



Code  
 TSK MULTI 50 SC BP 3605-1, 3605-2  
 TSK MULTI 80 SC BP 3604-1, 3604-2

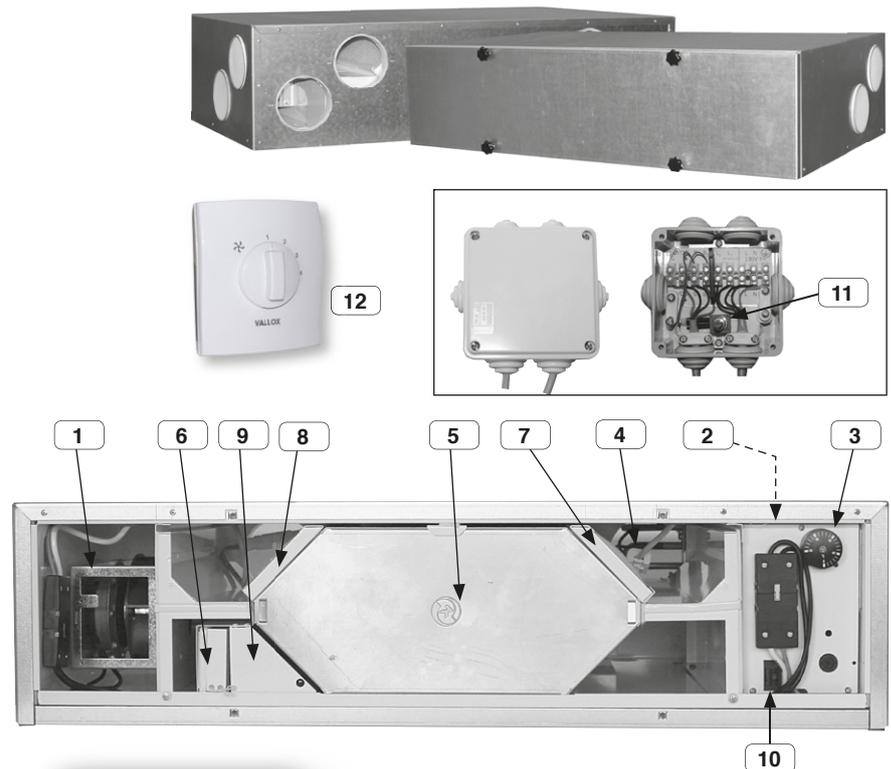
# Vallox TSK Multi 50<sup>SC</sup> BP 80

## Low-energy ventilation unit with heat recovery

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 1.09.609 E  
 Valid from  
 11.4.2014

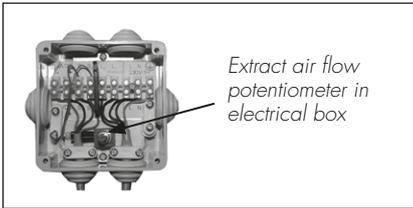
### Operating, maintenance and technical instructions

- 1 Supply air fan
- 2 Extract air fan
- 3 Antifreeze thermostat
- 4 Preheating radiator  
 900 W (TSK Multi 50 SC BP)  
 1500 W (TSK Multi 80 SC BP)
- 5 Heat recovery cell
- 6 Outdoor air filter F7
- 7 Outdoor air filter G4
- 8 Extract air filter G4
- 9 Summer/winter damper
- 10 Safety switch
- 11 Extract air potentiometer  
 (in the connection box)
- 12 Speed selector switch (1-4  
 option)



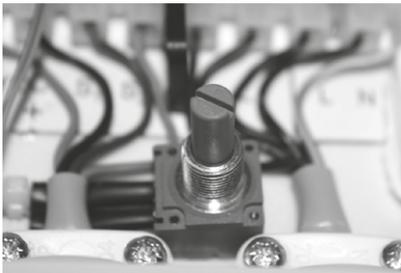
#### TECHNICAL DATA

	VALLOX TSK MULTI 50 SC BP	VALLOX TSK MULTI 80 SC BP
Electrical connection	230 V, 50 Hz, = 4.5 A	230 V, 50 Hz, = 8.8 A
Degree of protection provided by enclosures	IP 34	IP 34
Integrated direct-current fan		
Extract air	0.043 kW 0.32 A 62 dm <sup>3</sup> /s 50 Pa	0.071 kW 0.5 A 93 dm <sup>3</sup> /s 100 Pa
Supply air	0.043 kW 0.32 A 54 dm <sup>3</sup> /s 50 Pa	0.071 kW 0.5 A 77 dm <sup>3</sup> /s 100 Pa
Heat recovery	Cross-counter flow cell, $\eta > 80\%$	Cross-counter flow cell, $\eta > 80\%$
Heat recovery bypass	Motorised damper	Motorised damper
Electric preheating unit	900 W, 3.9 A	max 1500 W, 6.5 A
Filters		
Supply air	G4 + F7	G4 + F7
Extract air	G4	G4
Weight	45.0 kg	58.5 kg
Ventilation power adjustment	SC controller, 0-10 VDC	SC controller, 0-10 VDC
	Remote monitoring control 0-10 VDC	Remote monitoring control 0-10 VDC
Options	SC controller	SC controller
	SlimLine PTXP MC cooker hood	SlimLine PTXP MC cooker hood
	SlimLine PTXPA MC cooker hood	SlimLine PTXPA MC cooker hood

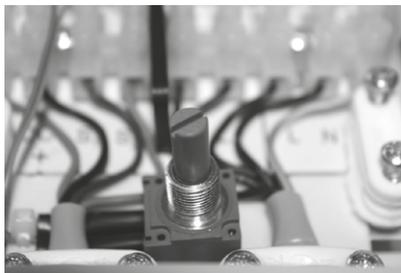


Extract air flow potentiometer in electrical box

### Reduction of extract air flow



When the potentiometer is as shown in the figure, extract air flow has not been slowed down at all. Factory setting.



When the potentiometer is as shown in the figure, the reduction of extract air flow is at its highest.



After a possible adjustment has been made, mark a line on the potentiometer with for instance a marker pen, as shown in the figure. This makes it possible to turn it back to the suitable position if it has changed for some reason.

