3000 RPM
Filter type (SUP/EXTR):	F 7	F 7
Filter dimensions (W x H x D):	813x548x300 mm	813x548x300 mm
Number of bags:	14	14
Weight:	320 kg	320 kg
Duct connection:	Ø400 mm	Ø400 mm
Height:	1400 mm	1400 mm
Width:	2060 mm	2060 mm
Depth:	900 mm	900 mm

See the separate automatic control brochure.

Flexit L20 X

L20 XWR

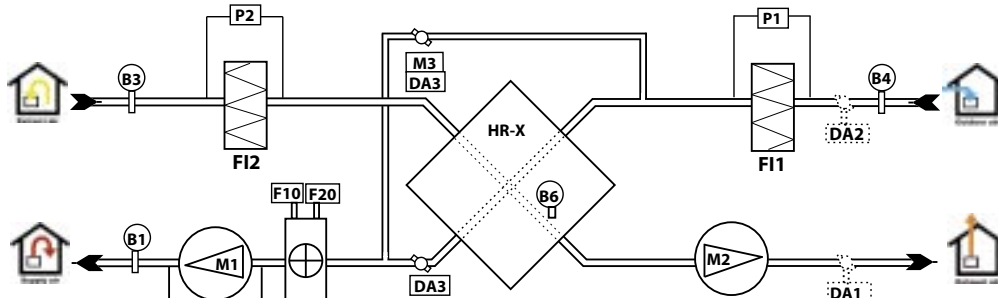
System drawing, water heating



- | | | | | | |
|------|-----------------------------|----|--|-----|--|
| 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

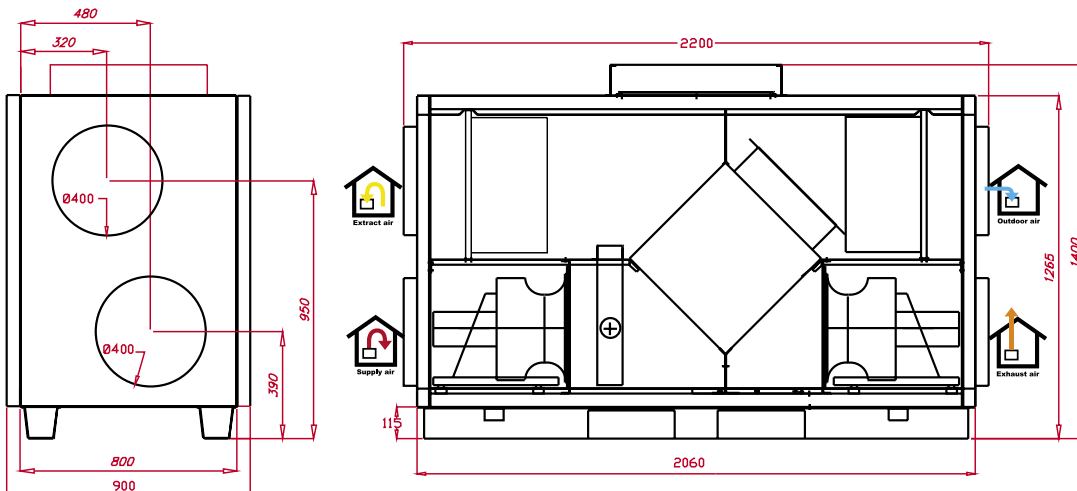
System drawing, electric heating



- | | | | | | |
|------|--------------------------------------|-----|------------------------------------|-----|---|
| 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 | | |

