



Service Manual

Microwave oven

AVM 914 Raised power

Model AVM 914 AV

Version 8538 914 01101
8538 914 20101
8538 914 31101

Model AVM 914 WH

Version 8538 914 01201
8538 914 10201
8538 914 19201
8538 914 20201
8538 914 31201
8538 914 32201
8538 914 35201
8538 914 38201
8538 914 40201
8538 914 41201

Introduction safty

Technical data	4812 714 50022
Exploded view	4812 714 60025
Wiring diagram	4812 714 70018
Spare part list	4812 714 80009

INTRODUCTION

Before leaving the factory each oven is carefully checked. It must however, be installed and used correctly.

Despite all the steps taken to make the oven safe, the safety is dependent on the correct installation and the fact the user understands how to use and maintain the oven.

The information in this section should be used as a reminder that the oven is safe and that anyone who uses it must first read the instructions for use in order to be able to use the oven correctly and obtain the best results.

SAFETY

To avoid injury to yourself and damage to the appliance always work to the following rules when servicing an oven.

- Always disconnect the plug from the mains before starting work.
If there is no plug switch-off the electricity supply at the control box.
- When you have finished servicing an oven before you reconnect it to the mains, make sure that:
 - all the internal connections are correct
 - the wires are insulated and not touching the door or the cabinet or anything sharp
 - all the earth connections are electrically and mechanically sound
 - do not modify or anyway interfere with the safety devices built-in to the oven
 - make sure that each replacement part you use conforms to the manufacturer's specifications
- Do not start a repair if you have any doubt as to your ability to complete it.

CAUTION - MICROWAVE RADIATION

PERSONNEL SHOULD NOT BE EXPOSED TO THE MICROWAVE ENERGY WHICH MAY RADIATE FROM THE MAGNETRON, WAVEGUIDE OR ANTENNA IF THEY ARE IMPROPERLY USED OR CONNECTED. ALL INPUT AND OUTPUT MICROWAVE CONNECTIONS, WAVEGUIDES, FLANGES AND GASKETS MUST BE SECURE. NEVER OPERATE THE DEVICE WITHOUT A MICROWAVE ENERGY ABSORBING LOAD ATTACHED. NEVER LOOK INTO AN OPEN WAVEGUIDE OR ANTENNA WHILE THE DEVICE IS ENERGIZED. NEVER OPERATE AN OVEN WITH CABINET OFF WITHOUT MEASURING THE MICROWAVE LEAKAGE AROUND MAGNETRON AND VISIBLE MICROWAVE CONNECTIONS (WELDING JOINTS).

Do not operate the oven if the following conditions exist:

- The door does not close firmly against the door support because of the door being warped or the hinges damaged.
- The door trims or seals are damaged.
- If there is any visible damage to the oven.
- If the door does not close properly.

Avoid operating the oven if known components in the interlock system, oven door or microwave generating assembly are known defective. They must be replaced.

WARNING - HIGH VOLTAGE

IT IS POSSIBLE TO COME IN CONTACT WITH LETHAL HIGH VOLTAGE WHEN WORKING WITH HV TRANSFORMER, HV CAPACITOR, AND MAGNETRON. THEREFORE NEVER TRY TO MEASURE THE HIGH VOLTAGE. ALWAYS TAKE UTMOST CARE WHEN PERFORMING ELECTRIC MEASUREMENTS INSIDE THE OVEN.

1.	Technical Data	AVM 914 Raised power	
1.1.	Dimensions of cabinet		
	Height	332	mm
	Width	548	mm
	Depth	398	mm
1.2.	Dimensions of cavity		
	Height	225	mm
	Width	346	mm
	Depth	341	mm
1.3.	Weight		
	Net	22	Kg
	Packed	24	Kg
1.4.	Electrical		
	Voltage/ frequency	230-240 / 50	V / Hz
	Power consumption	2700	W
	Current consumption	13,4	A
1.5.	Power		
	Different food classes (7), weight setting and auto defrost, automatically calculation of a tailor-made program		
	Output power	1000	W
	Microwave frequency	2450	MHz
1.6	Grill		
	Output grill	1100	W
1.7	Cavity volume	26,55	l
	Turntable diameter	320	mm
1.8.	Timer	90	min

