

Air handling unit *Albatros* **S32 R**

- Flexibel – impossible to order incorrectly
- Compact – access through 90 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.

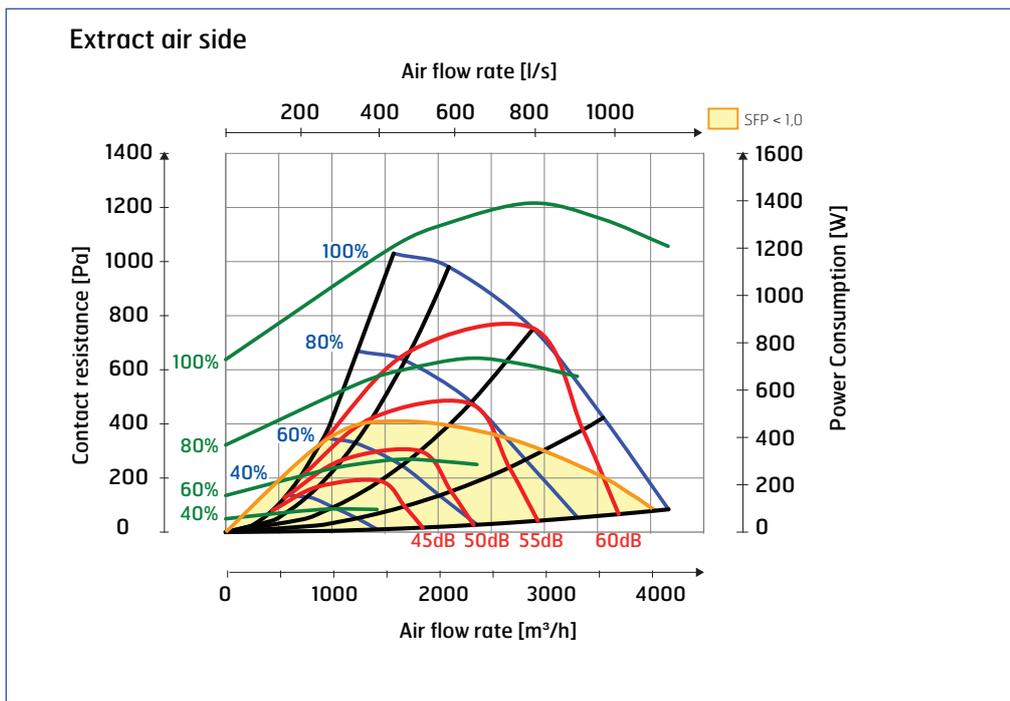
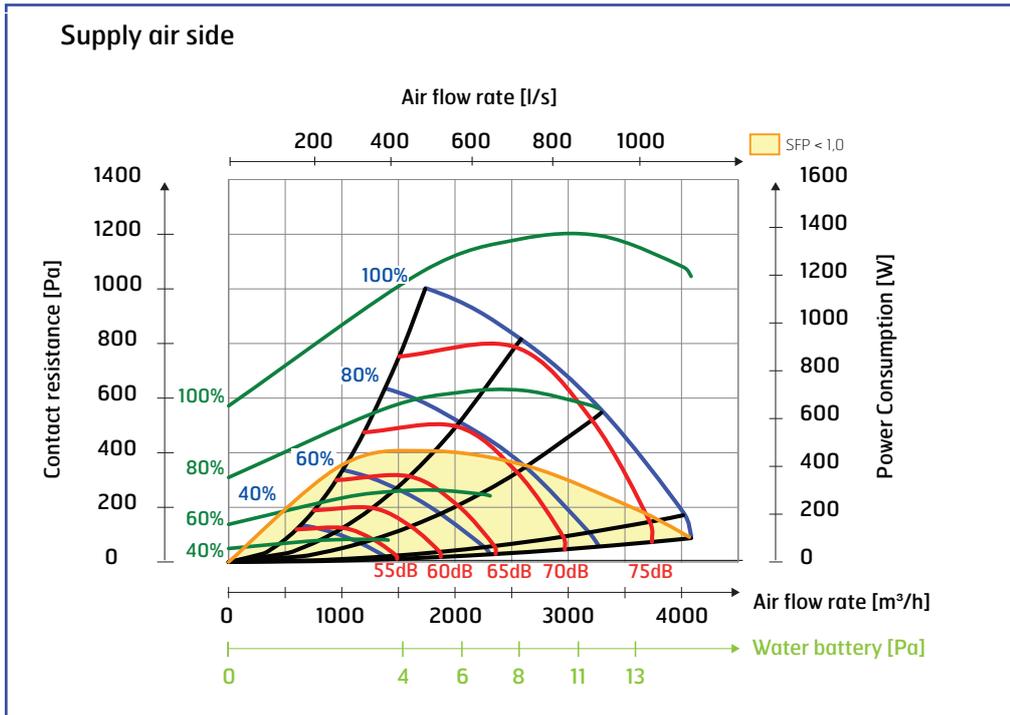
Flexit S32R is produced against stock and will consequently have a very short delivery time.