Dimensioned Drawing

Dimensions in mm

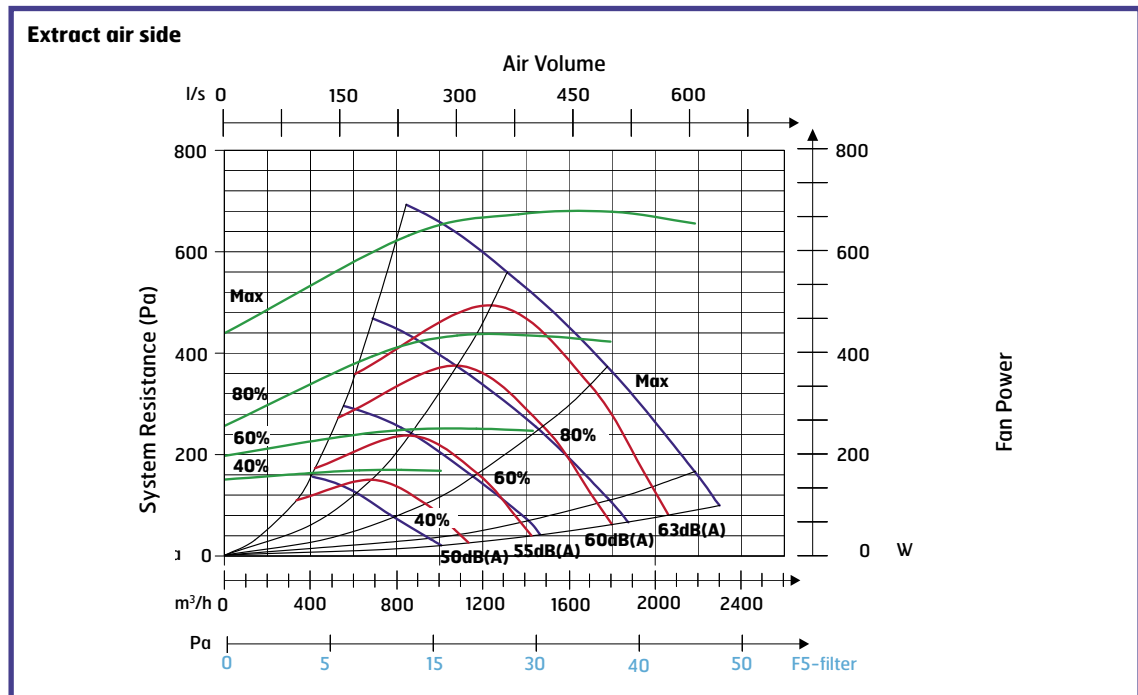
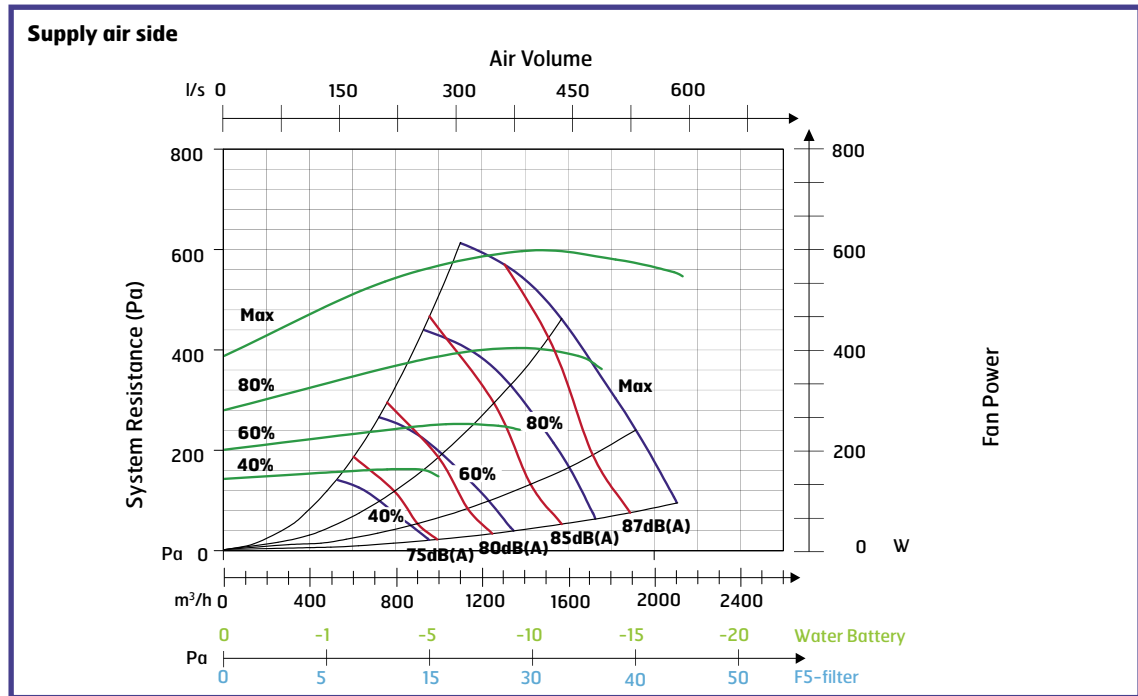


The dimensions are the same on both gable sides.

