

CONTENDER

STEP UP TO THE PLATE



CONTENDER 400MM BASKET GLASSWASHER

DMG010

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GENERAL INFORMATION

BEFORE INSTALLING THE APPLIANCE, READ OPERATION AND MAINTENANCE INSTRUCTIONS CAREFULLY. WRONG INSTALLATION AND PART CHANGING MAY DAMAGE THE PRODUCT OR MAY CAUSE INJURY ON PEOPLE. THESE ARE NOT IN OUR COMPANY'S RESPONSIBILITY TO DAMAGE THE APPLIANCE INTENTIONALLY, NEGLIGENCE, DETRIMENTS BECAUSE OF DISOBEYING INSTRUCTIONS AND REGULATIONS, WRONG CONNECTIONS. UNAUTHORIZED INTERVENTION TO APPLIANCE INVALIDATES THE WARRANTY.

1. THIS INSTRUCTION MANUAL SHOULD BE KEPT IN A SAFE PLACE FOR FUTURE REFERENCE.
2. INSTALLATION SHOULD BE MADE IN ACCORDANCE WITH ORDINANCES AND SECURITY RULES OF THAT COUNTRY BY A QUALIFIED SERVICE PERSONNEL.
3. THIS APPLIANCE HAS TO BE USED BY TRAINED PERSON.
4. PLEASE TURN OFF THE APPLIANCE IMMEDIATELY IN THE EVENT OF MALFUNCTION OR FAILURE. THE APPLIANCE SHOULD BE REPAIRED ONLY BY AUTHORIZED SERVICE PERSONNEL. PLEASE DEMAND ORIGINAL SPARE PART.

PRODUCT DESCRIPTION

*THE PROFESSIONAL UNDERCOUNTER TYPE DISHWASHER ,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

TECHNICAL INFORMATION

CAPACITY (GLASS / HOUR)	1000
BASKET DIMENSION (MM)	400 X 400
TOTAL POWER (KW)	3.2
OPERATING VOLTAGE (V)	220
WATER PRESSURE (BAR)	2-4
WASHING TANK POWER (KW)	2.5
PROGRAM TIME (MIN)	3
CABLE (MM ²)	3X2.5
FUSE (A)	25

TRANSPORTATION

THIS APPLIANCE CAN NOT BE MOVED BY HAND FROM AREA TO AREA.IT MUST BE MOVED ON PALLET WITH FORKLIFT TRUCK.

UNPACKING

PLEASE UNPACK THE PACKAGE ACCORDING TO THE SECURITY CODES AND ORDINANCES OF CURRENT COUNTRY AND GET RID FROM THE PACK. PARTS WHICH CONTACTS WITH FOOD ARE PRODUCED BY STAINLESS STEEL.ALL PLASTIC PARTS ARE MARKED BY MATERIAL'S SYMBOL.

PLEASE CHECK THAT ALL THE PARTS OF APPLIANCE HAD COME COMPLETELY AND IF THEY ARE DAMAGED OR NOT DURING THE SHIPPIN.

INSTALLATION

PLEASE PLACE THE PRODUCT TO STRAIGHT AND STURDY GROUND,PLEASE TAKE NECESSARY STEPS AGAINST POSSIBILITY OF OVERTURN.

TECHNICIAN WHO WILL SERVE FOR INSTALLATION AND SERVICE FOR THE APPLIANCE MUST BE PROFESSIONAL ON THIS SUBJECT AND MUST HAVE INSTALLATION AND SERVICE LICENSES.

CONNECTION TO ELECTRIC POWER SUPPLY MUST BE DONE BY AUTHORIZED PERSON.

PLEASE BE SURE THAT THE VOLTAGE CONNECTED TO APPLIANCE MUST BE EQUAL WITH THE VOLTAGE WHICH IS ON APPLIANCE'S LABEL.

THIS APPLIANCE MUST BE CONNECTED TO AN EARTHED OUTLET IN ACCORDANCE WITH SAFETY RULES AND STANDARDS. APPLIANCE'S EARTHING MUST BE CONNECTED TO EARTHING LINE ON PANEL WHICH IS NEAREST TO ELECTRIC INSTALLATION. CONNECTION TO THE MAIN FUSE AND LEAK CURRENT FUSE MUST BE DONE IN ACCORDANCE WITH THE CURRENT REGULATIONS.