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 possible to split making transport into the building easy.



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

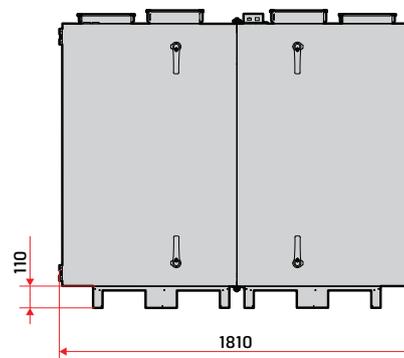
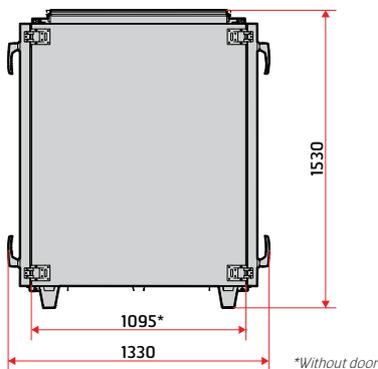
Hz	63	125	250	500	1000	2000	4000	8000	L _{WA}
Supply	3	-2	3	-4	-6	-10	-20	-24	
Extract	17	10	1	-6	-15	-24	-31	-32	
Radiated	-29	-20	-6	-15	-20	-24	-31	-46	-11,8

S32 R

	Electric battery	Water battery
Rated voltage	400 V	400 V
Fuse size	3 x 32 A	3 x 10 A
Rated current, total	24 A	8 A
Rated power, total	11900 W	2900 W
Rated power, electric battery	9000 W	-
Rated power, fans	2 x 1350 W (230 V)	2 x 1350 W (230 V)
Fan type	B wheel	B wheel
Fan motor control	0-10 V	0-10 V
Max. fan speed	2920	2920
Filter class	ePM1 55% (F7)	ePM1 55% (F7)
Filter type	F7 bag filter	F7 bag filter
Filter dimensions (WxHxD mm)	2x (592x490x370) 2x (490x490x370)	2x (592x490x370) x (490x490x370)
Number of bags	18	18
Duct connection	900x250 mm	900x250 mm
Height	1530 mm	1530 mm
Width	1810 mm	1810 mm
Depth (with handles)	1330 mm	1330 mm
Depth (without door)	1095 mm	1095 mm

