

CONTENDER

STEP UP TO THE PLATE



CONTENDER 400MM BASKET GLASS WASHER

DMG010



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I. GENERAL INFORMATION

BEFORE INSTALLING THE APPLIANCE, PLEASE READ THE MANUAL ESPECIALLY THE INSTALLATION, OPERATION AND MAINTENANCE INSTRUCTIONS CAREFULLY. WRONG INSTALLATION, PART CHANGING MAY DAMAGE THE PRODUCT, MAY CAUSE INJURY ON PEOPLE AND MAY INVALIDATE THE WARRANTY.

THIS ITEM IS HEAVY AND MUST ONLY BE MOVED WITH MECHANICAL AIDS.

BEFORE INSTALLING THE PRODUCT INSPECT THE DISHWASHER FOR ANY DAMAGE AND REPORT IMMEDIATELY TO THE SUPPLIER.

ECATERING WILL NOT BE HELD RESPONSIBLE FOR INTENTIONAL DAMAGE TO THE APPLIANCE, NEGLIGENCE, NOT FOLLOWING INSTRUCTIONS (MISUSE) AND REGULATIONS, INCORRECT INSTALLATION. INCORRECT INSTALLATION AND OPERATION OF THE APPLIANCE MAY INVALIDATE THE WARRANTY.

1. THIS INSTRUCTION MANUAL SHOULD BE KEPT IN A SAFE PLACE FOR FUTURE REFERENCE.
2. INSTALLATION SHOULD BE MADE BY A QUALIFIED ENGINEER WHO IS A CERTIFIED ELECTRICIAN. ECATERING STRONGLY RECOMMEND CORRECT INSTALLATION BY A QUALIFIED ENGINEER TO BE SURE TO PROTECT THE WARRANTY.
3. THIS APPLIANCE HAS TO BE USED BY A COMPETENT PERSON.
4. PLEASE TURN OFF THE APPLIANCE IMMEDIATELY IN THE EVENT OF MALFUNCTION OR FAILURE. THE APPLIANCE SHOULD BE REPAIRED ONLY BY AUTHORISED SERVICE PERSONNEL. PLEASE USE ONLY ORIGINAL SPARE PARTS TO ENSURE THE MAXIMUM EFFECTIVENESS OF THE WASHER.

2. PRODUCT DESCRIPTION

*THE PROFESSIONAL GLASSWASHER, THAT PROVIDES HIGH EFFICIENCY HAS BEEN DESIGNED TO BE USED IN INDUSTRIAL KITCHENS.

PRODUCT CODE	DIMENSIONS (MM)	WEIGHT (KG)	PACKAGING DIMENSIONS (MM)
DMGOIO	480 X 580 X 720	43	500 X 630 X 870

3. TECHNICAL INFORMATION

PRODUCT CODE	DMGOOI
CAPACITY (GLASS/H)	1000
BASKET DIMENSIONS (MM)	400 X 400
TOTAL POWER (KW)	2.55
OPERATING VOLTAGE (V)	220-230
WATER PRESSURE (BAR)	2-4
PROGRAM TIME (MIN)	3
CABLE (MM ²)	3 X 2.5
FUSE (A)	13

4. TRANSPORTATION

THIS APPLIANCE CAN NOT BE MOVED BY HAND FROM AREA TO AREA. IT MUST BE MOVED USING THE APPROPRIATE MECHANICAL EQUIPMENT.

5. UNPACKING

PLEASE UNPACK THE APPLIANCE USING CORRECT PROTECTED BLADE PRODUCTS, BE SURE YOU HAVE BEEN SHOWN HOW TO USE BLADED PRODUCTS SAFELY. DISPOSE OF PACKAGING APPROPRIATELY USING THE LOCAL RECYCLING FACILITIES AVAILABLE TO YOU. PARTS WHICH COME IN CONTACT WITH FOOD ARE PRODUCED IN STAINLESS STEEL. ALL PLASTIC PARTS ARE MARKED BY MATERIAL'S SYMBOL. PLEASE CHECK THAT ALL THE PARTS OF APPLIANCE ARE INCLUDED AND THE PRODUCT IS HAS NOT BEEN DAMAGED DURING THE SHIPPING.