### Fan speed adjustment

The fan speed of a Vallox ventilation unit can be controlled with a control switch (option), with a separate cooker hood (option) or directly with a 0-10 V voltage signal.

Speeds 1, 2, 3 and 4 can be selected at the control switch.

1. Operation during absence. When the dwelling is empty, ventilation can be reduced temporarily.
- 2-3. Normal operation. In normal operation, air has to be replaced once every two hours.
4. Boosted operation. Cooking, taking a sauna bath, washing, drying clothes, using the toilet, having guests or a corresponding situation may cause a need for higher ventilation than in normal operation.



Four-step control switch



Cooker hood PTXPA-MC

### Heat recovery bypass

In winter use the heat recovery cell of VALLOX TSK Multi SC BP 50/80 recovers heat from the air leaving the dwelling and uses it to heat the air coming from the outside.

In summer use when it is warm outside, heating of outdoor air is not needed. The heat recovery cell is then bypassed with the damper in VALLOX TSK Multi 50/80 (see page 1, item 9).

The damper is controlled by a separate 0-1 switch (not included in the unit delivery). The switch is mounted in the dwelling at the same time as the electrical installation. In the summer position, air flow through the cell is prevented and heat recovery bypass is opened.

### Air filtering

Vallox TSK Multi 50/80 has coarse filtering of both extract and supply air before the fans. There is a G4-class coarse filter (see page 1, item 7) on the supply air side and a G4-class coarse filter (see page 1, item 8) on the extract air side. The unit can also be equipped with a F7 fine filter (see page 1, item 6), which captures fine dust and pollen as well as dust not seen to the eye. The filters must be in place in the unit whenever ventilation is in operation.

### Antifreeze

Water condensing from extract air may freeze in the heat recovery cell. Antifreeze is implemented in the unit either by stopping the supply air fan or with a preheating radiator, depending on how the unit is equipped.

### Outdoor air preheating

In units equipped with a preheating radiator (see page 1, item 4) an antifreeze thermostat (see page 1, item 3) switches the preheating radiator on when extract air temperature after the cell goes below +5 °C. The preheating radiator switches off when temperature has risen by circa three degrees to +8 °C. The preheating radiator heats outdoor air before the heat recovery cell and prevents it from freezing. In very cold temperatures, the preheating radiator is not enough to heat maximum air flow to a sufficient degree (in a temperature of -30 °C maximum air flow is 30 dm<sup>3</sup>/s). The limit of the thermostat can be adjusted.

### Reduction of extract air flow

Extract air flow can be reduced at the potentiometer located in the electrical box. This feature can be useful when the ventilation system is adjusted. In other situations, the potentiometer and its position must not be touched. After the adjustment, mark the position on the body of the potentiometer with for instance a marker pen, as has been done in the figure below. This makes it possible to turn it back to the suitable position if it has changed for some reason. Check and ensure that the extract air fan rotates at the lowest (1.) speed if you have adjusted the potentiometer.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance.

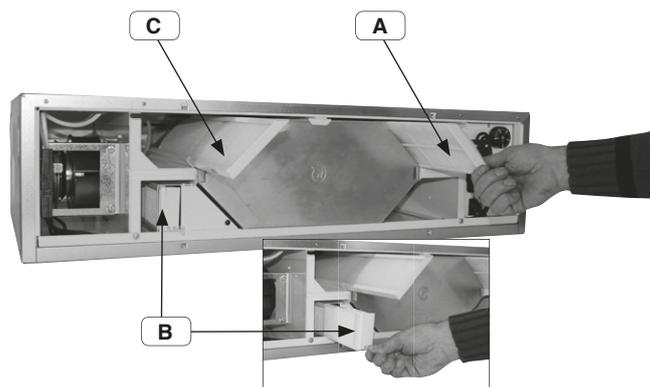
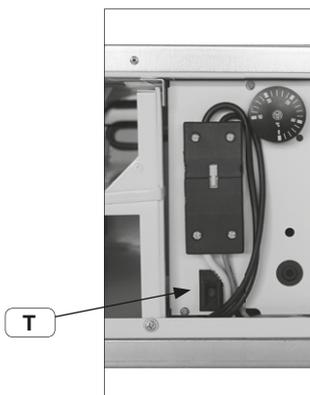
Cleaning and user maintenance shall not be made by children without supervision.

## MAINTENANCE INSTRUCTIONS

### MAINTENANCE

#### Before starting maintenance operations

When you open the VALLOX TSK Multi 50/80 SC BP unit, the safety switch of the door (T) turns power off from the unit. In spite of that, always disconnect the plug of the VALLOX TSK Multi 50/80 SC BP unit before starting maintenance operations.



#### VALLOX TSK Multi 50/80 SC BP filters and heat recovery cell

The units are available as right- and left-handed models. In a right-handed (model R) model, outdoor air comes to the unit from the right side of the centre line, as shown in the instructions. In a left-handed (model L) unit, outdoor comes from the left side of the unit. The filters, summer/winter damper and heating radiator change places correspondingly.

#### Filters

When the maintenance reminder gives an alarm, the cleanliness of the filters must be checked.

Outdoor air is filtered in the unit with two kinds of filters. A coarse filter (A) filters off insects, heavy pollen and other dust. An F7 class fine filter (B) filters off fine dust invisible to the eye. Extract air is filtered with a coarse filter (C).

By using original Vallox filters you ensure good operation of the ventilation unit and the best filtering result. The replacement interval of filters depends on dust content in ambient air. It is recommended to replace fans in spring and autumn, but at least once a year.

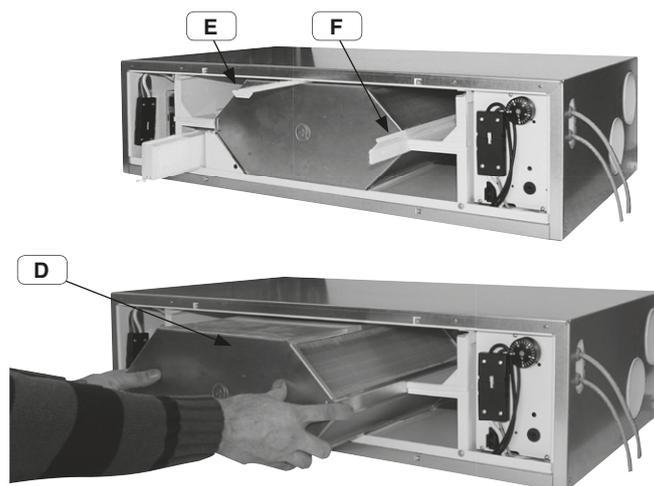
#### Heat recovery cell

When you replace the filters, you are also advised to check the cleanliness of the heat recovery (HR) cell (D) at about two-year intervals.

