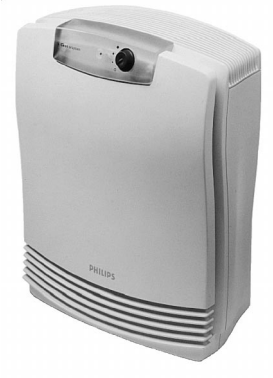
Air Cleaner

HR 4330/A
HR 4330/B
HR 4330/C

Service
Service
Service

Service Information



Philips Domestic Appliances and Personal Care

ServiceManual

Service Manual 4822 729 21615 herewith cancells.

PRODUCT INFORMATION

GENERAL

The HR 4330 is suitable for rooms / areas with a floor surface of up to approx. 50 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	: 80 Watts
		110 - 120 Volt	: 80 Watts
		220 - 240 Volt	: 80 Watts
Filters	:	3 HEPA filters HR4920	
Life time HEPA filters	:	Max. 6 months	
Flow rate	:	270 m^3/hr	
TotaL filter surface	:	1.5 m^2	
Room / area size	:	Max. 50 m^2	

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4822 729 21808
97/03
PCS 88 612

PHILIPS

POSSIBLE COMPLAINTS

Important, for HR4330/A only.
Only the front cover of the HR4330/B/C version is available. In case the front cover of the HR4330/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 HR4330/A only.
If the motor still makes an irritating noise after the above checks, the complete product should be replaced by the HR4330/B or /C version.

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 properly fitted 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 HR4330/A version are available under service code 4822 480 10088
Replacement filters of the HR4330/B and HR4330/C 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 4330/A/B/C

POS	DESCRIPTION				SERVICE CODE
1	FRONT COVER				4822 442 00117
2	HEPA FILTER HR4920				4822 480 10087
3	FOAM PRE-FILTER HR4330/A				4822 480 10088
	FOAM PRE-FILTER HR4330/B/C				4822 480 10116
4	CONTROL PANEL				4822 466 10863
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 10465
10	FRONT HOUSING				4822 441 11655
	consisting of :	front housing	10		
		hole plug	105		
		safety grill	106	3x	
		foot	107	2x	
11	ROTA FILTER				4822 480 10089
12	FAN				4822 361 10774
	containing :	fan	12		
		lock washer	108		
		washer	109		
		nut M6	110		
		nut cover	111		
13.0	MOTOR 220 - 240 V	HR4330/A/B			4822 361 10775
	MOTOR 110 - 127 V	HR4330/A/B			4822 361 10776
	MOTOR 100 V	HR4330/A/B			4822 361 10777
13.0	MOTOR 220 - 240 V	HR4330/C			4822 361 10779
	MOTOR 110 - 127 V	HR4330/C			4822 361 10781
	MOTOR 100 V	HR4330/C			4822 361 10782
13.1	SET BUFFERS				4822 310 10648
	containing:	rubber buffers	112	3x	
		metal bracket	113	3x	
		bush	115	3x	
14	REAR HOUSING				4822 441 11661
	consisting of:	rear housing	14		
		foot	107	2x	
15	REAR COVER				4822 442 00122
16	CAPACITOR 220 - 240 V	HR4330/A/B			4822 123 14009
	CAPACITOR 110 - 127 V	HR4330/A/B			4822 123 14011
	CAPACITOR 100 V	HR4330/A/B			4822 123 14012