6. INSTALLATION

-  PLEASE PLACE THE PRODUCT ON LEVEL AND STURDY GROUND, PLEASE TAKE NECESSARY STEPS TO ENSURE THE APPLIANCE IS LEVEL AND THERE IS NO POSSIBILITY OF OVERTURNING.
-  THE TECHNICIAN WHO IS TO INSTALL AND SERVICE THE APPLIANCE MUST BE A QUALIFIED ELECTRIAN AND BE ABLE TO SUPPLY A CERTIFIED CERTIFICATE OF INSTALLATION.
-  THE CONNECTION TO THE ELECTRIC POWER SUPPLY MUST BE COMPLETED BY AN AUTHORISED PERSON.
-  PLEASE BE SURE THAT THE VOLTAGE CONNECTED TO APPLIANCE MUST BE EQUAL WITH THE VOLTAGE WHICH IS ON THE APPLIANCE'S LABEL.



THIS APPLIANCE MUST BE CONNECTED TO AN EARTHED ELECTRICAL SUPPLY. THE MAIN FUSE CONNECTION MUST BE TESTED TO ENSURE SUITABLE ELCTRICAL SUPPLY IS AVAILABLE IN THE BUIDLING AND THAT CAPACITY FOR THE WASHER IS AVAILABLE.

7. SAFETY INSTRUCTIONS

-  DO NOT USE THE APPLIANCE IN INSUFFICIENT LIGHTED PLACE.
-  DO NOT TOUCH THE MOVING ATTACHMENTS WHILE THE APPLIANCE OPERATES.
-  DO NOT INSTALL THE APPLIANCE IN THE PRESENCE OF FLAMMABLE OR EXPLOSIVE MATERIALS.
-  DO NOT USE WITH THE LOADING DOOR OPEN.
-  DO NOT LOAD MORE THAN APPLIANCE'S CAPACITY.
-  DO NOT ATTEMPT TO USE THE APPLIANCE OR LOAD THE DETEGENT AND RINSE LIQUIDS WITHOUT SUITABLE PROTECTIVE WEAR, (I.E. GLOVES, SAFETY GLASSES)
-  BECAUSE OF ANY REASON IF THERE IS A FIRE OR FLAME FLARE WHERE THE APPLIANCE IS USED,TURN OFF ALL GAS VALVES AND ELECTRIC CONTACTOR SWITCH QUICKLY AND USE FIRE EXTINGUISHER. NEVER USE WATER TO EXTINGUISH THE FIRE.
-  NEVER OVERRIDE SAFETY SWITCHES



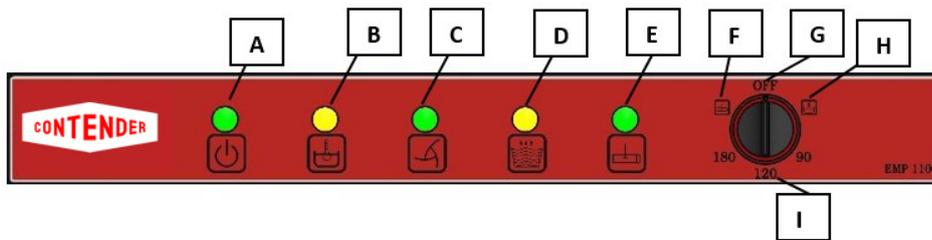
ALL THE DAMAGES BECAUSE OF NOT HAVING EARTHING CONNECTION WILL NOT BE ON WARRANTY.



DO NOT WASH THE DECORATED DISHES. PREVENT SILVER WARE TO COME INTO CONTACT WITH THE OTHER METALS.