The G4 filters and their supports, the sealing ledge (E) above the HR cell and the side sealing ledge (F) must be pulled off before the cell can be detached. When the sealing ledge has been removed, the HR cell can be pulled out of the unit.

Note! The laminas of the HR cell are very thin and get easily damaged.

The correct way to remove the HR cell is to put your hands behind the HR cell and slowly pull it off. If the HR cell is dirty, wash it by immersing it in a solution of water with washing-up liquid. Rinse the HR cell clean with a jet of water. When water has drained from between the laminas, you can push the HR cell back in place. Finally, push the sealing ledges and filters in place.

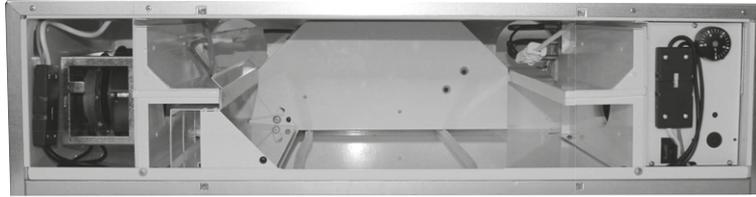


**Fans**

Check the cleanliness of the fans when carrying out maintenance for a filter and the heat recovery cell. Clean the fans if needed. The fans can be removed from the unit for cleaning. The fan blades can be cleaned with compressed air or with a brush. Do not remove or move the balancing pieces on the fan blade.

**Detaching of supply and extract air fan**

Before detaching the supply and extract air fan, the filters and the heat recovery cell of the unit have to be removed as described earlier. The detaching and remounting of the fan housings and bypass duct must be done carefully according to the following instructions in order to avoid damage. Because the unit is small in size, there is not much room for maintenance.

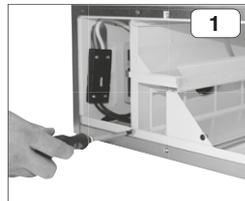


Unit with HR cell and filters removed

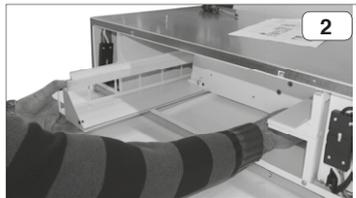
**Detaching of supply air fan, right-handed unit**

(When detaching the supply air fan of a left-hand unit, reverse the instructions)

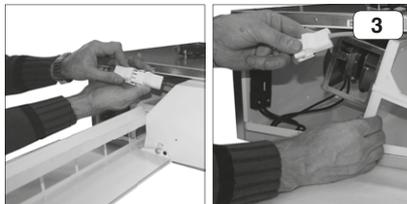
1. Unfasten the fixing screw of the fan housing.



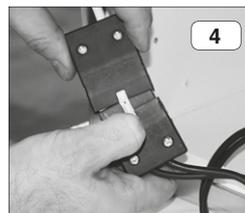
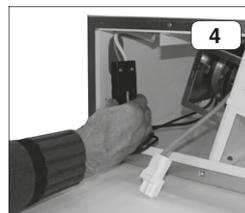
2. Pull the bypass duct/filter stand bundle out and turn it to the right.



3. Detach the wire of the damper, remove the bypass duct/filter stand package and take the connector out of the way.



4. Tilt the supply air fan to the right, pull the connector package of the fan off from the wall and detach the connectors from each other by pressing the white tongue.



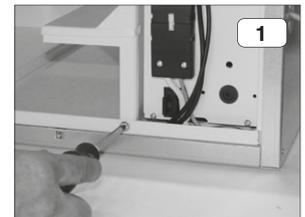
5. Pull the fan damper out from the unit by tilting it forwards.



**Detaching of extract air fan, right-handed unit**

(When detaching the extract air fan of a left-hand unit, reverse the instructions)

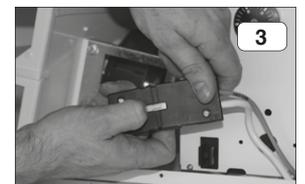
1. Unfasten the fixing screw of the fan housing.



2. Detach the connector package of the fan motor from the front plate.



3. Detach the connectors from each other by pressing the white tongue.



4. Detach the connector of the preheating radiator. If there is no preheating radiator in the unit, move to item 6.



5. Take the connector and its wire away from the fan housing.



6. Pull the fan housing out by tilting it backwards.



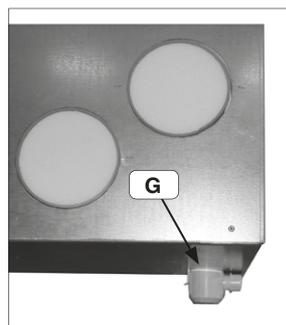
**The mounting of the fan housings is carried out in the opposite order.**

## MAINTENANCE INSTRUCTIONS

### Condensing water

During the heating season, humidity of extract air condenses into condensing water. Water formation may be abundant in new buildings or if ventilation is low compared to the humidity build-up caused by the residents. Condensing water needs to flow out from the ventilation unit without hindrance. In carrying out maintenance, for instance in autumn before the beginning of the heating season, make sure that the condensing water outlet (G) in the bottom tank is not clogged. You can check it by pouring a little water in the tank. Clean if needed. Do not let water flow into electrical devices.

The unit comes with a condensing outlet (in the figure) equipped with an airlock and an outlet without airlock that takes less space. If you use the outlet without an airlock, you have to mount an airlock somewhere between the discharge pipes (the accessory bag contains the parts needed). An airlock guarantees the removal of condensing water and silencing of any sounds.



*Location of condensing water outlet from side*

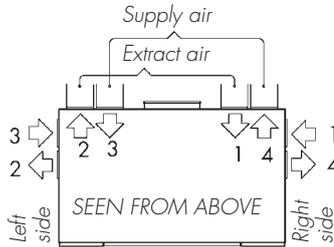


*Location of condensing water outlet from behind*

Performance TSK Multi 50 SC BP

Measuring points

Measuring points after the connection outlet. Fan curves indicate the total pressure available for duct losses.