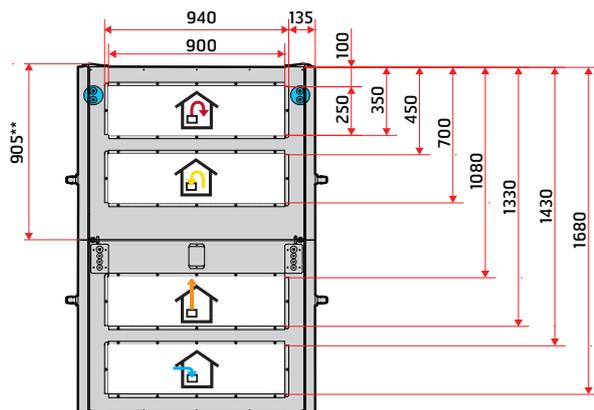
Gross unit weight	Fan	Heat recovery system	Doors	Net inward transport weight with control cabinet
406 kg	2 x 20 kg	75 kg	4 x 18,5 kg	217 kg

Dimensioned drawings

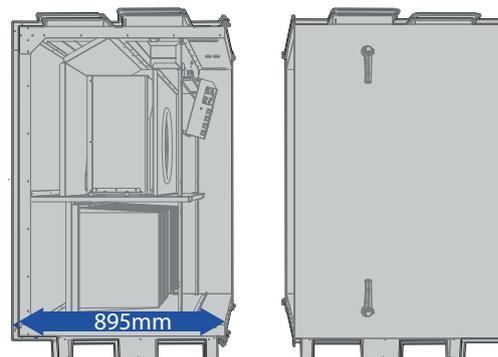


 Water connection points

** 895mm without door



The dimensions are the same on both end sides.
The drawing shows a right model
All dimensions in mm



17460	Air handling unit S32R incl. Control panel CS 2000
112575	Filter set F7
113462	Closing air damper 900x250 on/off
113463	Closing air damper 900x250 spring
112882	Electric battery, complete
112881	Water heating element, complete
117857	Combi battery 1200x600 right
117858	Combi battery 1200x600 left
114121	Combi battery 900x600 left
114074	Combi battery 900x600 right
114073	Cooling battery 900x600 right
114158	Cooling battery 900x600 left
117855	Cooling battery 1200x600 right
117856	Cooling battery 1200x600 left
116482	Shunt valve KVS 0,4 3-way proff
116483	Shunt valve KVS 1,0 3-way proff
116484	Shunt valve KVS 1,6 3-way proff
116485	Shunt valve KVS 2,5 3-way proff
116486	Shunt valve KVS 4,0 3-way proff
117209	Shunt valve KVS 6,3 3-way proff
117860	Shunt valve KVS 10 3-way proff
116487	Shunt valve KVS 0,4 2-way proff
116488	Shunt valve KVS 1,0 2-way proff
116489	Shunt valve KVS 1,6 2-way proff
116490	Shunt valve KVS 2,5 2-way proff
116491	Shunt valve KVS 4,0 2-way proff
117208	Shunt valve KVS 6,3 2-way proff
117859	Shunt valve KVS 10 2-way næring
116492	Motor shunt valve 0-10V KVS 0,4 - 4,0
116493	Motor shunt valve on/off KVS 0,4 - 4,0
117207	Motor shunt valve 0-10V KVS 6,3

Accessories Control system

112435	Modbus, communication module
112438	BACnet IP, communication module
112439	Expansion module 14 IO
09368	Room sensor CC 1040
09369	Outdoor sensor CC 1041
09364	Press button
112442	Timer, electronic
112441	Timer, mechanical
09390	Motion detector SP 450
09358	Motion detector SP 435
09359	CO ₂ -sensor SP 440
09861	Smoke detector SP 445
112444	Pressure sensor 0-1250 Pa



Filter set



Closing air damper



Water heating element



Electric battery



Combi battery



Cooling battery



Shunt valve



Motor shunt valve



Modbus



BACnet IP



Expansion module 14 IO



Room sensor
CC 1040



Outdoor sensor
CC 1041



Press button



Timer
electronic



Timer
mechanical



Motion detector
SP 450



Motion detector
SP 435



CO₂-sensor
SP 440



Smoke detector
SP 445



Pressure
sensor

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