8. OPERATION

*CONTROL PANEL;



- A: APPLIANCE ON LAMP
- B: WATER HEATED LAMP
- C: WASHING LAMP
- D: WATER FILLING/RINSING
- E: DAMAGE LAMP
- F: DAMAGE POSITION
- G: APPLIANCE OFF POSITION
- H: WATER INLET
- I: WASHING PROGRAM

OPERATING;

- CHANGE THE WATER THAT IS IN WATER TANK 3 TIMES IN A DAY.
- BEFORE PUTTING THE GLASSES IN TO THE APPLIANCE, IT IS ADVISED TO PREWASH WITH COLD OR WARM WATER WITHOUT USING ANY DETERGENT.
- TURN ON WATER SOURCE VALVE.
- PLUG IN THE APPLIANCE.
- IN ORDER TO REMOVE ANY RESIDUE THAT REMAINS IN THE STORAGE TANK OR PIPES, OPERATE THE APPLIANCE WHEN IT IS EMPTY.
- TURN THE DISHWASHER ON AS SOON AS THE OPERATOR STARTS IN THE MORNING ENSURING THAT THERE IS ENOUGH TIME FOR THE WATER TO HEAT, DEPENDING ON THE MODEL THE WATER TANK COULD TAKE UPTO 45-50 MINUTES TO HEAT COMPLETELY.
- IN ORDER TO OPERATE THE APPLIANCE SWITCH TO H 'WATER INLET' POSITION. WHEN THE "WATER HEATED LAMP" IS ON, IT INDICATES THAT THE WATER IS HEATED AND THE DISHWASHER IS READY TO START.
- OPEN THE FRONT LOADING DOOR AND PUT ENOUGH DETERGENT INTO THE WATER TANK, OR IF THE DETERGENT PUMP IS FITTED ENSURE THAT THE DETERGENT PUMP IS CONNECTED TO THE DETERGENT RESERVOIR.
- PLACE THE PRE WASHED GLASSES IN BASKETS. THE BASKETS CAN NOT BE DOUBLE STACKED.
- CLOSE THE FRONT DOOR AND CHOOSE THE SUITABLE WASHING PROGRAM.(THERE ARE 3 PROGRAMED CYCLES). THE WASHING STARTS AND TEH OPERATION LAMP B,C, D OR E WILL INDICATE THE CYCLE.
- WASHING PROCESS; FOR HOT WATER AND WASHING WITH DETERGENT (MINIMUM 55°C) ,FOR RINSING WITH HOT WATER AND POLISHER (MINIMUM 75°C).
- AFTER WASHING PROCESS,THE APPLIANCE WILL START THE AUTOMATIC RINSING PROGRAM.
- AT THE END OF PROGRAM,OPEN THE LOADING DOOR AND TAKE OUT THE WASHED BASKET. PLACE ANOTHER BASKET TO BE WASHED. WAIT FOR THE "WATER HEATED LAMP TO COME ON" SELLECT THE CHOSEN WASH CYCLE THE MACHINE WILL NOW GO THROUGH THE WASHING AND RINSING PROCESS FOR THE CHOSEN PROGRAM.
- IN ORDER TO STOP THE WASHING CYCLE,OPEN THE DOOR WHEN THE SWITCH IS AT 'WASHING' POSITION.
- IN ORDER TO GO ON WASHING, CLOSE THE DOOR WHEN THE SWITCH IS AT 'WASHING' POSITION.
- THE APPLIANCE'S INDICATOR LAMP SIGNALS TO COMPLETE WASHING PROCESS.OPEN THE LID AND TAKE OFF THE BASKET THAT INCLUDES WASHED GLASSES.