Input powers of fans

Fan control voltage with SC controller (V)	Combined input power of fans (W)
2,7	11
3,6	15
4,5	20
5,5	26
6,4	37
7,3	49
8,2	65
9,1	87
10	108

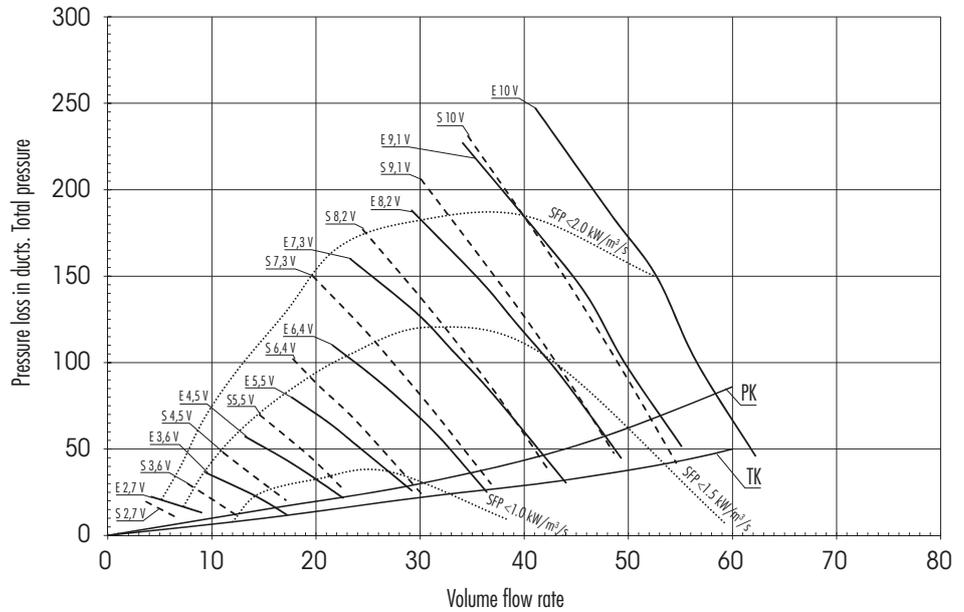
Air volumes Vallox TSK Multi 50 SC BP Supply air (F7 + G4), Extract air (G4)

--- E = Extract air fan  
— S = Supply air fan

ED = examples of pressure in extract ducts  
SD = example of pressure losses in supply ducts.

SFP (Specific Fan Power) recommended value <2.5 (kW m³/s)

$$SFP = \frac{\text{Input power (total) (W)}}{\text{Air flow (max) (dm}^3\text{/s)}}$$



Sound values	Sound power level in supply air duct (one duct) by octave band L <sub>w</sub> , dB										Sound power level in extract air duct (one duct) by octave band L <sub>w</sub> , dB								
	ADJUSTMENT POSITION/AIR FLOW dm³/s										ADJUSTMENT POSITION/AIR FLOW dm³/s								
	Adjustment position	10.0 V	9.1 V	8.2 V	7.3 V	6.4 V	5.5 V	4.5 V	3.6 V	2.7 V	10.0 V	9.1 V	8.2 V	7.3 V	6.4 V	5.5 V	4.5 V	3.6 V	2.7 V
Air flow dm³/s	54.6	50.4	43.9	38.7	31.3	25.1	18.8	13.8	8.1	62.8	56.9	50.3	45.0	37.9	32.1	26.2	19.1	13.7	
Medium frequency of the octave band Hz	63	57.6	57.4	54.1	52.8	50.2	47.3	44.9	40.7	42.3	51.0	50.0	47.6	45.5	43.4	*38.2	*34.0	*31.6	*30.3
	125	60.4	59.3	57.3	55.6	53.7	50.0	51.1	47.8	40.5	57.8	57.0	54.5	51.9	49.2	48.0	44.7	44.1	40.4
	250	64.0	62.3	61.0	59.9	58.5	55.1	51.2	45.9	34.9	55.3	53.9	52.7	52.1	48.6	47.9	43.5	37.6	28.7
	500	66.2	64.3	61.8	60.8	55.2	50.0	45.5	39.5	30.1	51.0	50.2	48.3	49.4	40.8	36.2	30.8	*25.3	*17.6
	1000	63.2	61.5	59.6	56.6	51.0	47.5	42.3	35.5	*24.0	51.1	49.3	46.5	44.1	39.1	36.1	31.6	*25.4	*16.8
	2000	58.8	56.9	54.3	51.3	47.4	41.9	34.4	*23.9	*17.8	40.1	38.4	36.8	35.3	29.9	*27.7	*21.3	*13.9	*12.2
	4000	53.6	51.4	48.1	43.9	38.0	*29.6	*23.1	*20.6	*18.6	33.0	31.1	29.5	*26.5	*19.9	*18.4	*17.6	*17.6	*17.5
	8000	36.5	33.4	*29.6	*26.5	*24.3	*23.3	*23.1	*23.1	*23.2	*23.5	*23.2	*23.1	*23.2	*22.9	*22.9	*22.9	*22.9	*22.9
L <sub>w</sub> , dB		70.6	68.9	66.8	65.2	62.0	58.1	55.4	50.9	45.2	61.3	60.2	58.1	56.7	53.0	51.5	47.6	45.3	*41.2
L <sub>WA</sub> , dB(A)		67.5	65.6	63.3	61.1	57.0	52.3	47.6	41.5	32.5	54.1	52.7	50.6	49.7	44.5	42.7	38.0	*33.5	*28.9
	Sound pressure level coming from the unit through the envelope in the rooms where the unit has been installed (10m² sound absorption)																		
	ADJUSTMENT POSITION/AIR FLOWS (supply/extract)																		
		10.0 V	9.1 V	8.2 V	7.3 V	6.4 V	5.5 V	4.5 V	3.6 V	2.7 V									
		54.0 / 61.4	49.3 / 55.8	43.9 / 50.1	38.1 / 44.0	31.5 / 37.3	25.1 / 30.9	19.4 / 25.1	13.4 / 18.6	8.0 / 13.1									
L <sub>PA</sub> , dB (A)		49.2	47.7	45.6	42.9	39.3	35.6	32.1	*27.0	*24.4									

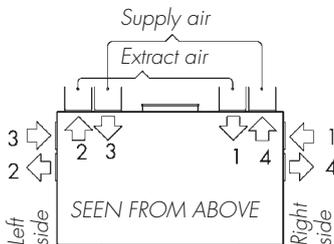
\*The background noise requirements of standard ISO 3741:2010 have not been met

**TECHNICAL DATA**

**Performance TSK Multi 80 SC BP**

**Measuring points**

Measuring points after the connection outlet. Fan curves indicate the total pressure available for duct losses.



