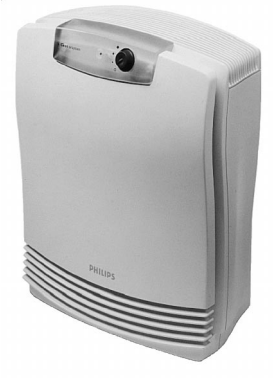
Air Cleaner

HR 4320/A
HR 4320/B

Service
Service
Service



Philips Domestic Appliances and Personal Care

ServiceManual

Service Manual 4822 729 21614 herewith cancells.

PRODUCT INFORMATION

GENERAL

The HR 4320 is suitable for rooms / areas with a floor surface of up to approx. 30 m^2.
The aircleaner purifies the air effectively by catching up to 99% of the airborne particles.

This is done by 3 filters :

Foam pre - filter	:	The foam pre - filter catches the larger dust particles floating in the air, such as fluff and hairs.
ROTA filter	:	The ROTA filter takes out the particles of 2 microns and more (e.g. pollen).
HEPA filter HR4920	:	This filter takes out all the remaining smaller particles.

Product meets the requirements regarding interference suppression on radio and T.V.

FEATURES

Filter full indicator: Indicates that the filter has to be replaced. This has to be done when the white part of the indicator has turned pink like the other (pink) half.

Speed control: With 3 speed settings.

Safety lock: Prevents the customer from opening the front cover whilst the air cleaner is switched on.
The front cover can only be opened, if the switch has been set to the "0" position.

Over heating safety device: The overheating safety device comes into operation when the motor becomes too hot. To indicate that the appliance is still in "ON" position and connected to the mains, the pilot light remains on.
If this happens :
- Switch off the motor.
- After approx. 15 min. the air cleaner can be switched on again.

TECHNICAL DATA

Voltages	:	100 Volt	: 70 Watts
		110 - 120 Volt	: 70 Watts
		220 - 240 Volt	: 70 Watts
Filters	:	2 HEPA filters HR4920	
Life time HEPA filters	:	Max. 6 months	
Flow rate	:	150 m^3/hr	
TotaL filter surface	:	1 m^2	
Room / area size	:	Max. 30 m^2	

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4822 729 21807
97/03
PCS 88 609

PHILIPS

POSSIBLE COMPLAINTS

Important, for HR4320/A only.
Only the front cover of the HR4320/B version is available. In case the front cover of the HR4320/A version has to be replaced, the pre-filter, item 3, has to be replaced too.

1) The motor makes an irritating noise.

Check if : – The HEPA filters are positioned properly in the air cleaner.
: – The filters have to be cleaned or replaced.
: – The ROTA filter and / or fan have been properly fitted and can be rotated freely by hand.

For HR4320/A only.
If the motor still makes an irritating noise after the above checks, the AIR CLEANER should be replaced by the HR4320/B.

2) The overheating device comes into operation.

Check : If the filters are not blocked and nothing is obstructing the air inlet and air outlet openings.
: That the ROTA filter and / or fan have been fitted properly and can be rotated freely by hand.

In case the problem still remains, replace motor (item 13.0) and belonging buffers (item 13.1).

MAINTENANCE

Pre-filter : Wash or vacuum clean the foam pre-filter at least every 2 months. Fluff and /or hairs can also removed by using a soft brush.
Replacement filters of the HR4320/A version are available under service code 4822 480 10088
Replacement filters of the HR4320/B version are available under service code 4822 480 10116
NEVER USE WET FILTERS.

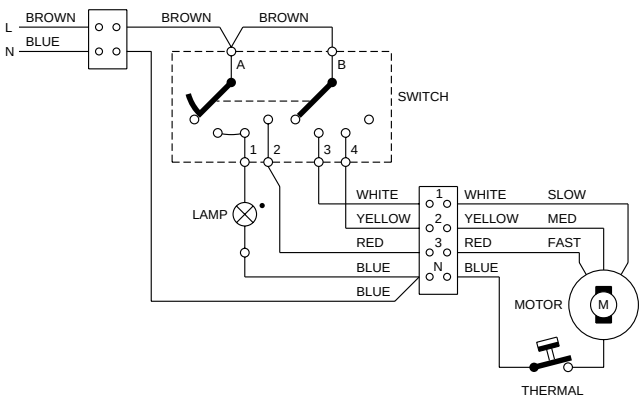
ROTA filter: Wash or vacuum clean the ROTA filter at least every 2 months.
If washed with a detergent, rinse the filters with clean warm water and allow the filters to dry in the air thoroughly before reassembly.
NEVER USE WET FILTERS.
Replacement ROTA filters are available under service code 4822 480 10089