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

Flexit L20 X

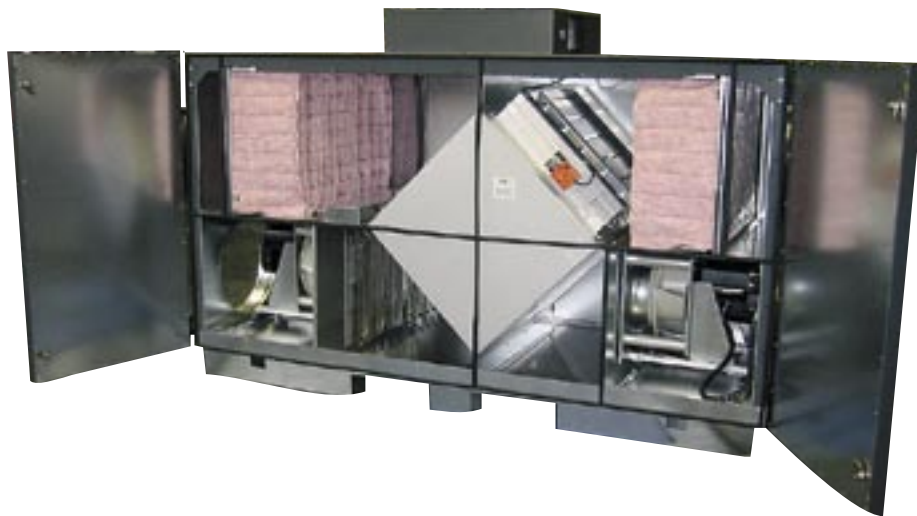
Capacity Diagram L20 W/E (measured with an F7 filter)



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} . This is read directly from the supply air table.

Correction factor for L_{wA}									
Hz	63	125	250	500	1000	2000	4000	8000	L_{wA}
Supply air	-4	-14	-2	-1	-6	-9	-16	-30	
Extract air	15	6	-4	-1	-16	-28	-33	-40	
Radiated	-40	-40	-33	-31	-28	-29	-33	-49	-23,6

Flexit L30 X



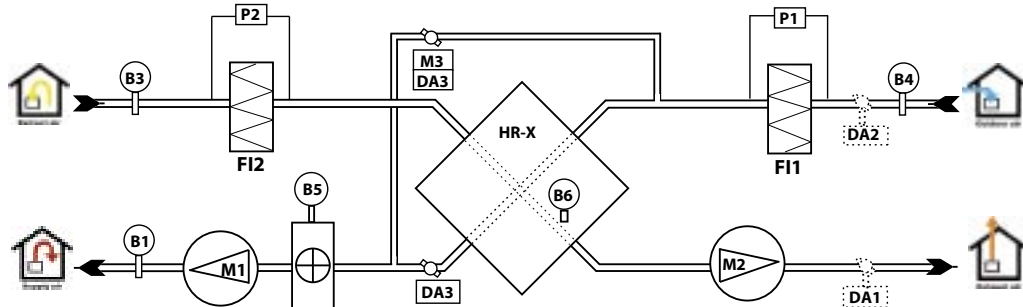
	W	E
Rated voltage:	230 V	400 V
Fuse:	2x16 A	3x40 A
Rated current, total:	12 A	37 A
Rated power, total:	2500 W	23500 W
Rated power, electric battery:		21000 W
Rated power, fans:	2x1100 W	2x1100 W
Rated preheating power:		
Fan type:	B-wheel	B-wheel
Fan motor control:	Frequency converter	Frequency converter
Max. fan speed:	3000 RPM	3000 RPM
Filter type (SUP/EXTR):	F 7	F 7
Filter dimensions (W x H x D):	813x548x300 mm	813x548x300 mm
Number of bags:	14	14
Weight:	360 kg	360 kg
Duct connection:	Ø400 mm	Ø400 mm
Height:	1400 mm	1400 mm
Width:	2200 mm	2200 mm
Depth:	900 mm	900 mm

See the separate automatic control brochure.

Flexit L30 X

L30 XWR

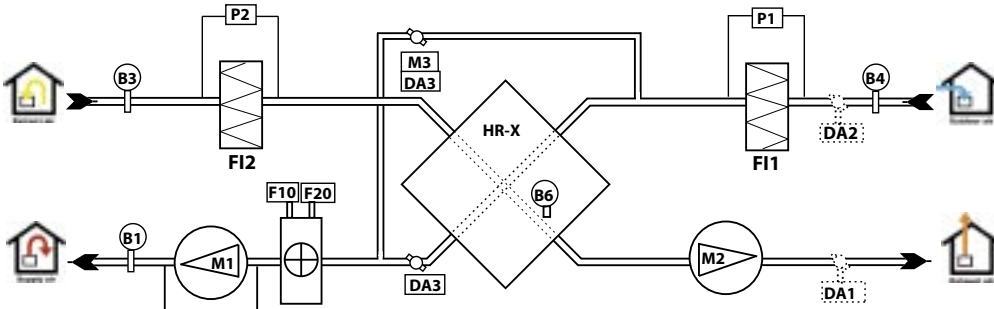
System drawing, water-based heating



- | | | | | | |
|------|-----------------------------------|----|--|-----|--|
| 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 |
| F1 | Supply air filter | B4 | Temperature sensor, outdoor air (not standard) | DA1 | Air damper, exhaust air (not standard) |
| F2 | 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 |