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 OPERATE THE APPLIANCE WHEN THE MACHINE IS EMPTY.

DO NOT LOAD SO LESS OR MORE THAN APPLIANCE'S CAPACITY.

DO NOT ATTEMPT TO USE THE APPLIANCE WITHOUT SUITABLE PROTECTIVE EQUIPMENTS.

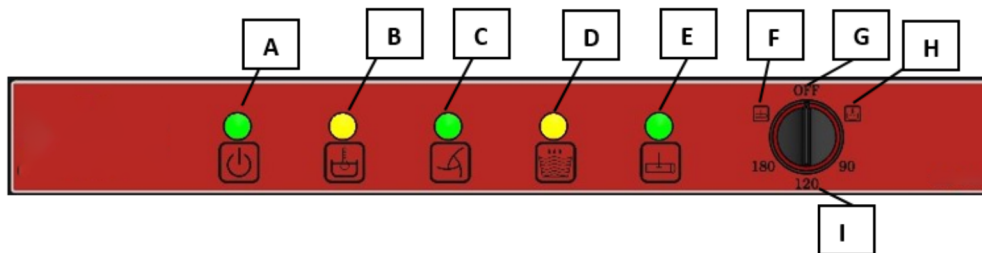
BECAUSE OF ANY REASON IF THERE IS A FIRE OR FLAME FLARE WHERE THE APPLIANCE IS USED,TURN OFF ALL GAS VALVES AND ELECTRIC CONTACTOR SWITCH QUICKLY AND USE FIRE EXTINGUISHER .NEVER USE WATER TO EXTINGUISH THE FIRE.

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

DO NOT WASH THE DECORATED DISHES.PREVENT SILVER WARES TO CONTACT WITH THE OTHER METALS.

OPERATION

CONTROL PANEL



A : Appliance ON lamp
B : Water heated lamp
C : Washing lamp
D : Water getting /rinsing
E : Evacuation lamp

F : Evacuation 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,MAKE PREWASH WITH COLD OR WARM WATER WITHOUT USING ANY DETERGENT.
- TURN ON WATER SOURCE VALVE.
- PLUG IN THE APPLIANCE.
- IN ORDER TO TAKE OFF ANY RESIDUE THAT REMAIN IN STORAGE OR PIPES,OPERATE THE APPLIANCE WHEN IT IS EMPTY.
- IN ORDER TO OPERATE THE APPLIANCE SWITCH TO 'WATER INLET' POSITION. WATER INLET LAMP SIGNALS.IT MEANS POWER IS GIVEN TO GLASSWASHER,WATER IS GIVEN AND HEATED.
- WHEN HEATING PROCESS COMPLETED, WATER HEATED LAMP SIGNALS.
- OPEN THE APPLIANCE'S LID AND PUT ENOUGH DETERGENT INTO THE STORAGE.
- PLACE THE DIRTY GLASSES TO THE BASKETS.
- CLOSE THE LID AND SWITCH TO WASHING PROGRAM.INVOLVED INDICATOR LAMP SIGNALS AND WASHING PROCESS STARTS.
- WASHING PROCESS; FOR HOT WATER AND WASHING WITH DETERGENT (MINIMUM 55°C) ,FOR RINSING WITH HOT WATER (MINIMUM 75°C).
- IN ORDER TO STOP WASHING,OPEN THE LID WHEN IT IS AT 'WASHING' POSITION.
- IN ORDER TO GO ON WASHING, CLOSE THE LID WHEN IT 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.

CLEANING & MAINTENANCE

CLEANING AND MAINTENANCE AFTER EVERY USE

- ALWAYS TURN OFF THE APPLIANCE AND DISCONNECT FROM THE POWER SUPPLY BEFORE CLEANING.
- CLEAN ALL SURFACES OF THE APPLIANCE WITH HOT SOAPY WATER AFTER EVERY USE.RINSE AND DRY WITH A WET CLOTH.
- CLEAN THE CONTROL PANEL WITH SOFT MOISTY CLOTH,IF NECESSARY USE INEFFECTIVE DETERGENT.
- 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.