HEPA filter : For a proper operation replace these filters at least every six months.
Replacement HEPA filters are available under type number HR 4920 and service code 4822 480 10087.

PARTS LIST HR 4320/A/B

POS	DESCRIPTION			SERVICE CODE
1	FRONT COVER			4822 442 00121
2	HEPA FILTER HR4920			4822 480 10087
3	FOAM PRE-FILTER HR4320/A			4822 480 10088
	FOAM PRE-FILTER HR4320/B			4822 480 10116
4	CONTROL PANEL			4822 466 10865
5	SWITCH KNOB			4822 410 10261
	containing :	switch knob	5	
		spring	101	
6	SAFETY LOCK			4822 417 11271
	containing :	safety lock	6	
		spring	102	
7	PILOT LAMP 220 - 240 V			4822 134 10012
	PILOT LAMP 100 - 127 V			4822 134 10013
	containing :	lamp	7	
		lamp cover	103	
8	SWITCH			4822 273 10304
9	AIR OUTLET			4822 458 10464
10	FRONT HOUSING			4822 441 11658
	consisting of :	front housing	10	
		hole plug	105	
		safety grill	106 2x	
		foot	107 2x	
11	ROTA FILTER			4822 480 10089
12	FAN			4822 361 10783
	containing :	fan	12	
		lock washer	108	
		washer	109	
		nut M6	110	
		nut cover	111	
13.0	MOTOR 220 - 240 V			4822 361 10784
	MOTOR 110 - 120 V			4822 361 10785
	MOTOR 100 V			4822 361 10786
13.1	SET BUFFERS			4822 310 10648
	containing:	rubber buffers	112 3x	
		metal bracket	113 3x	
		bush	115 3x	
14	REAR HOUSING			4822 441 11659
	consisting of:	rear housing	14	
		foot	107 2x	
15	REAR COVER			4822 442 00122

N.B. PARTST, WITH NUMBERS FROM 100 UPWARDS, CANNOT BE ORDERED SEPARATELY.