L30 XER

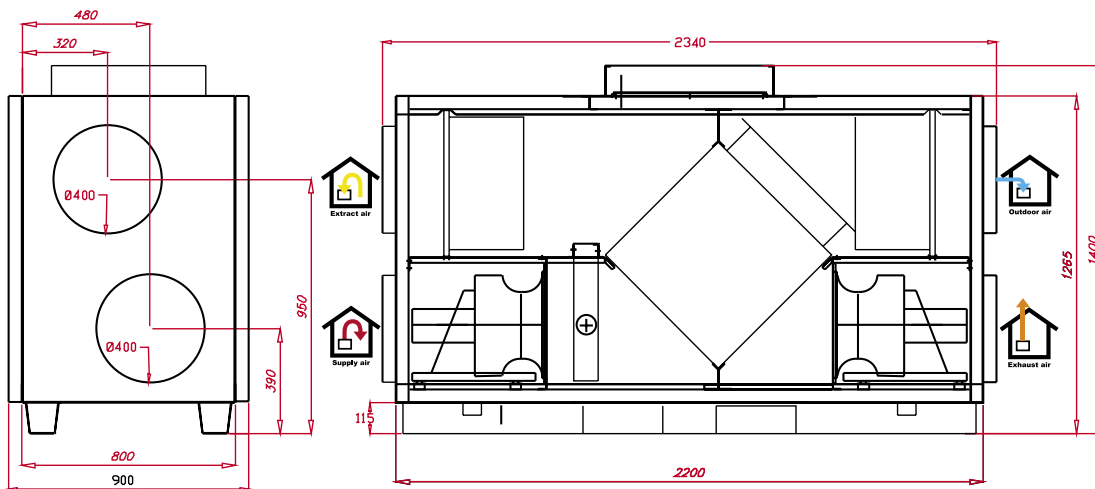
System drawing, electric heating



- | | | | | | |
|------|--------------------------------------|----|---|-----|--|
| M1 | Supply air fan | P1 | Pressure guard, supply air filter | B4 | Temperature sensor, outdoor air (not standard) |
| M2 | Extract air fan | P2 | Pressure guard, extract air filter | B6 | Thermoguard temperature sensor |
| F1 | Supply air filter | P3 | Flow detector, supply air fan | DA1 | Air damper, exhaust air (not standard) |
| F2 | Extract air filter | B1 | Supply air temperature sensor | DA2 | Air damper, outdoor air (not standard) |
| HR-X | Cross heat exchanger | B3 | Extract air temperature sensor (not standard) | DA3 | Air damper, heat exchanger |
| F10 | Overheating thermostat, manual reset | | | EB1 | Electric heating battery |
| F20 | Overheating thermostat | | | | |