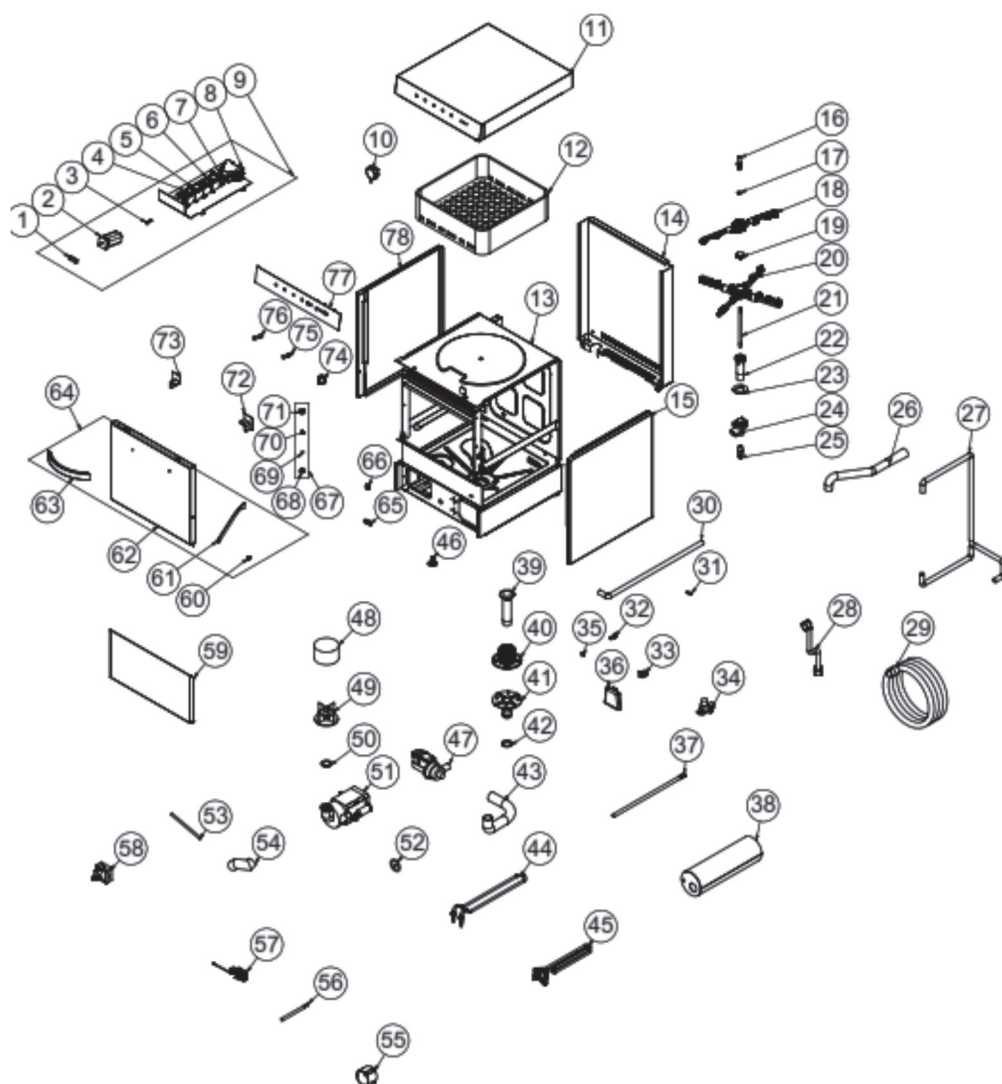
PERIODIC CLEANING AND MAINTENANCE

- MAINTENANCE SHOULD BE DONE BY QUALIFIED PERSON.
- CLEAN THE LIMES OF THE BURNER,INNER SURFACE OF THE WASHING TANK AND WATER PIPES ONCE OR TWICE IN A YEAR.
- CLEAN THE LIMES WITH USING RINSING AND WASHING NOZZLES ONCE IN A MONTH BY USING VINEGAR OR LIME REMOVER.
- CLEAN THE FILTERS IN THE APPLIANCE ONCE IN A WEEK.AFTER CLEANING BE SURE THAT THUMBSCREW IS COMPRESSED.
- CLEAN THE APPLIANCE'S FOUNTAINS ONCE IN 15 DAYS BY DETACHING IT.