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

DISASSEMBLY ADVICE

CONTROL PANEL 4

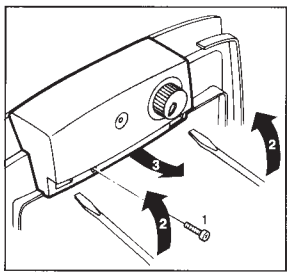
SWITCH KNOB 5

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

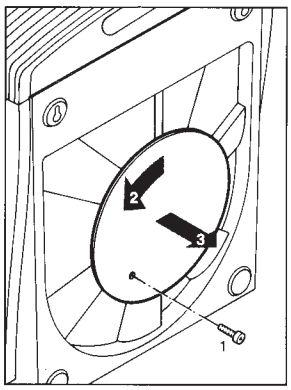
CAPACITOR 16

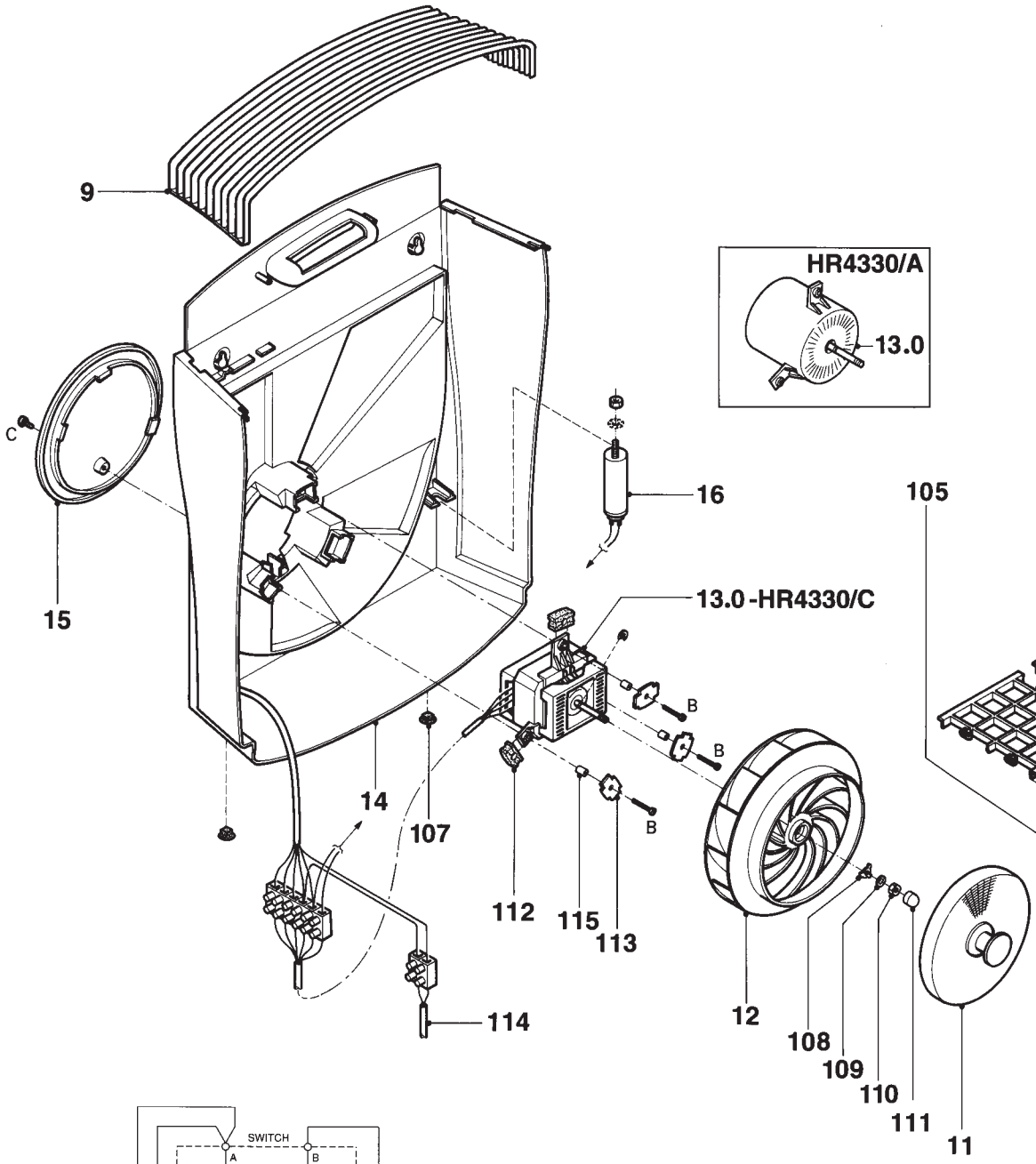
remove **Front cover 1**
remove **Screw A (4 x)**
remove **Screw A-1**
remove **Panel 4**
remove **Screw A-2**
remove **Front housing 10**