Dimensioned Drawing

Dimensions in mm

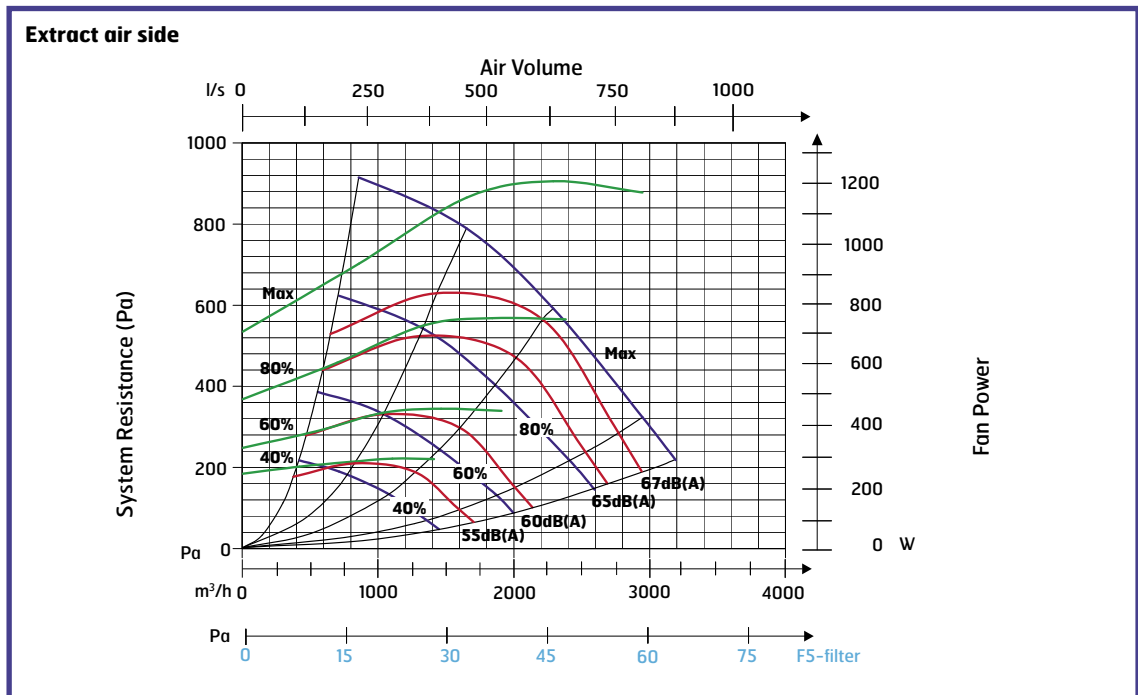
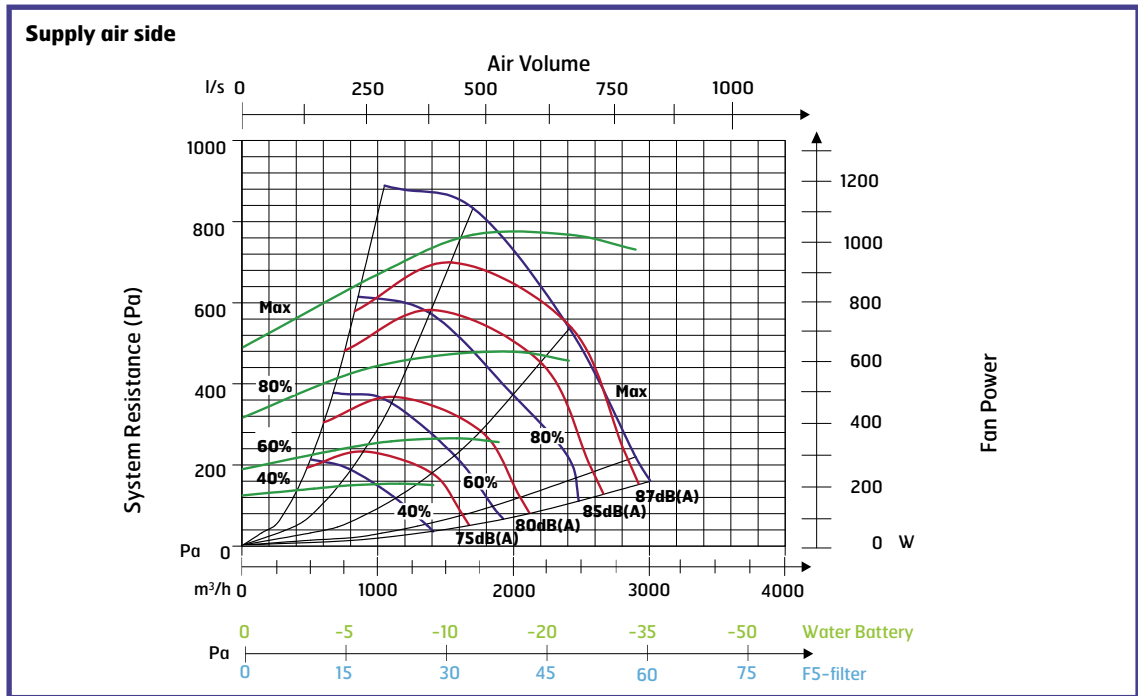


The dimensions are the same on both gable sides.

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

Flexit L30 X

Capacity Diagram L30 X 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} . This is read directly from the supply air table.

Correction factor for L_{wA}									
Hz	63	125	250	500	1000	2000	4000	8000	L_{wA}
Supply air	4	-6	-2	-1	-4	-14	-22	-34	
Extract air	18	4	-5	1	-19	-29	-36	-44	
Radiated	-28	-34	-30	-26	-26	-28	-34	-47	-21,7

Flexit L50 X



NB! 3 supply cables are required with an electric battery.