TROUBLESHOOTING

GLASSES ARE NOT WASHED WELL	1. CLEAN THE ABSORPTION FILTER IF IT IS DIRTY. 2. CHECK THE FOUNTAINS IF THEY ARE ACCUMULATED WITH RESIDUES OR NOT. 3. CHECK THE AMOUNT OF DETERGENT. 4. IF THE CHOSEN WASHING PROGRAM IS TOO LESS, REPEAT THE PROGRAM. 5. BE SURE THAT THE DISHES ARE PLACED CORRECTLY ON BASKETS.
GLASSES ARE NOT DRIED WELL	1. IF THERE IS POLISHER OR NOT, IF NOT ADD SOME. 2. CHECK THE AMOUNT OF POLISHER.
MIST OVER ON CUPS	1. AFTER WASHING PROCESS, TAKE THE CUPS FROM BASKETS.
CORROSION ON CUPS	1. ONLY USE PRODUCTS THAT ARE NOT FOAMING FOR THE PROFESSIONAL DISHWASHERS.
TOO MUCH FOAM AT STORAGE	1. CHECK THE AMOUNT OF DETERGENT . 2. IF FOAMING DETERGENT IS USED,POUR IT AND RINSE THE STORAGE TILL THE FOAMS ARE LOST. 3. DO NOT WASH WITH COLD WATER, WAIT FOR THE WARMED LAMP
WASHING OR RINSING HANDLES ARE TURNING SLOWLY	1. TAKE OFF WASHING HANDLES AND CLEAN THEM. 2. CLEAN THE WASHING PUMP ABSORBING FILTER. 3. CHECK THE RINSE WATER PRESSURE
VISCIDITY AND SPOTS ON CUPS	1. REDUCE THE AMOUNT OF POLISHER.
• IF DISHWASHING IS NOT DONE AT SUITABLE QUALITY • IF ANY FUNCTION OF SECURITY DOESN'T WORK DO NOT USE THE APPLIANCE.	