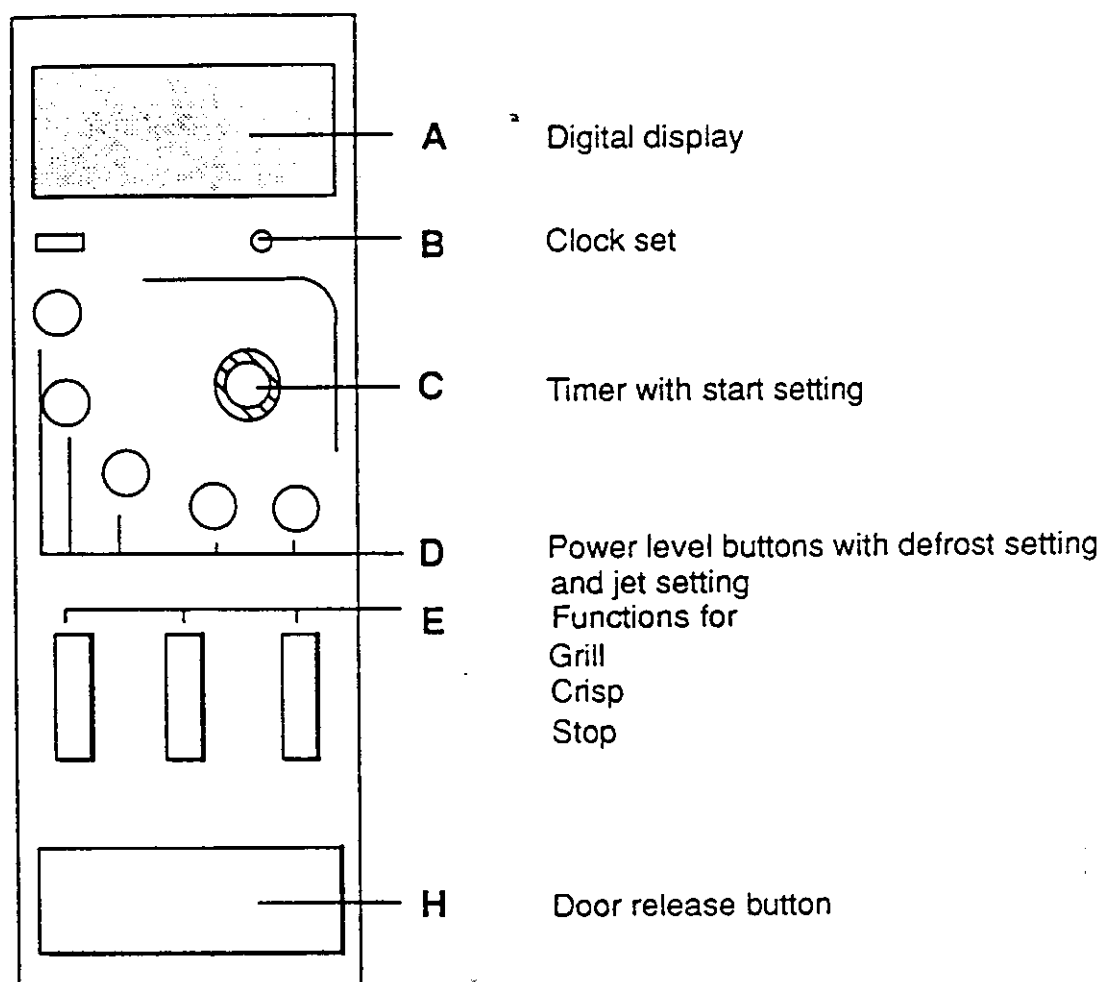
1.9. Accessories

Built in kit (optional)

Crisp plate (optional)

Low grill grid (optional)

Operation panel



Date

20.11.92

Spare part list for MICROWAVE OVEN RAISED POW

Spare part list No.