**Input powers of fans**

Fan control voltage with SC controller (V)	Combined input power of fans (W)
2,7	12
3,6	17
4,5	25
5,5	34
6,4	47
7,3	68
8,2	95
9,1	125
10	165

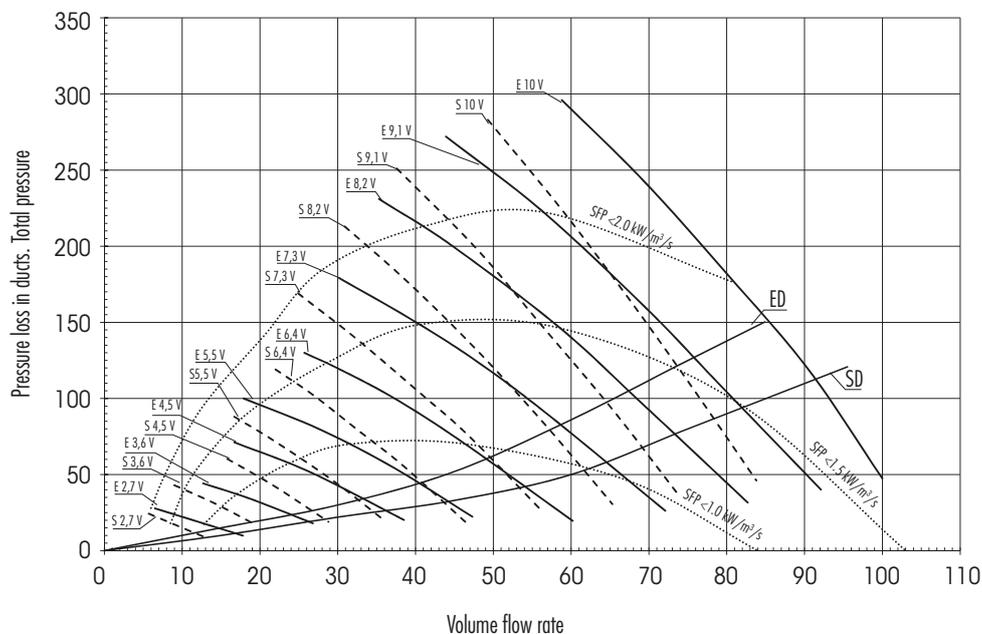
**Air volumes Vallox TSK Multi 80 SC BP Supply air (F7 + G4), Extract air (G4)**

--- E = Extract air fan  
— S = Supply air fan

ED and SD are examples of pressure losses in supply and extract ducts.

SFP (Specific Fan Power) recommended value <2.5 (kW m³/s)

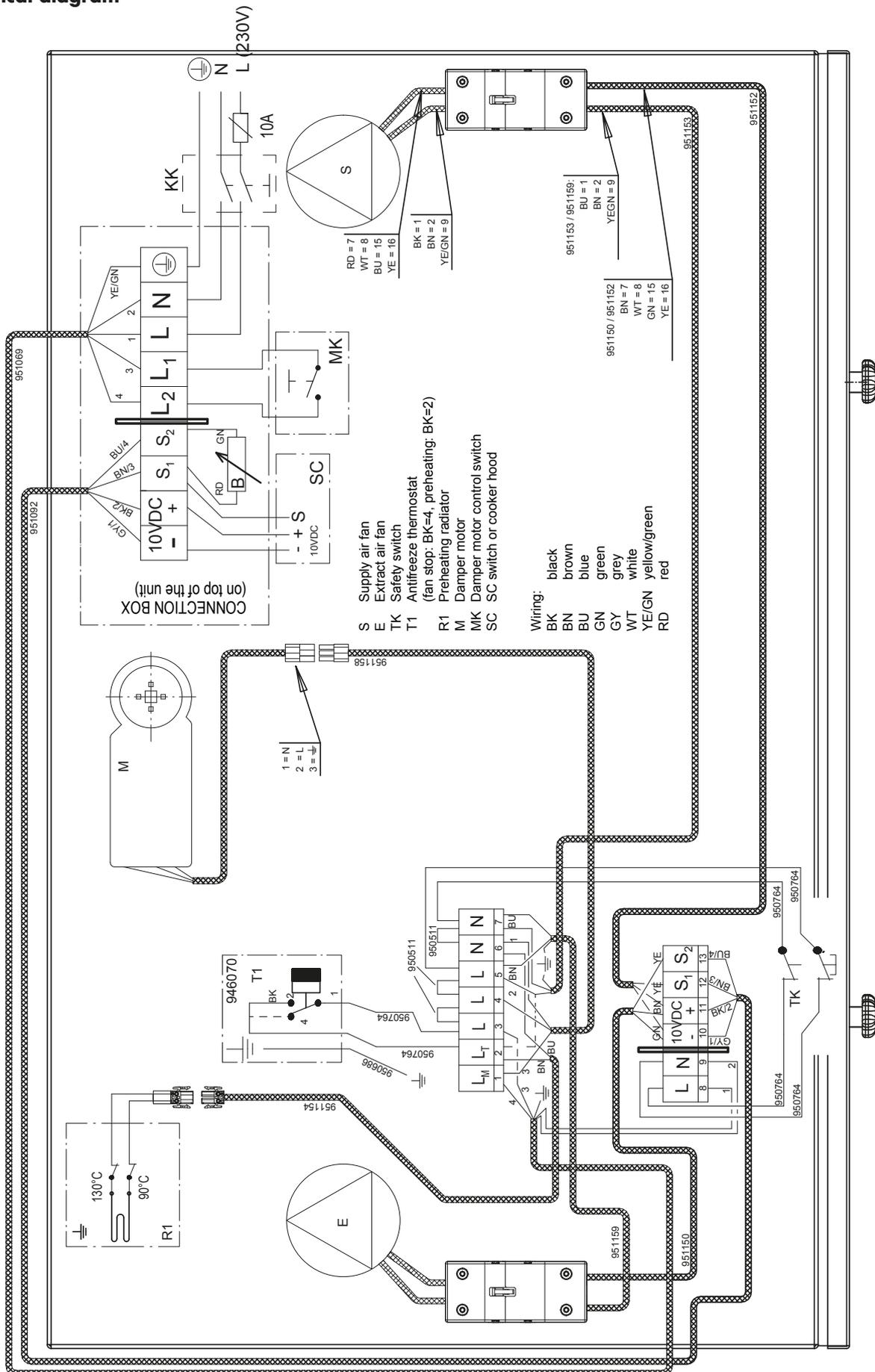
$$SFP = \frac{\text{Input power (total) (W)}}{\text{Air flow (max) (dm}^3\text{/s)}}$$