9. CLEANING & MAINTENANCE

CLEANING AND MAINTENANCE AFTER EVERY USE

- ECATERING RECOMMEND THAT THE WASHER IS CLEANED DAILY
- DRAIN THE WATER BY REMOVING THE TRAY AND LOCATE THE ROUND PLUG JUST SHOWING OUT OF THE WATER. PHYSICALLY LIFT AND REMOVE IT. ONCE REMOVED DRAIN THE WATER BY TURNING THE SWITCH TO THE 'F' POSITION.
- ALWAYS ISOLATE THE ELCTRICAL SUPPLY TO THE APPLIANCE AND DISCONNECT FROM THE POWER SUPPLY BEFORE CLEANING.
- NOW THE TANK IS EMPTY, REMOVE ANY RETAINED DEBRIS AND CLEAN THE TANK WITH CLEAN SOAPY WATER.
- CLEAN ALL SURFACES OF THE APPLIANCE WITH HOT SOAPY WATER. RINSE AND DRY WITH A DAMP CLOTH.
- CLEAN THE CONTROL PANEL WITH SOFT DAMP CLOTH, IF NECESSARY USE A LIGHT DETERENT.
- DO NOT USE ABRASIVE CLEANING CHEMICALS AS THESE CAN LEAVE HARMFUL RESIDUES.
- DO NOT CLEAN THE APPLIANCE BY SPRAYING WATER DIRECTLY, OTHERWISE ELECTRIC MOTOR MAY GET DAMAGED.

PERIODIC CLEANING AND MAINTENANCE

- ALL MAINTENANCE SHOULD BE CARRIED OUT BY A QUALIFIED PERSON.
- CLEAN ANY LIME RESIDUE FROM THE BURNER, INNER SURFACE OF THE WASHING TANK AND WATER PIPES ONCE OR TWICE IN A YEAR.
- **IF LIME IS FOUND REGULARY THEN YOU SHOULD BE USING A WATER SOFTENER. PERSISTENT LIME WILL DAMAGE THE WASHER. CLEAN THE LIME WITH USING RINSING AND WASHING NOZZLES ONCE IN A MONTH BY USING VINEGAR OR LIME REMOVER. BE SURE TO WEAR APPROPRIATE PPE (GLOVES AND PROTECTIVE GLASSES)**
- CLEAN THE FILTERS IN THE APPLIANCE ONCE IN A WEEK. AFTER CLEANING BE SURE THAT THE FILTERS ARE SECURED BACK IN POSITION.
- CLEAN THE APPLIANCE'S FOUNTAINS ONCE IN 15 DAYS BY DETACHING IT.
- CLEAN THE APPLIANCE'S DRAINAGE PLUG AND DRAINAGE HOSES ONCE IN 15 DAYS.