CIRCUIT DIAGRAM

DISASSEMBLY ADVICE

CONTROL PANEL 4

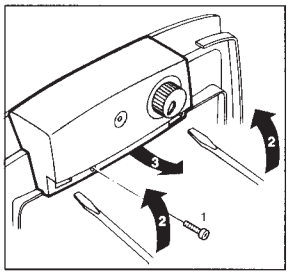
SWITCH KNOB 5

SAFETY LOCK 6

PILOT LAMP 7

SWITCH 8

remove **Screw A-1**
remove **Panel 4**



FRONT HOUSING 10

ROTA FILTER 11

FAN 12

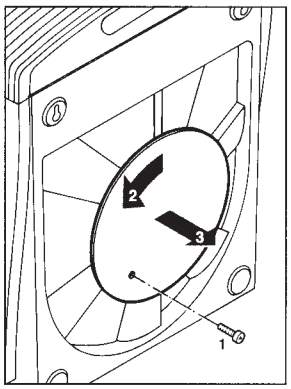
MOTOR 13

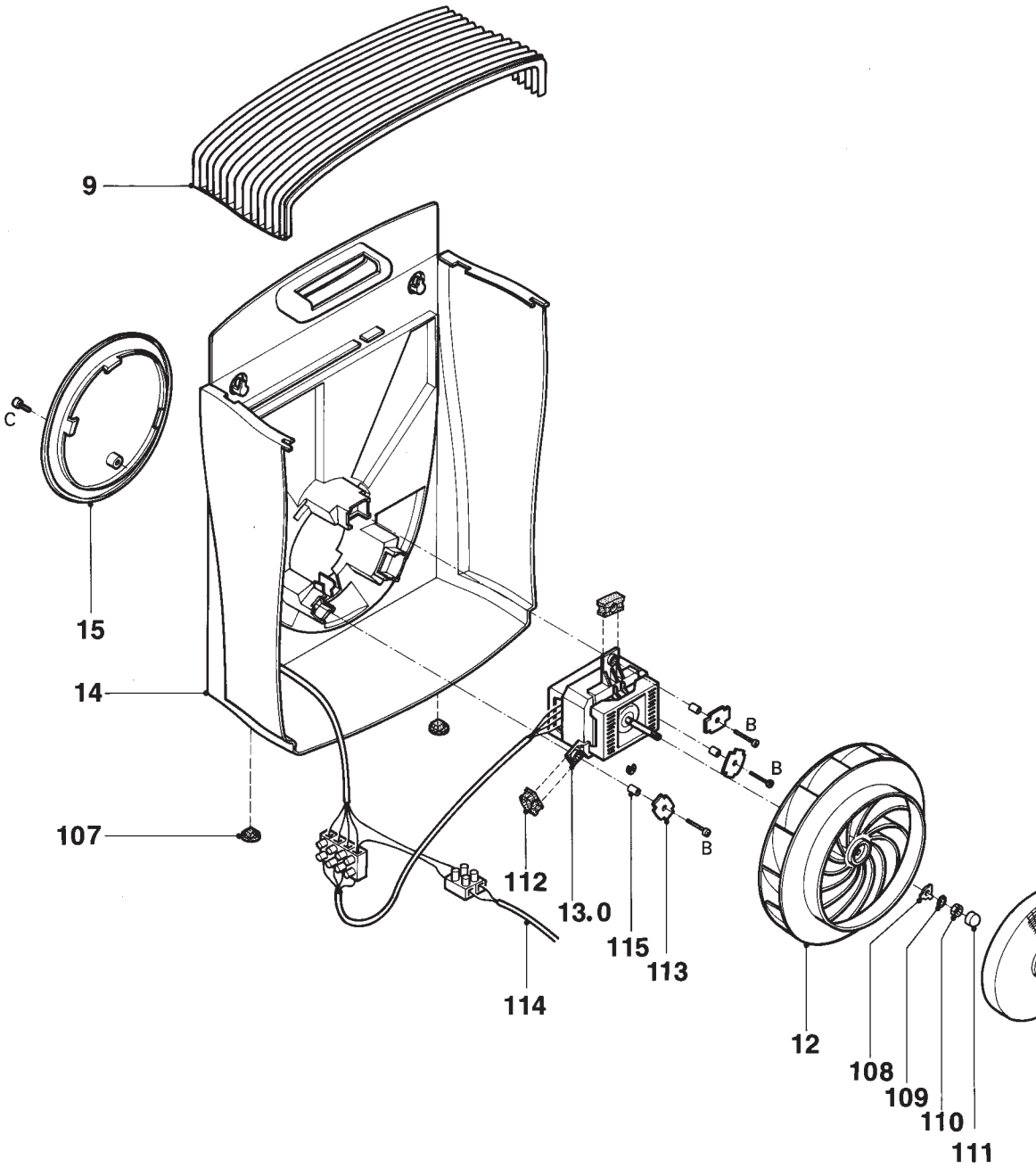
remove **Front cover 1**
remove **Screw A (4 x)**
remove **Screw A-1**
remove **Panel 4**
remove **Screw A-2**
remove **Front housing 10**

