

DISHWASHER

ELECTROMECHANICAL SWITCHES
LOWER AND UPPER WASHING

TYPE: 29P

Accessories

BREAK TANK

BOOSTER PUMP

DVGW

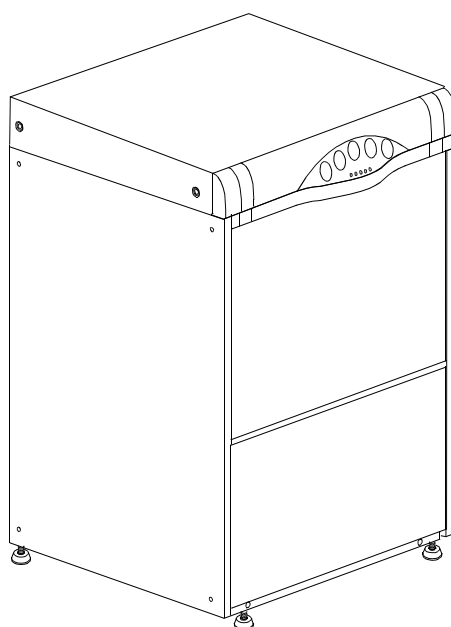
COLD RINSE

WATER SOFTNER

DETERGENT DISPENSER

DRAIN PUMP

Spare parts manual



1. Spare parts

General body parts.....	7
Lockup system	9
Control panel	11
Control electric components.....	13
Solenoid valve group	15
Solenoid valve group	17
Break Tank	19
Booster pump.....	21
DVGW	23
Water softner group.....	25
Shining product dosing device group .	27
Shining product dosing device group .	29
Boiler group	31
3 ways derivation.....	33
Wash pump	35
Dosing device group	37

Dosing device group	39
Drain pump group.....	41
Pressure switch group with air trap ...	43
Turret group with rotating arms	45

