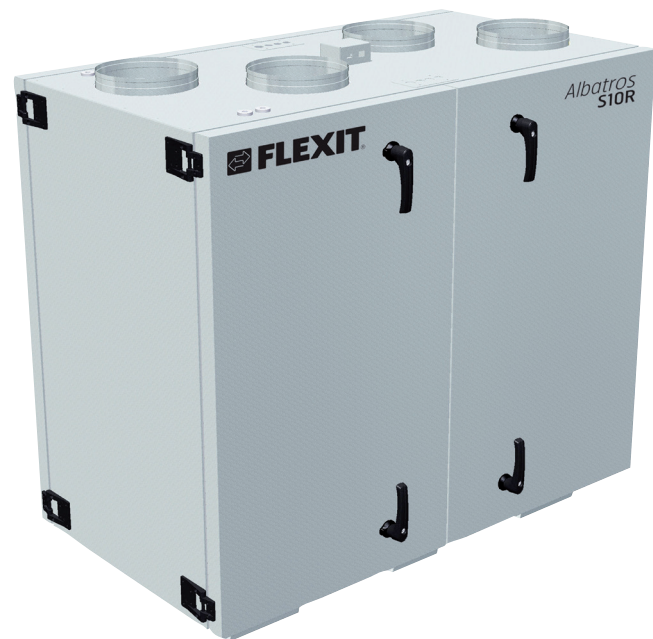


Air handling unit *Albatros* **S10 R**

- Flexibel – impossible to order incorrectly
- Compact – access through 70 cm wide door
- Energy efficient
- Low noise level

**Full flexibility. Easy adaptation to different applications.**

The unit is delivered as a right hand model but can very easily be changed into a left hand model on site. Heater battery (electrical or water) is supplied separately and can easily be fitted/changed at site. This ensures safe, fast delivery and cost savings at possible changes in project or mistakes when ordering.

Fast delivery.

Flexit S10 R is produced against stock and will consequently have a very short delivery time.

Energy efficient with low noise level.

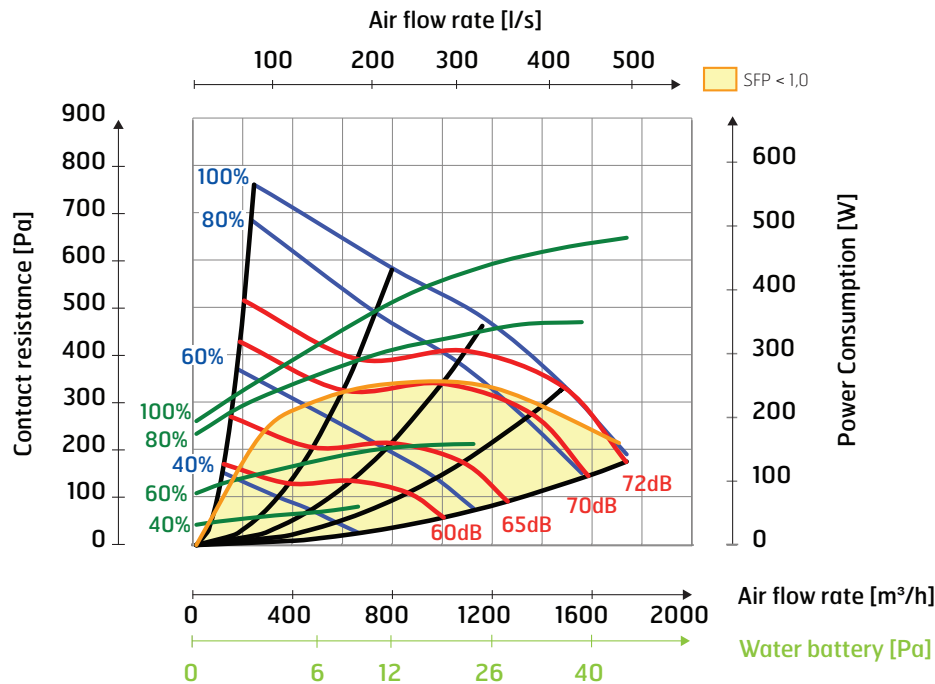
The unit is energy efficient and fulfills demands set in building directive TEK10. In addition the unit has a very low noise level.