SPARE PART LIST-EXPLODING DRAWING

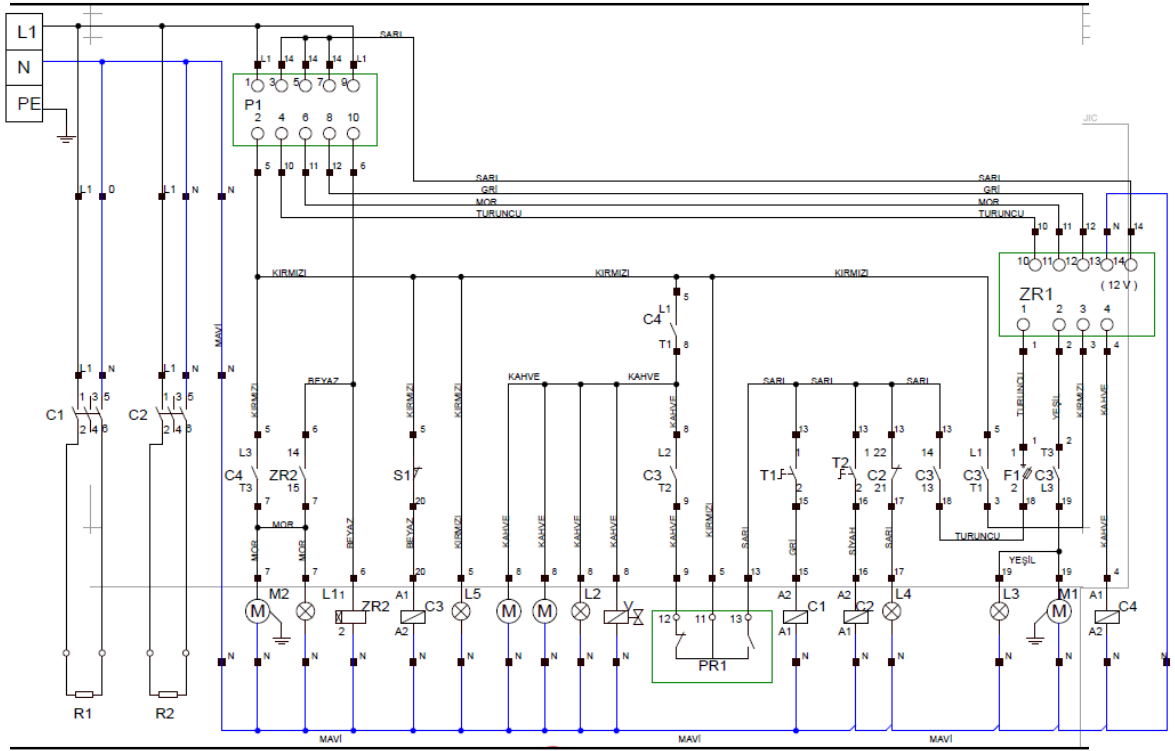


NO	PRODUCT NAME	P. CODE
I	HORIZONTAL SENSOR	M.ELK-SWC-KTG-005
2	SWITCH	M.ELK-SLT-PKO-011
3	GLASS FUSE 5A	M.ELK-SGR-011
4	LCIK090IM7 CONTACTOR	ERS.M.ELK-KNT-KNT-020
5	CONTACTOR LCIK09IOM	ERS.M.ELK-KNT-KNT-021
6	LCIKI2IOM7 CONTACTOR	ERS.M.ELK-KNT-KNT-022
7	EVACUATION TIME RELAY	M.ELK-KNT-R0L-026
8	WASH TIME RELAY	M.ELK-KNT-R0L-020
9	ELECTRICAL PANEL GROUP	M.ELK-PN0-BYM-001
10	PROCESTAT FLOAT	M.ELK-MUH-001
II	TOP COVER SHEET	YSC-ERS.BYM-LZ-0469

12	BASKET	M.PLS-ERS-024
13	CHASSIS	-
14	BACK COVER SHEET	YSC-ERS.BYM-PN-0359
15	LEFT SIDE SHEET	YSC-ERS.BYM-PN-0356
16	SPINNING SPINDLE	YTL-ERS.BYM-KS-003I
17	DETERGENT SEAL	M.CNT-ERS-OI3
18	UPPER SPIN	M.ENJ-ERS-PLS-BYM-054
19	SPRAY SCREW	M.ENJ-ERS-PLS-BYM-03I
20	BOTTOM SPIN	M.ENJ-ERS-PLS-BYM-055
21	SPRAY PIPE	YBR-ERS.BYM-KS-0009
22	FOUNTAIN ARM	M.ENJ-ERS-PLS-BYM-045
23	SPRAY BOTTOM SHEET	YSC-ERS.BYM-LZ-0054
24	LOWER SPRAY ELBOW	M.ENJ-ERS-PLS-BYM-046
25	INLET FITTING	YTL-ERS.BYM-KS-0033
26	VALVE HOSE	ERS.M.MEK-TES-HRT-006
27	RINSE HOSE	ERS.M.MEK-TES-HRT-OI5
28	HOSE 150CM	ERS.M.MEK-TES-HRT-OII
29	WASTE WATER HOSE	M.MEK-TES-HRT-033
30	POLISHING PUMP HOSE	M.MEK-TES-HRT-020
31	RINSE PORT	YTL-ERS.BYM-KS-0004
32	DETERGENT ENTRY PLASTIC	M.PLS-ERS-036
33	AIR TRAP LOCATION	M.ENJ-ERS-PLS-BYM-OI5
34	VALVE (14 LT)	M.ELK-SLN-PLS-00I
35	DETERGENT SEAL	M.CNT-ERS-OI3
36	AIR TRAP	M.ENJ-ERS-PLS-BYM-OI9
37	OUTPUT PIPE	YBR-ERS.BYM-KS-0004
38	BOILER TANK	M.MEK-TES-BYM-BYL-003
39	DRAIN WEDGE	M.ENJ-ERS-PLS-BYM-OI6
40	FILTER COVER	M.ENJ-ERS-PLS-BYM-086
41	DISCHARGE WEDGE LOCATION	M.ENJ-ERS-PLS-BYM-II2
42	FILTER GASKET	M.CNT-ERS-02I
43	BOILER HOSE	HTS-HRT-OI2
44	TANK RESISTANCE 230V-2500W	M.ELK-RZS-BRU-BYM-028
45	BOILER RESISTANCE-220V-2000W	M.ELK-RZS-BRU-BYM-OI8
46	FOOT	M.AKS-AYK-INX-004
47	DRAIN PUMP	M.ELK-MTR-PMP-002
48	FILTER	M.ENJ-ERS-PLS-BYM-04I