Sound values	Sound power level in supply air duct (one duct) by octave band L <sub>w</sub> , dB										Sound power level in extract air duct (one duct) by octave band L <sub>w</sub> , dB									
	ADJUSTMENT POSITION/AIR FLOW dm³/s										ADJUSTMENT POSITION/AIR FLOW dm³/s									
	Adjustment position	10.0 V	9.1 V	8.2 V	7.3 V	6.4 V	5.5 V	4.5 V	3.6 V	2.7 V	10.0 V	9.1 V	8.2 V	7.3 V	6.4 V	5.5 V	4.5 V	3.6 V	2.7 V	
Air flow dm³/s	83.8	75.2	65.7	57.7	47.9	39.6	31.6	23.1	15.6	101.0	92.2	81.3	71.2	59.3	50.3	43.3	33.1	22.3		
Medium frequency of the octave band Hz	63	60.4	60.4	57.4	56.0	54.3	52.4	55.8	43.3	43.2	55.6	55.0	57.7	54.5	48.5	47.3	48.4	39.8	*38.9	
	125	64.5	61.9	60.4	58.5	56.9	54.6	52.4	46.1	39.1	60.1	58.3	56.8	53.7	50.9	48.3	48.0	41.6	33.9	
	250	71.9	72.0	69.5	68.0	60.3	56.6	50.9	46.0	38.3	59.1	58.2	56.9	55.3	50.3	46.9	42.9	36.7	30.3	
	500	73.0	66.8	63.2	59.9	56.3	51.8	47.4	40.9	33.1	55.2	52.3	48.9	45.9	42.9	37.5	34.3	27.1	*21.8	
	1000	66.0	62.9	59.7	56.5	51.8	47.1	42.5	36.2	*27.9	53.1	49.9	47.5	44.1	40.0	35.7	32.1	*25.5	*19.8	
	2000	62.0	59.3	56.2	53.0	48.9	43.6	38.3	30.1	*19.7	42.3	39.8	37.0	33.6	29.7	25.8	*22.3	*16.4	*13.9	
	4000	52.5	49.6	46.1	42.2	37.2	31.5	*25.8	*20.0	*17.9	29.4	*26.7	*23.9	*20.7	*18.8	*18.0	*17.8	*17.7	*18.0	
	8000	38.5	34.9	30.8	*27.3	*24.4	*23.2	*23.0	*23.0	*22.9	*23.5	*23.2	*23.1	*23.1	*23.0	*23.0	*23.0	*23.0	*23.0	
	L <sub>w</sub> , dB	76.6	74.2	71.5	69.6	64.0	60.6	58.8	50.8	45.9	64.4	62.9	62.3	59.6	55.2	52.6	52.0	44.7	*40.7	
	L <sub>wa</sub> , dB(A)	72.2	69.1	66.1	63.2	57.9	53.4	48.8	42.6	*35.0	57.0	54.8	52.7	49.8	45.7	41.6	38.9	*32.7	*28.1	
	Sound pressure level coming from the unit through the envelope in the rooms where the unit has been installed (10m² sound absorption)																			
	ADJUSTMENT POSITION/AIR FLOWS (supply/extract)																			
		10.0 V	9.1 V	8.2 V	7.3 V	6.4 V	5.5 V	4.5 V	3.6 V	2.7 V										
		84.0 / 88.1	74.8 / 79.2	66.1 / 70.4	57.0 / 61.7	47.4 / 52.1	39.3 / 43.1	32.3 / 36.8	23.4 / 27.8	15.1 / 19.5										
	L <sub>pa</sub> , dB (A)	53.5	51.2	49.5	45.9	42.0	37.4	34.4	*28.9	*24.7										

\*The background noise requirements of standard ISO 3741:2010 have not been met

Electrical diagram



7025700

7025700

## MOUNTING INSTRUCTIONS

### Mounting location

VALLOX TSK Multi 50/80 SC BP has to be mounted in a place where temperature does not go below +10 °C. Without a protective enclosure, the unit must be located in a place with no acoustic disturbance: storeroom, utility room, suspended ceiling etc.

**Important!** The outdoor air duct to the unit and the exhaust air duct out must be insulated with closed cell insulation for the whole length.

### Fastening

VALLOX TSK Multi 50/80 SC BP is mounted normally to a ceiling with four fastening hooks delivered with the unit. When fastening, take into account that the unit weighs 45 kg.