Easy access into buildings.

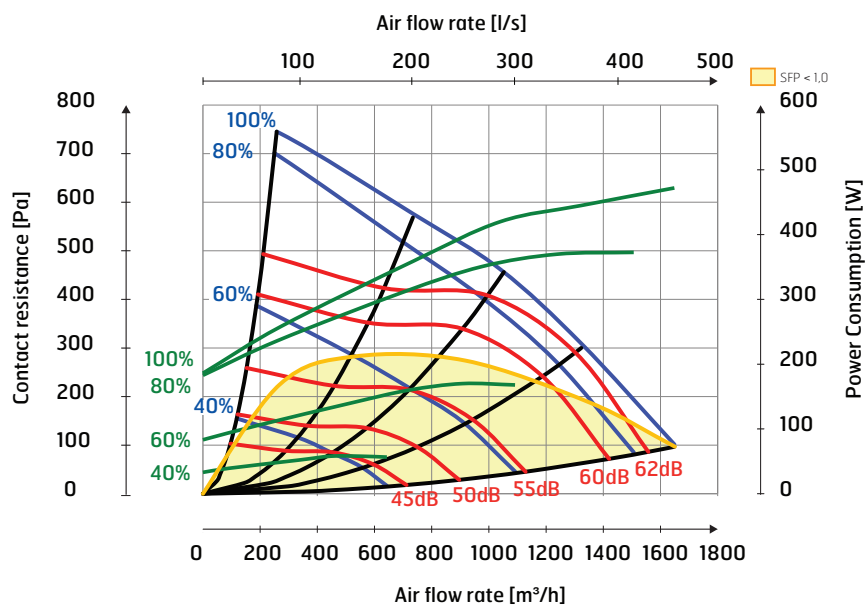
The unit is compact and can be transported in through a 70 cm wide opening.

S10 R

Supply air side



Extract air side



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 «In duct method». Radiated noise is measured in accordance with ISO 9614-2 Bruel & Kjaer measurement, type 2260.

Curves in diagram:

Blue: Air volume in different capacity setting in %.
Green: Power consumption in Watt, read the scale to the right.
Red: Sound - indicate sound level L_{wA} .

Correction factor for L_w

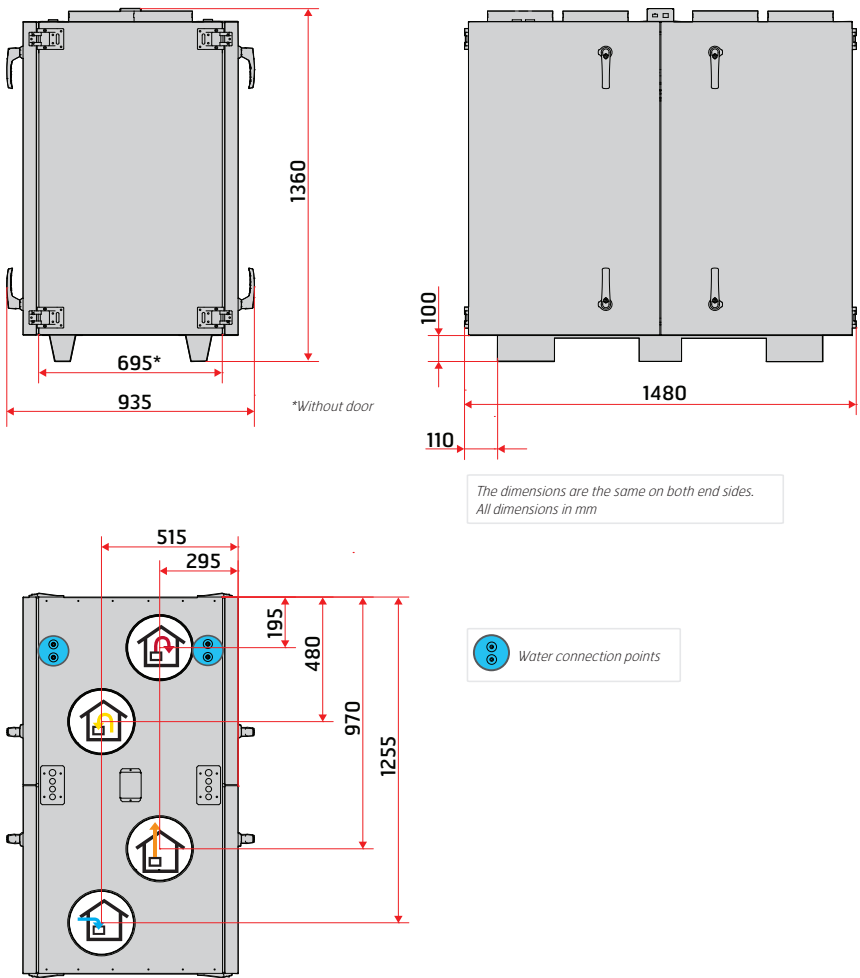
Hz	63	125	250	500	1000	2000	4000	8000	L_{wA}
Supply	9	6	3	-4	-6	-10	-22	-24	
Extract	18	10	5	-12	-14	-19	-29	-34	
Radiated	-31	-22	-15	-24	-45	-28	-30	-37	-18,8