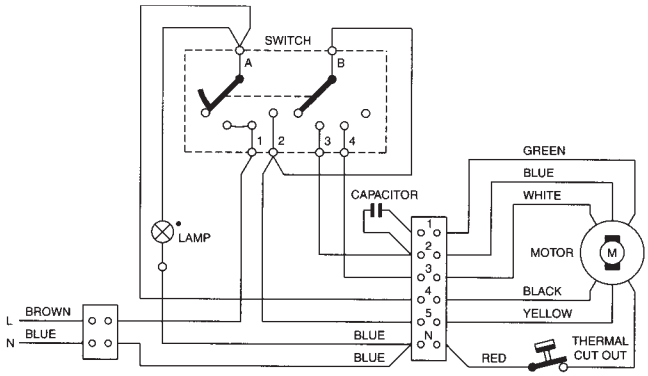
CORDSET 114

REAR COVER 15

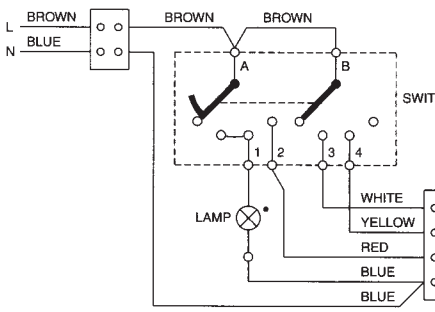
remove **Screw C**
remove **Cover 15**







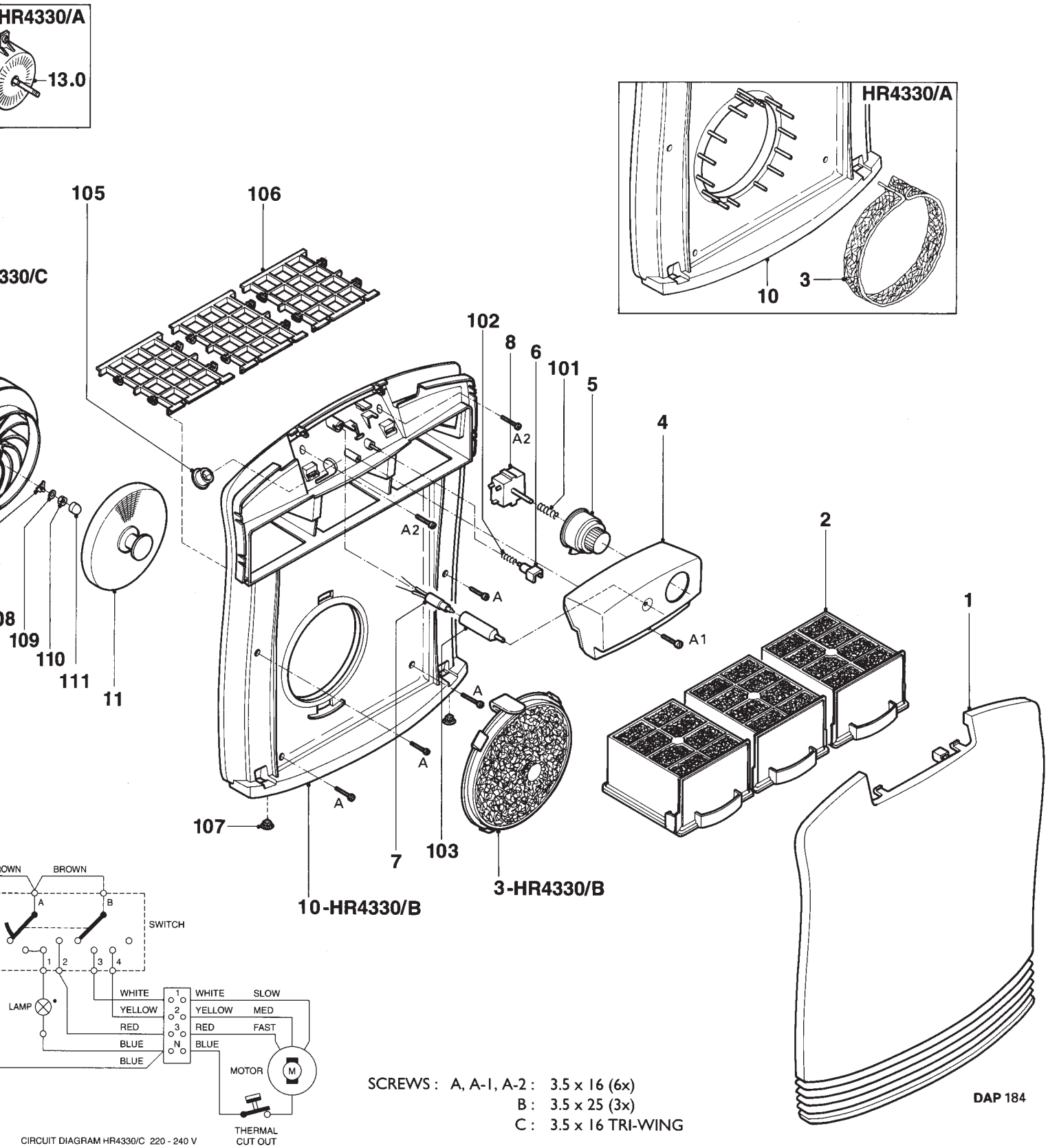
CIRCUIT DIAGRAM HR4330/A/B 220 - 240 V
HR4330/A/B/C 110 - 127 V



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.

CIRCUIT DIAGRAM HR4330/C 220 - 24

EXPLODED VIEW HR 4330/A/B/C



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

DAP 184