4812 714 80009

Model

AVM 914 AV

AVM 914 WH

AVM 914 BL

Type

1

2

3

Pos. No.	Spare Part No.	Denomination	Type
000 1	4819 453 49205	Recipe guide not shown optional	1,2,3
000 2	4819 464 18111	Chassis air guide not shown	1,2,3
002 0	4819 440 59112	Wrapping WH	2,3
002 0	4819 440 59113	Wrapping AV	1
002 1	4819 492 68579	Clip	1,2,3
002 2	4819 466 98624	Cover	1,2,3
003 0	4819 404 78252	Bracket	1,2,3
013 0	4819 462 79423	Foot	1,2,3
100 0	4819 440 59169	Door of oven cpl. WH	2,3
100 0	4819 440 59171	Door of oven cpl. AV	1
120 1	4819 440 59111	Door inner part	1,2,3
130 0	4819 276 18194	Switch holder	1,2,3
130 1	4819 466 88919	Block small	1,2,3
141 0	4819 450 69332	Door outer glass	1,2
141 0	4819 450 69525	Door outer glass Blue Line	3
143 0	4819 459 48481	Door frame WH	2
143 0	4819 459 48483	Door frame AV	1
143 0	4819 459 48556	Door frame Blue Line	3
143 1	4819 535 98394	Pin	1,2,3
245 0	4819 458 19802	Grid high	1,2,3
245 0	4819 458 19857	Grid lower	1,2,3
246 0	4819 466 88922	Plate	1,2,3
246 1	4819 418 78841	Cover not shown optional	1,2,3
255 0	4819 466 78186	Turn table	1,2,3
264 0	4819 535 78131	Turn table bearing	1,2,3
301 0	4819 410 28492	Push button unit WH	2,3
301 0	4819 410 28494	Push button unit AV	1
302 0	4819 404 78253	Holder	1,2,3
302 1	4819 325 18027	Insulation	1,2,3
320 0	4819 453 49347	Control panel WH	2,3
320 0	4819 453 49348	Control panel AV	1
332 0	4819 410 28493	Push button AV	1
332 0	4819 410 28496	Push button WH	2,3
332 1	4819 492 58108	Spring	1,2,3
334 0	4819 413 58777	Knob WH	2,3
334 0	4819 413 58778	Knob AV	1
334 1	4819 413 38126	Knob for rotacode	1,2,3
352 0	4819 130 38058	Display	1,2,3
354 0	4819 130 38055	Led	1,2,3
354 0	4819 130 38059	Led	1,2,3
355 0	4819 280 18019	Buzzer	1,2,3
402 1	4819 466 88918	Lid for TT-Motor	1,2,3
404 0	4819 131 58019	Magnetron	1,2,3
404 1	4819 404 78269	Bracket	1,2,3
404 2	4819 462 38617	Wave guide	1,2,3
404 3	4819 462 38616	Guide	1,2,3
406 0	4819 361 18292	Motor	1,2,3
406 1	4819 532 68666	Rubber ring	1,2,3
406 2	4819 532 68665	Rubber seal	1,2,3
412 0	4819 145 78147	HT Transformer	1,2,3
412 1	4819 462 38615	Guide	1,2,3
420 0	4819 121 48016	Capacitor	1,2,3