49	FILTER LOCATION	M.ENJ-ERS-PLS-BYM-042
50	FILTER GASKET	M.CNT-ERS-02I
51	WASHING MOTOR	M.ELK-MTR-PMP-003
52	ORING	M.CNT-ORG-009
53	5/8 SILICONE HOSE	HTS-HRT-004
54	WASHING PUMP HOSE	ERS.M.MEK-TES-HRT-014
55	RESISTANCE COVER	M.ENJ-ERS-PLS-BYM-025
56	THERMOSTAT PIPE	YBR-ERS.BYM-KS-0003
57	THERMOSTAT 0-90°C	M.ELK-MEK-TRMI-008
58	POLISHING PUMP	M.ELK-MTR-PMP-004
59	BOTTOM COVER SHEET	YSC-ERS.BYM-LZ-0476
60	SLEEVE PART	YTL-ERS.BYM-KS-01I9
61	TOP COVER HANDLE	YSC-ERS.BYM-LZ-0053
62	COVER OUTER SHEET	YSC-ERS.BYM-PN-0354
63	COVER HANDLE	ERS.M.AKS-KLP-INX-003
64	COVER	ARA-ERS.BYM-00I4
65	MAGNET LOCATION	M.ENJ-ERS-PLS-BYM-00I
66	MAGNET	M.MIK-ERS-00I
67	COVER LOCK	ARA-ERS.BYM-00I3
68	LOCK KIT SPRING PLACE	YTL-ERS.BYM-KS-0073
69	BALL	M.MUH-02I
70	COVER LOCK SPRING	M.YAY-ERS-035
71	LOCK BODY	YTL-ERS.BYM-KS-0072
72	CORNER PLASTIC RIGHT	M.ENJ-ERS-PLS-BYM-06I
73	CORNER PLASTIC LEFT	M.ENJ-ERS-PLS-BYM-062
74	SWITCH BUTTON	ERS.M.AKS-DGM-MUH-00I
75	GREEN WARNING LAMP	ERS.M.ELK-LMB-SNY-00I
76	YELLOW WARNING LAMP	ERS.M.ELK-LMB-SNY-003
77	PANEL LABEL	M.AKS-ETK-LKS-ERS-BYM-0I5
78	RIGHT SIDE SHEET	YSC-ERS.BYM-PN-0357

ELECTRICAL CIRCUIT



PI	5 PROGRESSIVE COMMUTATOR
SI	MAGNETIC DOOR SENSOR
C1	BOILER CONTACTOR 230V
C2	WASHING CONTACTOR 230V
C3	LID CONTACTOR 230V
C4	RINSING CONTACTOR 230V
PR1	PROSSESTAT
L1	START LAMP
L2	RINSING LAMP
L3	WATER IS HEATED LAMP
L4	WASHING LAMP
L5	EVACUATION LAMP
ZR1	5 CYCLE- CYCLE RELAY (İTER RR-5TG)
ZR2	0-240 SEC. CYCLE RELAY
V	SOLENOID VALVE 230V
FI	ZR1 FUSE 500MA

T1	BOILER THERMOSTAT (30-90°C)
T2	WASHING THERMOSTAT (30-90°C)
M1	WASHING MOTOR 0,55 KW 230V
M2	EVACUATION MOTOR 0,44 W 230V
R1	BOILER RESISTANCE 3000W
R2	WASHING RESISTANCE 2500W
TRI	WASHING 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.)



STEP UP TO THE PLATE