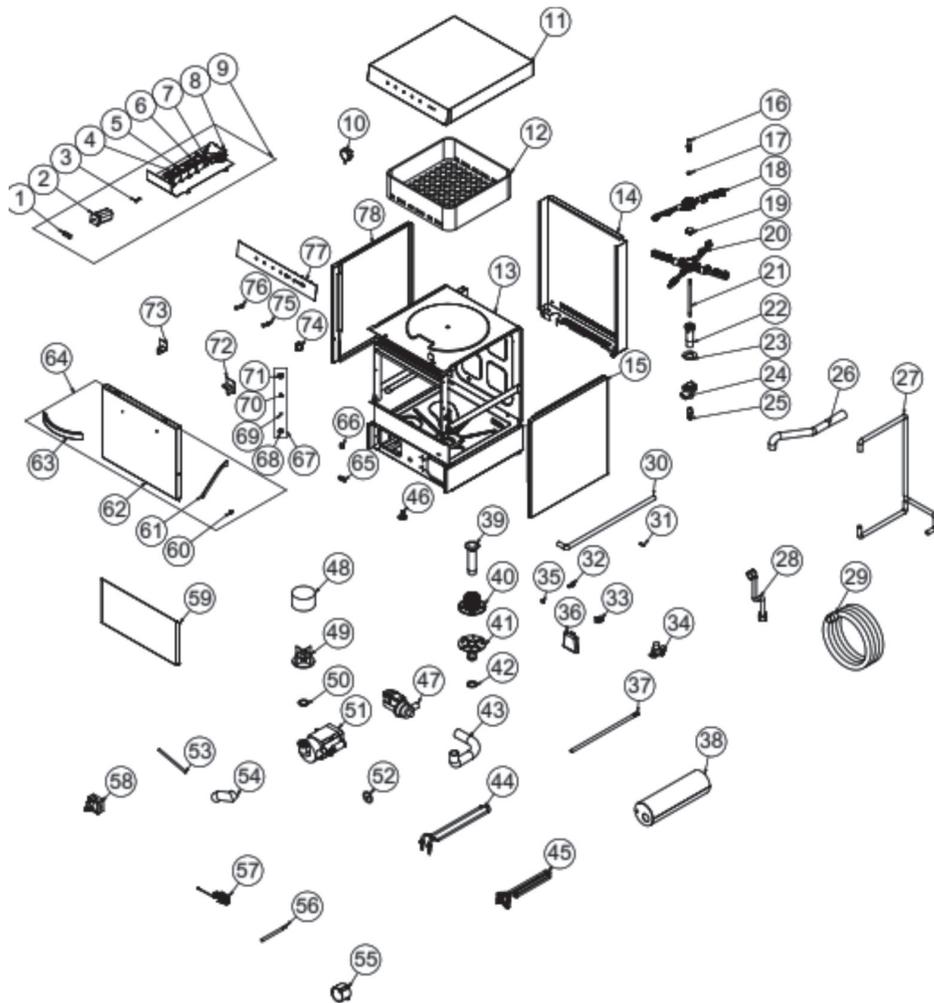
IO. TROUBLESHOOTING

GLASSES ARE NOT WASHED WELL	<ul style="list-style-type: none"> - CLEAN THE ABSORPTION FILTER IF IT IS DIRTY. - CHECK THE FOUNTAINS IF THEY ARE ACCUMULATED WITH RESIDUES OR NOT. - CHECK THE AMOUNT OF DETERGENT. - IF THE CHOSEN WASHING PROGRAM IS TOO LESS, REPEAT THE PROGRAM. - BE SURE THAT THE DISHES ARE PLACED CORRECTLY ON BASKETS.
GLASSES ARE NOT DRIED WELL	<ul style="list-style-type: none"> - CHECK THAT IF THERE IS POLISHER OR NOT IF NECESSARY ADD SOME. - CHECK THE AMOUNT OF POLISHER
MIST OVER ON CUPS	<ul style="list-style-type: none"> - TAKE OFF THE BASKETS AFTER WASHING..
CORROSION ON CUPS	<ul style="list-style-type: none"> - ONLY USE PRODUCTS THAT ARE NOT FOAMING FOR THE PROFESSIONAL GLASSWASHERS.
TOO MUCH FOAM AT STORAGE	<ul style="list-style-type: none"> - CHECK THE AMOUNT OF DETERGENT. - IF FOAMING DETERGENT IS USED, POUR IT AND RINSE THE STORAGE TILL THE FOAMS ARE LOST.
WASHING OR RINSING HANDLES ARE TURNING SLOWLY	<ul style="list-style-type: none"> - TAKE OFF WASHING HANDLES AND CLEAN THEM. - CLEAN THE WASHING PUMP ABSORBING FILTER.
VISCIDITY ON CUPS	<ul style="list-style-type: none"> - REDUCE THE AMOUNT OF POLISHER.
DISHWASHING IS NOT DONE AT SUITABLE QUALITY	<ul style="list-style-type: none"> - DO NOT USE THE APPLIANCE.
ANY FUNCTION OF SECURITY DOESN'T WORK	<ul style="list-style-type: none"> - DO NOT USE THE APPLIANCE.