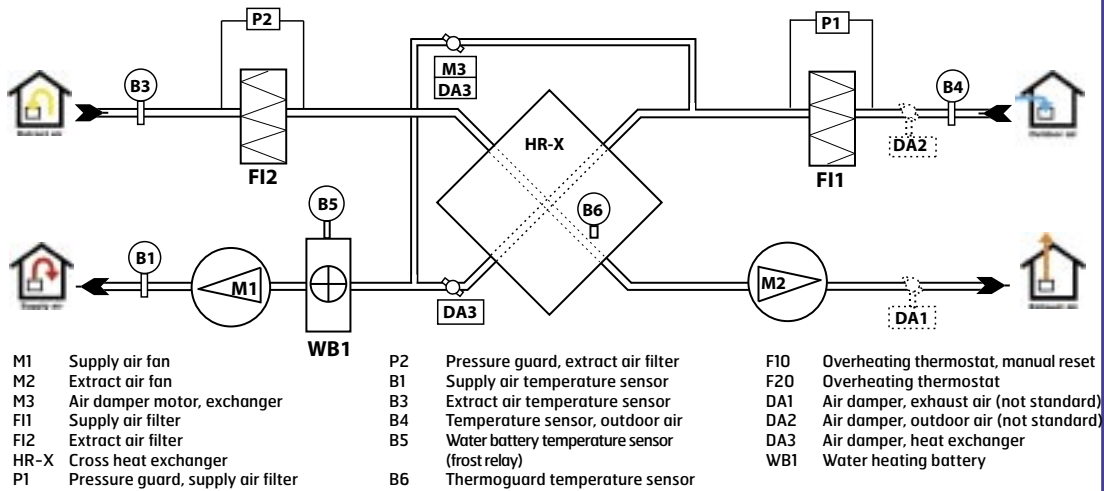
	W	E
Rated voltage:	400 V	400 V
Fuse, operation:	3x20 A	3x20 A
Fuse, electrical group 1:		3x32 A
Fuse, electrical group 2:		3x32 A
Rated current, operation:	16 A	16 A
Rated current, electrical group 1:		25 A
Rated current, electrical group 2:		25 A
Rated power, total:	6200 W	40200 W
Rated power, electric battery:		34000 W
Rated power, fans:	2x2200 W	2x2200 W
Rated preheating power:		
Fan type:	B-wheel	B-wheel
Fan motor control:	Frequency converter	Frequency converter
Max. fan speed:	3000 RPM	3000 RPM
Filter type (SUP/EXTR):	F7	F7
Filter dimensions (WxHxD,mm):	592x490x550 x2	592x490x550 x2
Number of bags:	8	8
Weight:	510 kg	510 kg
Duct connection:	400x900 mm	400x900 mm
Height:	1435 mm	1435 mm
Width:	2800 mm	2800 mm
Depth:	1300 mm	1300 mm

See the separate automatic control brochure.