Subject to modification

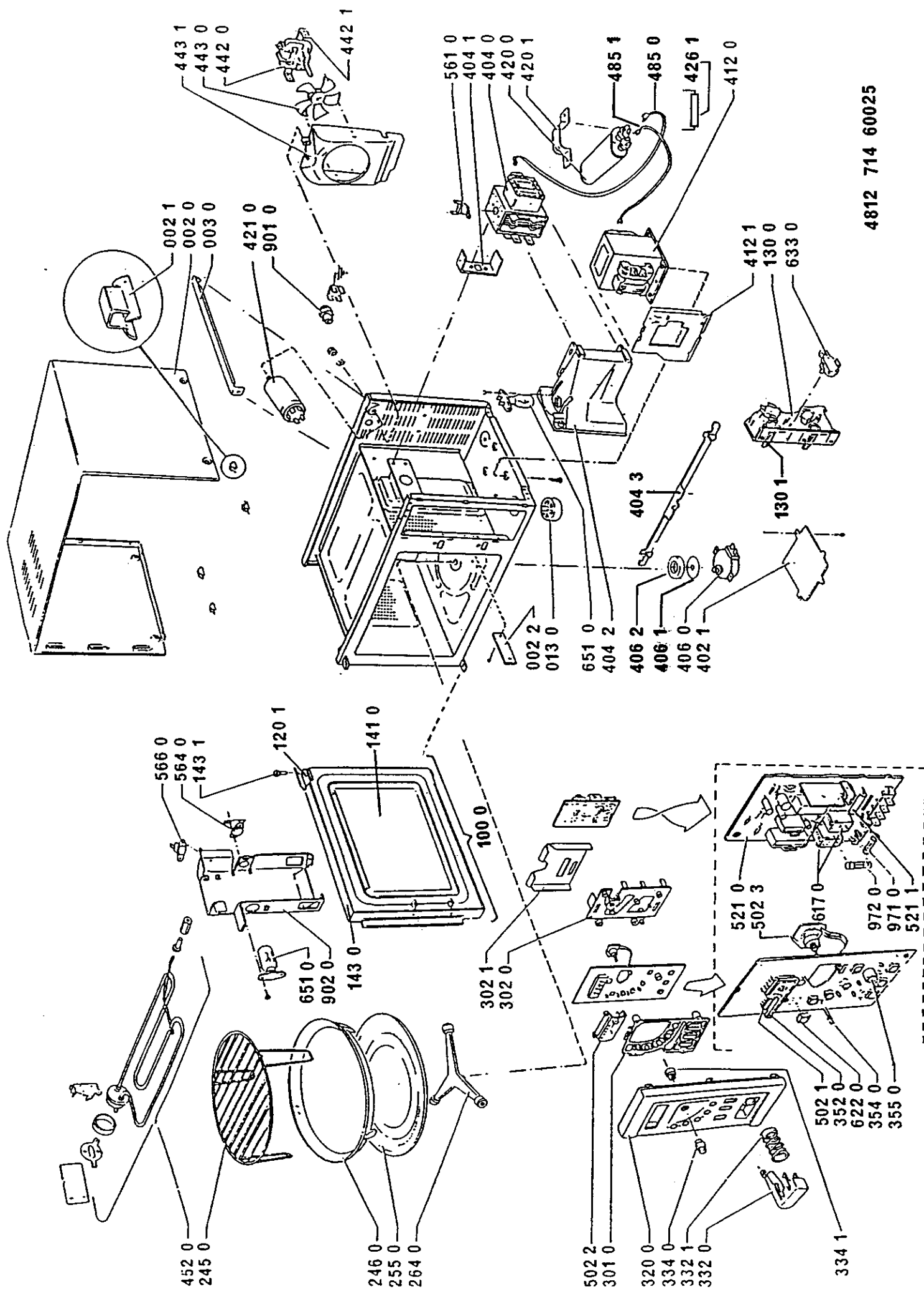
Model
Type

AVM 914 AV
1

AVM 914 WH
2

AVM 914 BL
3

Pos. No.	Spare Part No.	Denomination	Type
420 1	4819 401 18678	Clamp	1,2,3
421 0	4819 121 18162	Mainsfilter	1,2,3
426 1	4819 218 38038	Diode	1,2,3
442 0	4819 361 18291	Motor fan	1,2,3
442 1	4819 404 78251	Bracket	1,2,3
443 0	4819 515 28197	Fan wheel	1,2,3
443 1	4819 462 38614	Guide	1,2,3
452 0	4819 259 28664	Grill element	1,2,3
485 0	4819 321 28074	Cable ht	1,2,3
485 1	4819 320 28011	Cable ht	1,2,3
485 2	4819 466 98742	Spacer paper not shown	1,2,3
490 0	4819 321 18129	Cable mains not shown	1,2,3
502 1	4819 209 88028	Microprocessor	1,2,3
502 2	4819 466 78187	Display glass	1,2,3
502 3	4819 101 48072	Potentiometer	1,2,3
521 0	4819 214 78378	Control unit	1,2,3
521 1	4819 113 88001	Resistor	1,2,3
521 2	4819 280 18018	Resonator not shown	1,2,3
521 3	4819 148 68059	Transformer not shown	1,2,3
561 0	4819 282 48205	Thermostat	1,2,3
564 0	4819 282 28533	Protection motor	1,2,3
566 0	4819 282 48217	Thermostat grill	1,2,3
617 0	4819 280 68295	Relay	1,2,3
622 0	4819 271 38115	Switch	1,2,3
633 0	4819 271 38106	Microswitch	1,2,3
651 0	4819 134 88151	Lamp	1,2,3
901 0	4819 401 18512	Cable clam	1,2,3
902 0	4819 466 88921	Plate	1,2,3
971 0	4819 253 38019	Fuse T8A	1,2,3
972 0	4819 253 38006	Fuse 100mA	1,2,3



4812 714 60025