CORDSET 114

REAR COVER 15

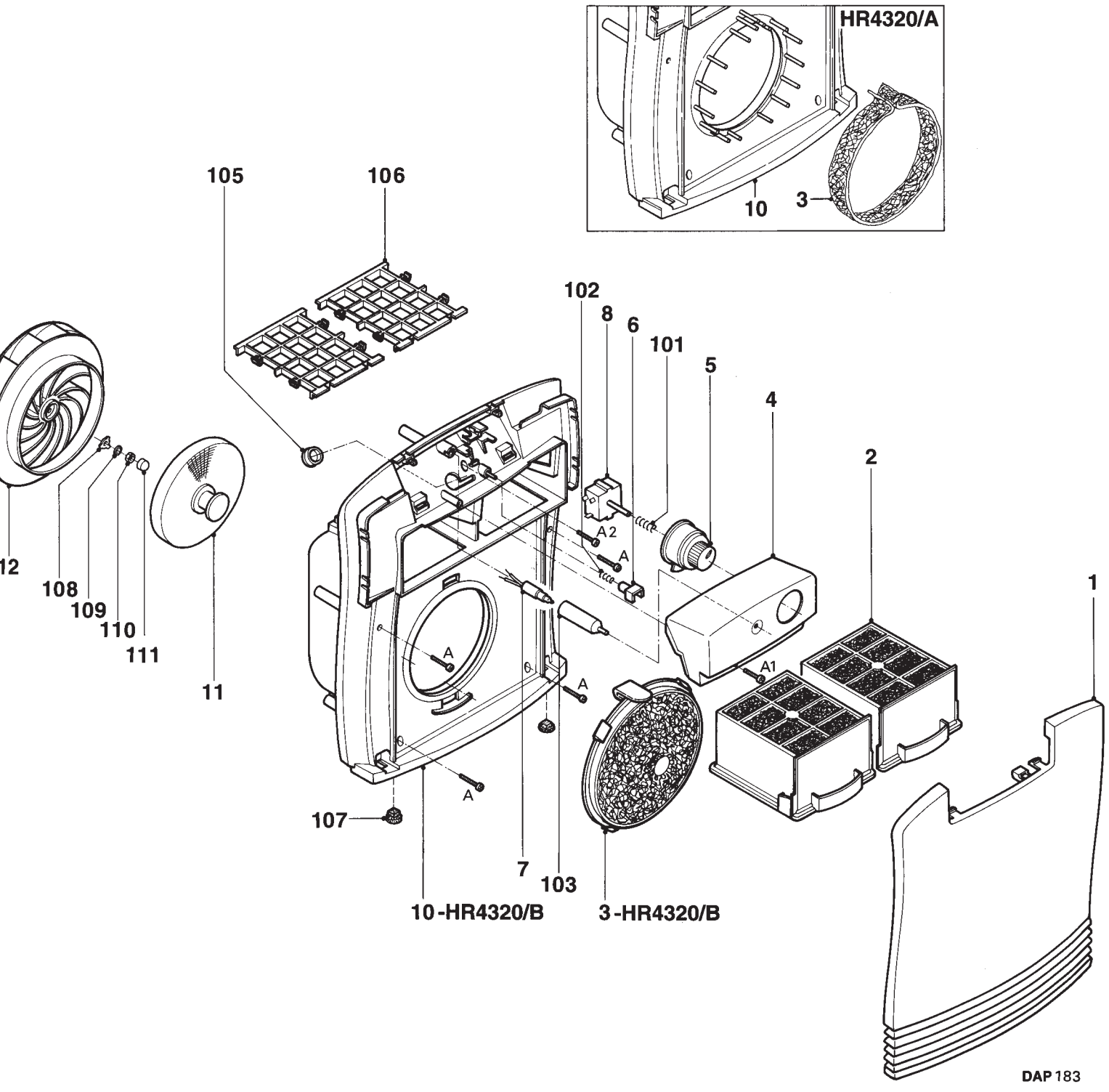
remove **Screw C**
remove **Cover 15**





NOTE : AFTER THE PRODUCT HAS BEEN REPLACED, IT SHOULD FUNCTION PROPERLY AND HAS TO MEET THE SAFETY REQUIREMENTS AND LEGAL REGULATIONS AS LAID DOWN AND ESTABLISHED AT THIS MOMENT.

SCREWS : A, A-1, A-2 : 3.5 x 16 (6x)
B : 3.5 x 25 (3x)
C : 3.5 x 16 TRI-WING


HR4320/A
10
3
105
106
102
8
6
101
5
4
2
1
12
108
109
110
111
11
A2
A
A1
107
7
103
10-HR4320/B
3-HR4320/B
DAP 183