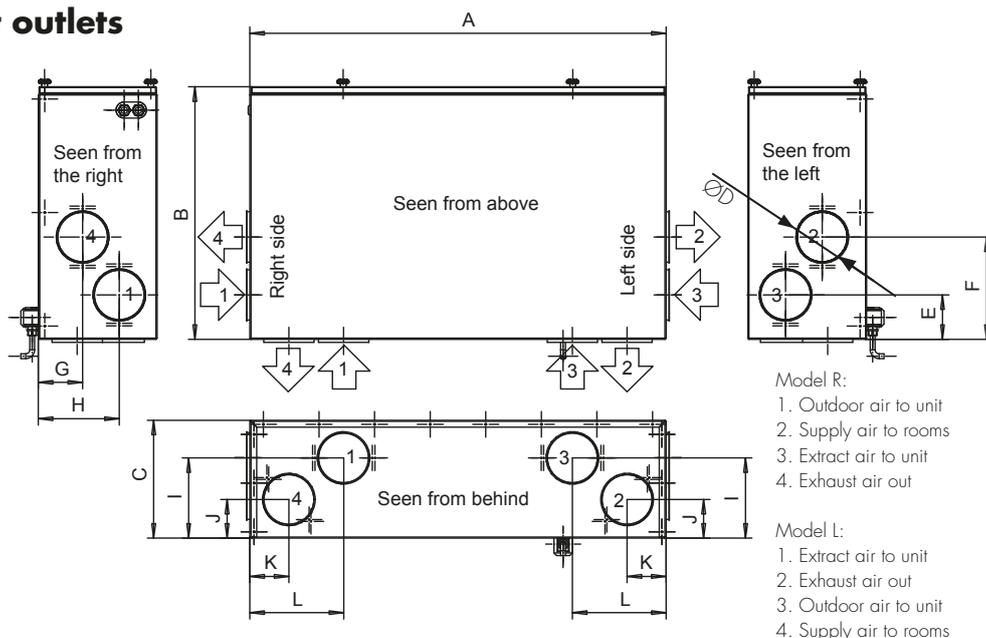
**Important!** Mount the unit horizontally level to make sure that the condensing water gathering in the bottom tank runs into the condensing outlet.

### Condensing water

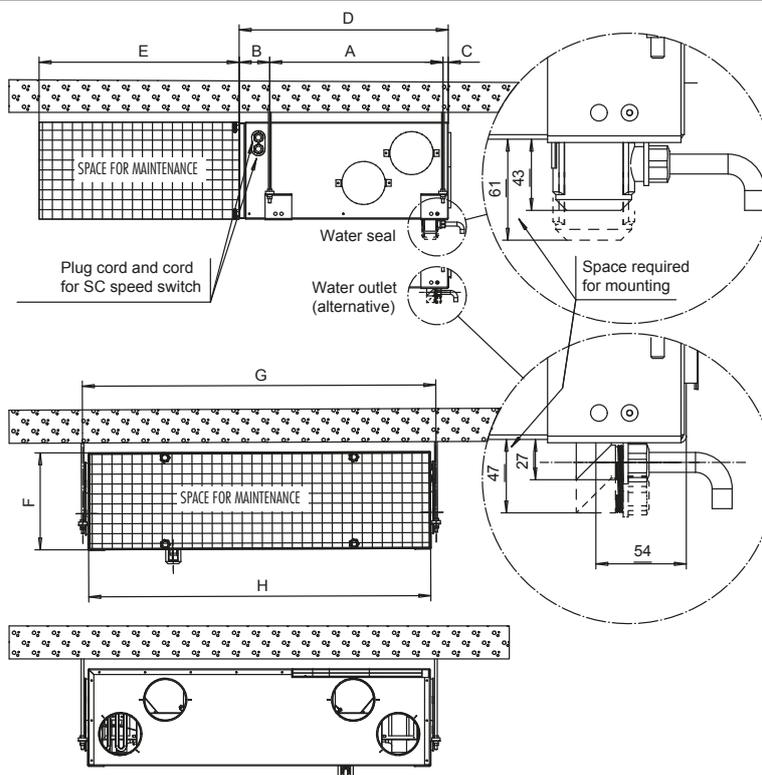
The delivery includes a water seal. By connecting a pipe to the water seal the water condensing from extract air can be led to a floor drain (not directly to the drain). The pipe must not rise after the water seal. For further instructions on the mounting of the water seal and outlet, see the accessory bag.

### Dimensions and duct outlets

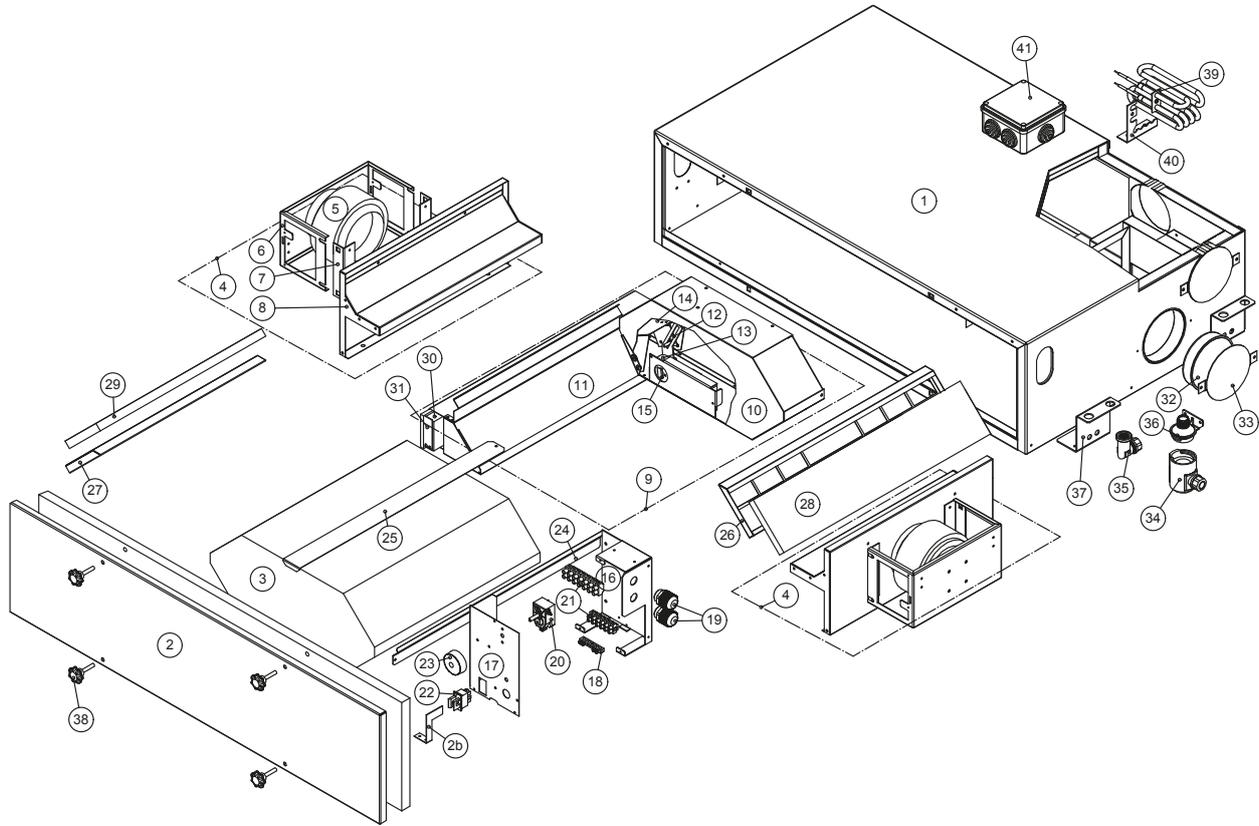
DIMENSION	VALLOX TSK MULTI 50 mm	VALLOX TSK MULTI 80 mm
A	900	1026
B	547	626
C	236	293
D	100 (female)	125 (female)
E	87	110
F	197	254
G	86	110
H	161	200
I	161	200
J	86	96
K	96	96
L	206	231
M	498	624