II. FREQUENTLY ASKED QUESTIONS

HOW OFTEN DO I CHANGE THE WATER?	THERE IS NO EXACT ANSWER, IT DEPENDS ON HOW BUSY YOU ARE. YOU MAY NEED TO DO ONCE OR TWICE IN A SHIFT OR EVEN ZERO, JUST LOOK OUT FOR POTS/GLASSES COMING OUT THAT ARE NOT BEING WASHED AS WELL AS THEY WERE. YOU DO NOT NEED TO CHANGE THE WATER AFTER EVERY WASH.
WHY IS THERE SO MUCH FOAM?	IF YOU RUN THE DISHWASHER WHEN B IS NOT ILLUMINATED THE CHEMICALS WILL NOT WORK AS INTENDED AND CAUSE THE UNIT TO FOAM. YOU WILL NEED TO DRAIN THE UNIT AND GIVE IT A RINSE OUT AND REFILL IF THAT HAPPENS.
DO I NEED TO ADD SALT?	THIS UNIT DOES NOT INCLUDE A WATER SOFTENER BUILT IN. IF YOU ARE IN A HARD WATER AREA IT IS ESSENTIAL YOU GET AN EXTERNAL WATER SOFTNER.
DOES IT ALWAYS TAKE SO LONG TO HEAT UP?	THE AVERAGE TIMES GIVEN ARE BASED ON THE UNIT HAVING A COLD WATER FEED AND RUNNING ON A 13A PLUG. YOU CAN USE A WARM WATER FEED TO REDUCE TIMES BUT YOU WILL NEED A WATER SOFTENER REGARDLESS IF YOUR AREA IS A HARD WATER AREA OR NOT.

12. SPARE PART LIST-EXPLODING DRAWING

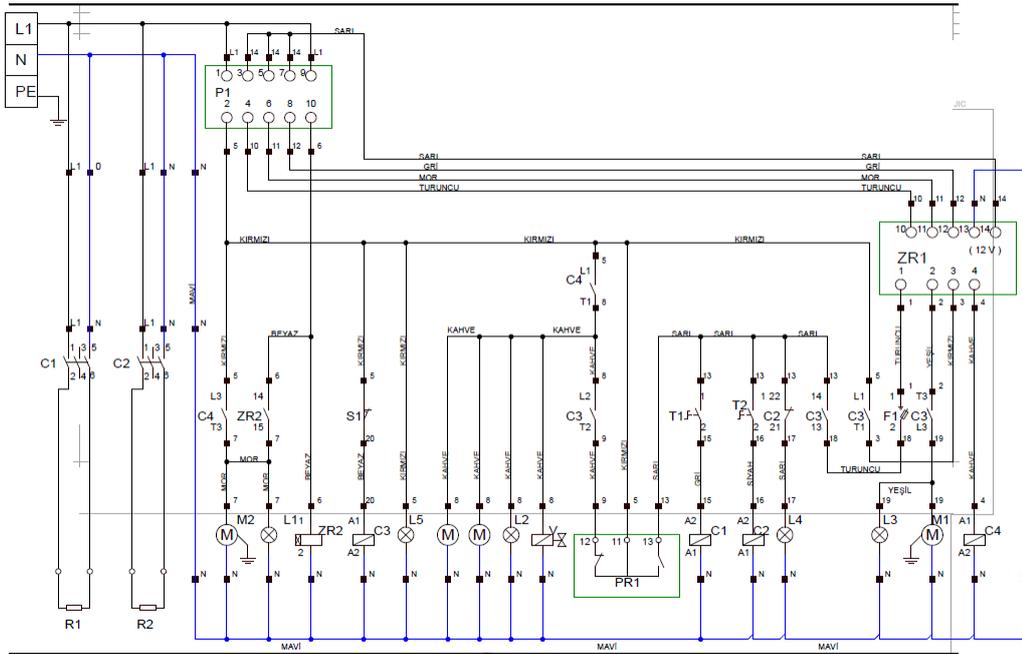


NO	PRODUCT NAME	
I	HORIZONTAL SENSOR	
2	SWITCH	
3	GLASS FUSE 5A	
4	LCIKO90IM7 CONTACTOR	
5	CONTACTOR LCIKO9IOM	
6	LCIKI2IOM7 CONTACTOR	
7	EVACUATION TIME RELAY	
8	WASH TIME RELAY	
9	ELECTRICAL PANEL GROUP	
10	PROCESTAT FLOAT	
II	TOP COVER SHEET	