Flexit L50 X

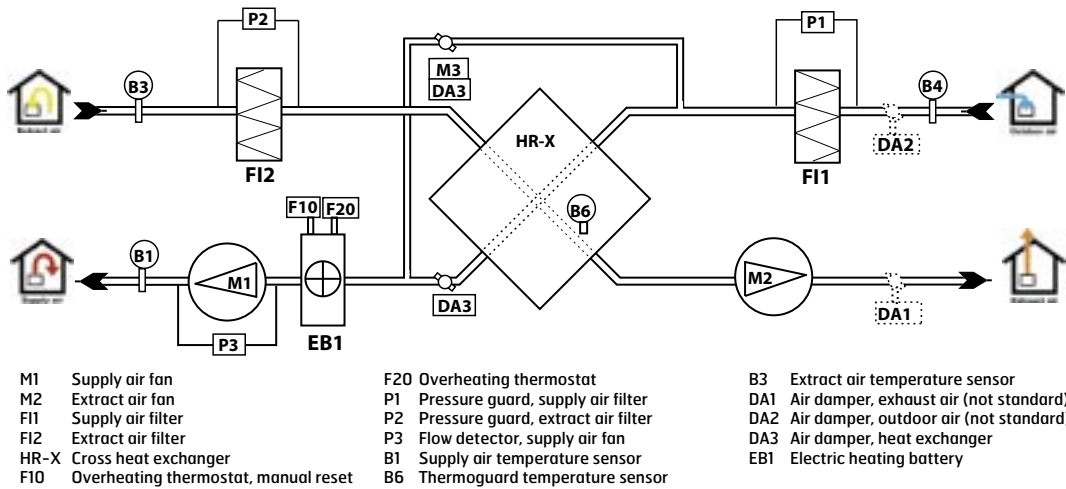
L50 XWR

System drawing, water-based heating



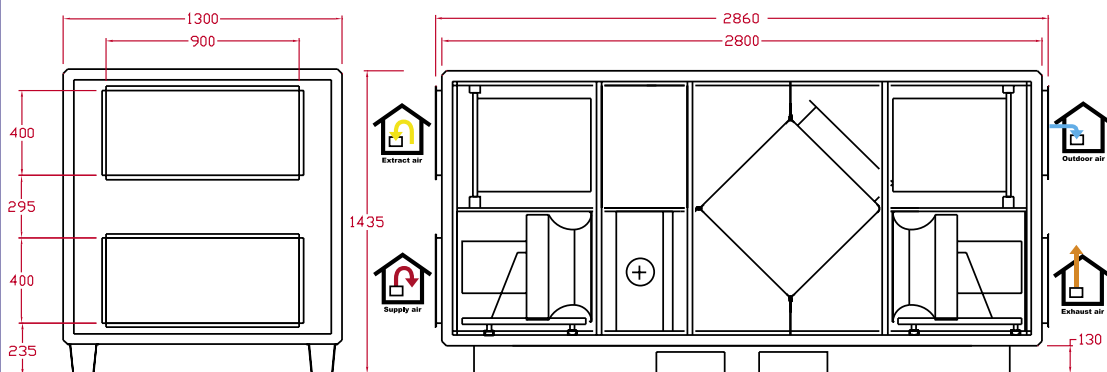
L50 XER

System drawing, electric heating



Dimensioned Drawing

Dimensions in mm

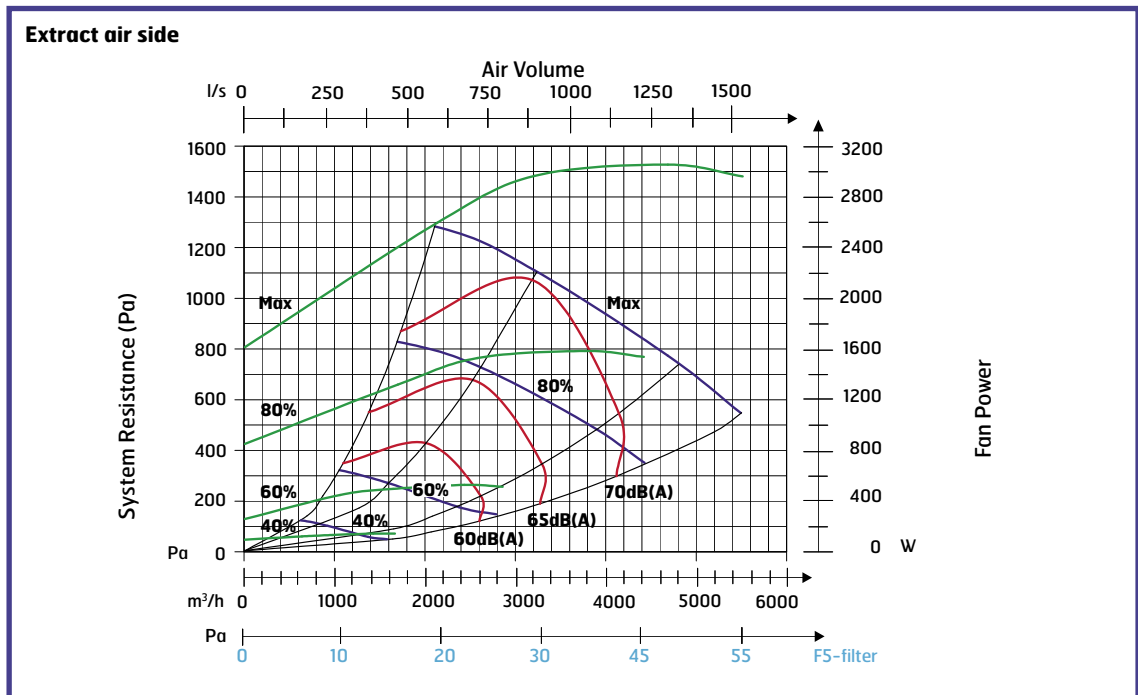
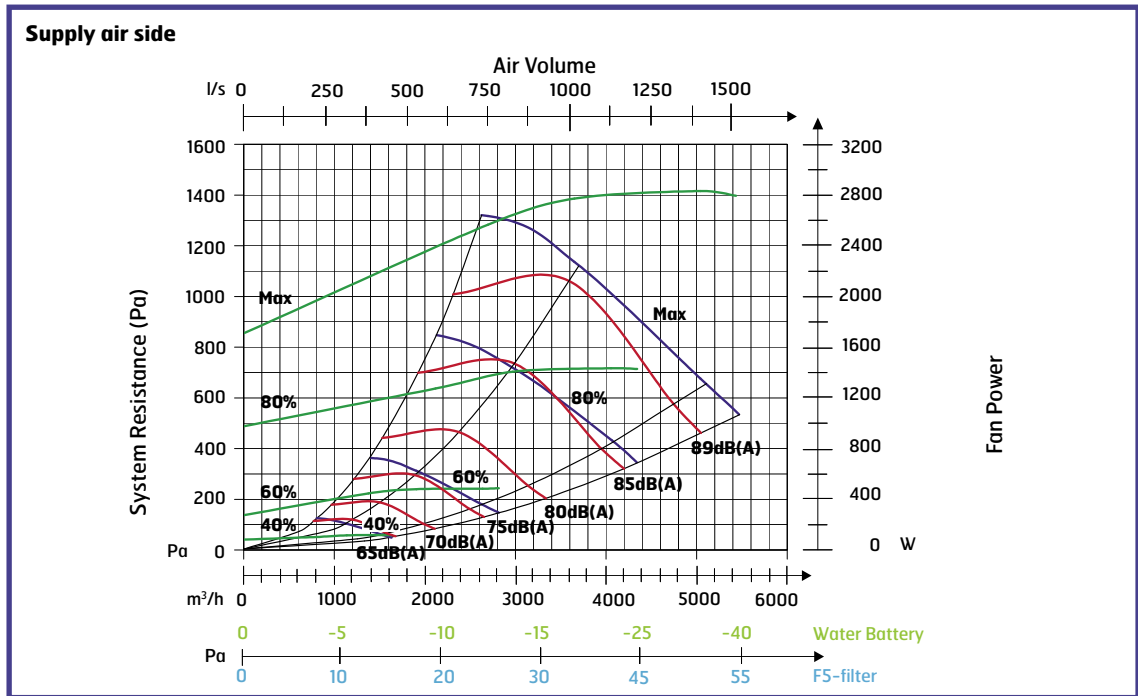