DIMENSION	VALLOX TSK MULTI 50 mm	VALLOX TSK MULTI 80 mm
A	431	519
B	91	91
C	16	16
D	548	626
E	530	600
F	236	293
G	935	1060
H	900	1026



Exploded view and parts list  
VALLOX TSK MULTI SC BP 50/80



Part	Code
1 Body TSK Multi 50 SC BP / 50 MC / 80 SC BP / 80 MC	
2 Door assembly (incl. 2b door switch button) (50 MC/SC BP)	3473500
2 Door assembly (incl. 2b door switch button) (80 MC/SC BP)	3483000
3 Heat exchanger, counter-flow cell GS 18/400 (MC 50)	933120
3 Heat exchanger, counter-flow cell GS 25/450 (80 MC/SC BP)	9331304
4 Fan assembly (50 MC/SC BP)	3473400
4 Fan assembly (80 MC/SC BP)	3482900
5 Fan motor 43 W (50 MC/SC BP) R3G133-AE07-02 EC	935385
5 Fan motor 71 W (80 MC/SC BP) R3G190-AB07-02 EC	935375
6 Fan mounting plate	3335110
7 Fan fastening angle	1088410
8 Fan housing (metal parts: inlet cone, partition and insulation) (50 MC/SC BP)	3463100, 3463200, 3463300
8 Fan housing (metal parts: inlet cone, partition and insulation) (80 MC/SC BP)	3387410, 3318210, 3478900
9 Bypass duct assembly (50 MC/SC BP R)	3432700
9 Bypass duct assembly (50 MC/SC BP L)	3432701
9 Bypass duct assembly (80 MC/SC BP R)	3479500
9 Bypass duct assembly (80 MC/SC BP L)	3479600
10 Body of bypass duct and F7 filter support (50 MC/SC BP)	3433111, 3425310, 3451901
10 Body of bypass duct and F7 filter support (80 MC/SC BP)	3479700, 3479800, 3480100
11 Cell damper (50 MC/SC BP)	3433000
11 Cell damper (80 MC/SC BP)	3480000
12 Bypass duct damper (50 MC/SC BP)	3432800
12 Bypass duct damper (80 MC/SC BP)	3479900
13 Damper motor CM230-R (R units)	930621
13 Damper motor CM230-L (L units)	930620

## LIST OF SPARE PARTS

14	Damper motor arm (50 MC/SC BP) .....	3383320
14	Damper motor arm (80 MC/SC BP) .....	3480300
	<b>Part</b>	<b>Code</b>
15	Retaining bracket for arm .....	3458100
16	Bottom of connection box (50 MC/SC BP) .....	3444800
16	Bottom of connection box (80 MC/SC BP) .....	3444810
17	Cover of connection box (50 MC/SC BP) .....	3444900
17	Cover of connection box (80 MC/SC BP) .....	3444910
18	Ground terminal .....	950432
19	Cable clamp .....	952130
20	Terminal strip 6 mm2 7-part .....	952010
20	Terminal strip 4 mm2 6-part .....	952020
21	Thermostat Rathgeber .....	946070
22	Safety switch Cherry/ Dong Hai .....	948370
23	Thermostat knob .....	948430
24	HR side sealing ledge (50 MC/SC BP) .....	3356300
24	HR side sealing ledge (80 MC/SC BP) .....	3352600
25	HR upper sealing ledge (50 MC/SC BP) .....	3463400
25	HR upper sealing ledge (80 MC/SC BP) .....	3488700
26	G4 filter stand 500 mm (supply air) (50 MC/SC BP) .....	3356400
26	G4 filter stand 580 mm (supply air) (80 MC/SC BP) .....	3352700
27	G4 filter stand 400 mm (extract air) (50 MC/SC BP) .....	3382800
27	G4 filter stand 450 mm (extract air) (80 MC/SC BP) .....	3368500
28	G4 filter (supply air) (50 MC/SC BP) .....	978036
28	G4 filter (supply air) (80 MC/SC BP) .....	3326700
29	G4 filter (extract air) (50 MC/SC BP) .....	978035
29	G4 filter (extract air) (80 MC/SC BP) .....	3379700
30	F7 filter (50 MC/SC BP) .....	978136
30	F7 filter (80 MC/SC BP) .....	978135
31	F7 filter puller (50 MC/SC BP) .....	3452100
31	F7 filter puller (80 MC/SC BP) .....	3480200
32	Plug (50 MC) .....	990630
32	Plug (80 MC) .....	990640
33	Cover plate 100 mm (50 MC) .....	3363500
33	Cover plate 125 mm (80 MC) .....	3363600
34	Water seal .....	3212200
35	Condensing water outlet .....	3477000
36	Pipe connector cover of water seal .....	3482600
37	Ceiling mounting part (in mounting accessory bag 3361500) .....	3358500
38	Knurled-head screw .....	990698
39	Preheating radiator (50 R units) .....	94221 1
39	Preheating radiator (50 L units) .....	942210
39	Preheating radiator (80 units) .....	942220
40	Front resistor bracket .....	3429500
41	Connection box (balance potentiometer 951128 inside) .....	952067