12	BASKET	
13	CHASSIS	
14	BACK COVER SHEET	
15	LEFT SIDE SHEET	
16	SPINNING SPINDLE	
17	DETERGENT SEAL	
18	UPPER SPIN	
19	SPRAY SCREW	
20	BOTTOM SPIN	
21	SPRAY PIPE	
22	FOUNTAIN ARM	
23	SPRAY BOTTOM SHEET	
24	LOWER SPRAY ELBOW	
25	INLET FITTING	
26	VALVE HOSE	
27	RINSE HOSE	
28	HOSE 150CM	
29	WASTE WATER HOSE	
30	POLISHING PUMP HOSE	
31	RINSE PORT	
32	DETERGENT ENTRY PLASTIC	
33	AIR TRAP LOCATION	
34	VALVE (14 LT)	
35	DETERGENT SEAL	
36	AIR TRAP	
37	OUTPUT PIPE	
38	BOILER TANK	
39	DRAIN WEDGE	
40	FILTER COVER	
41	DISCHARGE WEDGE LOCATION	
42	FILTER GASKET	
43	BOILER HOSE	
44	TANK RESISTANCE 230V-2500W	
45	BOILER RESISTANCE-220V-2000W	
46	FOOT	
47	DRAIN PUMP	
48	FILTER	

49	FILTER LOCATION	
50	FILTER GASKET	
51	WASHING MOTOR	
52	ORING	
53	5/8 SILICONE HOSE	
54	WASHING PUMP HOSE	
55	RESISTANCE COVER	
56	THERMOSTAT PIPE	
57	THERMOSTAT 0-90°C	
58	POLISHING PUMP	
59	BOTTOM COVER SHEET	
60	SLEEVE PART	
61	TOP COVER HANDLE	
62	COVER OUTER SHEET	
63	COVER HANDLE	
64	COVER	
65	MAGNET LOCATION	
66	MAGNET	
67	COVER LOCK	
68	LOCK KIT SPRING PLACE	
69	BALL	
70	COVER LOCK SPRING	
71	LOCK BODY	
72	CORNER PLASTIC RIGHT	
73	CORNER PLASTIC LEFT	
74	SWITCH BUTTON	
75	GREEN WARNING LAMP	
76	YELLOW WARNING LAMP	
77	PANEL LABEL	
78	RIGHT SIDE SHEET	

13. ELECTRICAL CIRCUIT



PI	5 PROGRESSIVE COMMUTATOR
SI	MAGNETIC DOOR SENSOR
C1	BOİLER CONTACTOR 230V
C2	WASHİNG CONTACTOR 230V
C3	LİD CONTACTOR 230V
C4	RİNSİNG CONTACTOR 230V
PRI	PROSSESTAT
L1	START LAMP
L2	RİNSİNG LAMP
L3	WATER IS HEATED LAMP
L4	WASHİNG LAMP
L5	EVACUATION LAMP
ZRI	5 CYCLE- CYCLE RELAY (İNTER RR-5TG)
ZR2	0-240 SEC. CYCLE RELAY
V	SOLENOID VALVE 230V
FI	ZRI FUSE 500MA
T1	BOİLER THERMOSTAT (30-90°C)
T2	WASHİNG THERMOSTAT (30-90°C)
M1	WASHİNG MOTOR 0,55 KW 230V
M2	EVACUATION MOTOR 0,44 W 230V
RI	BOİLER RESİSTANCE 3000W
R2	WASHİNG RESİSTANCE 2500W
TRI	WASHİNG MOTOR SAFETY RELAY (4.2.A.)
TR2	EVACUATION HOSE SAFETY THERMIC (4.2.A.)
FI	LEAKAGE CURRENT SAFETY FUSE 32 A
M	DETERGENT PUMPS (220 V.)

DMGOIO • CONTENDER PRO COMMERCIAL GLASSWASHER WITH DRAIN PUMP, 400MM BASKET



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