The dimensions are the same on both gable sides.

Shown as a right model. Also available as a left model.

Flexit L50 X

Capacity Diagram L50 X W/E (measured with an F7 filter)



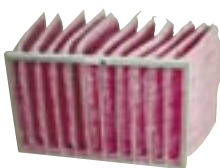
Sound data is given at sound power level L_{wA} in the capacity diagrams and is corrected with the table below for the various octave bands. Radiated noise produces L_w in the various octave bands and total L_{wA} . This is read directly from the supply air table.

Correction factor for L_{wA}									
Hz	63	125	250	500	1000	2000	4000	8000	L_{wA}
Supply air	1	-5	-2	-2	-3	-12	-18	-33	
Extract air	15	3	-3	0	-12	-19	-23	-38	
Radiated	-36	-28	-25	-25	-25	-27	-31	-41	-20,3

Accessories

Description:

Art. no.



Bag filter F 7 for S9	(2 filters per unit)	12324
Bag filter F 7 for S12	(2 filters per unit)	12324
Bag filter F 7 for S20	(2 filters per unit)	12344
Bag filter F 7 for S30	(2 filters per unit)	12345
Bag filter F 7 for L12	(2 filters per unit)	12320
Bag filter F 7 for L18	(2 filters per unit)	12350
Bag filter F 7 for L20	(2 filters per unit)	12350
Bag filter F 7 for L30	(2 filters per unit)	12350
Bag filter F 7 for L50	(4 filters per unit)	12352



2-way valve, dia. 20 mm KVS 2.5 for hot water	56433
2-way valve, dia. 20 mm KVS 4.0 for hot water	56434
2-way valve, dia. 20 mm KVS 6.3 for hot water	57729
3-way valve, dia. 20 mm KVS 2.5 for hot water	57228
3-way valve, dia. 20 mm KVS 4.0 for hot water	56233
3-way valve, dia. 20 mm KVS 6.3 for hot water	56243



Motor for 3-way valve, 0-10 V	(EE) 56234
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Closing air damper, incl. air damper motor, dia. 250, with spring return	(EE) 14485
Closing air damper, incl. air damper motor, dia. 250	(EE) 14476
Closing air damper, incl. air damper motor, dia. 315	(EE) 14477
Closing air damper, incl. air damper motor, dia. 315, with spring return	(EE) 14478
Closing air damper, incl. air damper motor, dia. 400	(EE) 14479
Closing air damper, incl. air damper motor, dia. 400, with spring return	(EE) 14480
Closing air damper, incl. air damper motor 250x500	(EE) 14488
Closing air damper, incl. air damper motor 250x500, with spring return	(EE) 14489
Closing air damper, incl. air damper motor 250x600	(EE) 14486
Closing air damper, incl. air damper motor 250x600, with spring return	(EE) 14487
Closing air damper, incl. air damper motor 400x900	(EE) 14483
Closing air damper, incl. air damper motor 400x900, with spring return	(EE) 14484

See the separate automatic control brochure.