S10 R

	Electric battery	Water battery
Rated voltage	400 V	400 V
Fuse size	3x16 A	3x10 A
Rated current, total	9 A	7 A
Rated power, total	3650 W	1150 W
Rated power, electric battery	2500 W	-
Rated power, fans	2x470 W (230 V)	2x470 W (230 V)
Fan type	B-wheel	B-wheel
Fan motor control	0-10 V	0-10 V
Max. fan speed	2550 rpm	2550 rpm
Filter type	F7 compact filter	F7 compact filter
Filter dimensions (WxHxD mm)	695x405x100	695x405x100
Duct connection	Ø250 mm	Ø250 mm
Height	1360 mm	1360 mm
Width	1480 mm	1480 mm
Depth (with handles)	935 mm	935 mm
Depth (without door)	695 mm	695 mm

Gross unit weight	Fan	Heat recovery system	Doors	Net inward transport
218 kg	2 x 11 kg	36 kg	4 x 13,5 kg	106 kg

Dimensioned Drawing



S10 R - AHU and accessories

17410	Air handling unit S10 R incl. Control panel CS 2000
113427	Filter set F7
113412	Electric battery complete
113433	Water heating element, complete
14476	Closing air damper on/off Ø250 mm
14485	Closing air damper spring Ø250 mm
56432	Shunt valve, KVS 1,6 2-way proff
56232	Shunt valve, KVS 1,6 3-way proff
56433	Shunt valve, KVS 2,5 2-way proff
57228	Shunt valve, KVS 2,5 3-way proff
56072	Adapter for art.no. 57228
56434	Shunt valve, KVS 4,0 2-way proff
56233	Shunt valve, KVS 4,0 3-way proff
56234	Motor shunt valve
	Combi battery (Ask for calculation)
	Cooling battery (Ask for calculation)

Accessories Control system

112434	Room sensor CS 2000
112435	Modbus, communication module
112436	Web, communication module
112437	LON, communication module
112438	BACnet IP, communication module
112439	Expansion module 14 IO
112440	Energy meter
112441	Timer, mechanical
112442	Timer, electronic
112444	Pressure sensor, 500 Pa
112445	Pressure sensor, 3000 Pa
09364	Press button
09368	Room sensor CC 1040
09369	Outdoor sensor CC 1041
09390	Motion detector SP 450
09358	Motion detector SP 435
09861	Smoke detector SP 445
09359	CO ₂ -sensor SP 440



Filter set F7



Water heating element



Shunt valve



Combi battery



Electric battery



Closing air damper



Motor shunt valve



Cooling battery



Room sensor CS 2000



Modbus



Web



LON



BACnet IP



Expansion module 14 IO



Energy meter



Timer mechanical



Timer electronic



Pressure sensor



Press button



Room sensor CC 1040



Outdoor sensor CC 1041



Motion detector SP 450



Motion detector SP 435



Smoke detector SP 445



CO₂-sensor SP 440

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