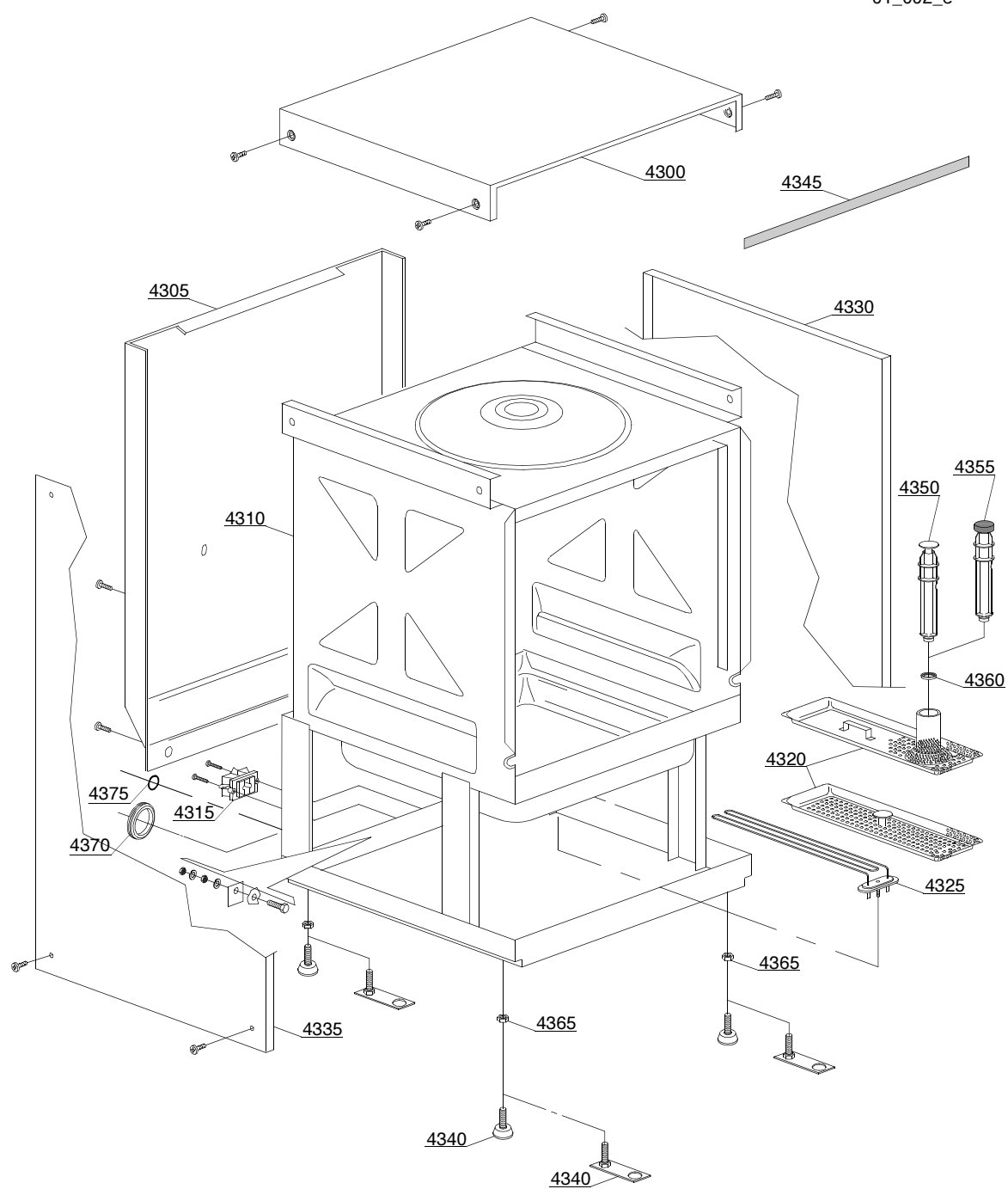
1.1 Voltage codes

Voltage code	Voltage
A	3/N/PE~400/230V 50Hz
B	~250V 16A 50Hz
C	3/N/PE~380/220V 50Hz
D	3/PE~200V 50-60Hz
F	2/PE 220-240V 50Hz
G	3/N/PE~415/240V 50Hz
H	3/PE~230V 50Hz
I	3/PE~220V 60Hz
J	3/PE~380 50Hz
K	3/PE~400V 50Hz
L	3/PE~415V 50Hz
M	3/PE~440V 60Hz
N	3/PE~460V 60Hz
O	3/PE~480V 60Hz
P	1/N/PE~220-240V 50Hz
R	2/PE~220-230V 60Hz
S	3/N/PE~400/230V 50Hz
T	3/PE~230V 60Hz

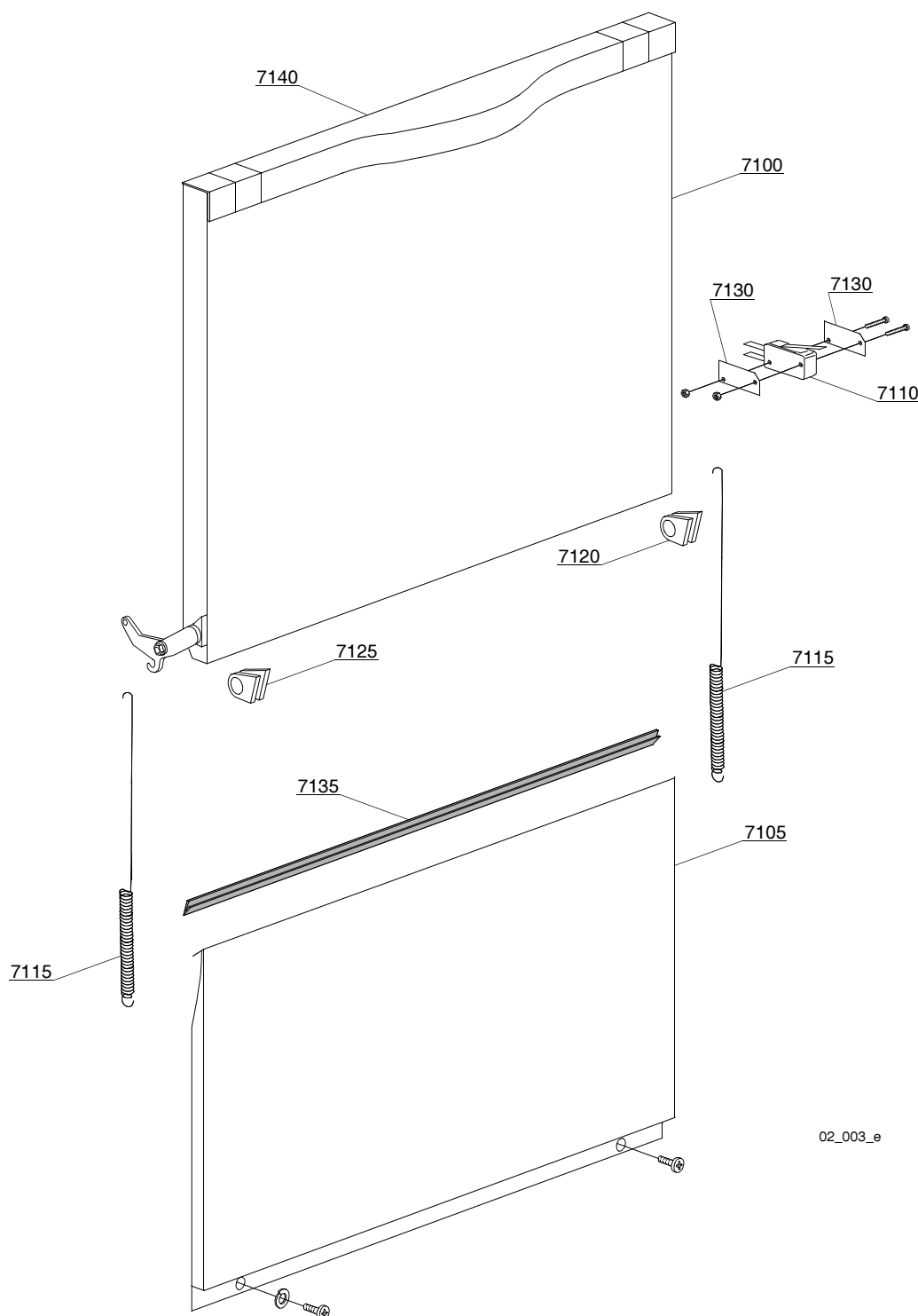
1.2 Product codes

Product code	Full name
Model codes	
em	ELECTROMECHANICAL SWITCHES
ls	LOWER AND UPPER WASHING
Type codes	
29P	29P
Accessory codes	
bt	BREAK TANK
pap	BOOSTER PUMP
dvgw	DVGW
fs	COLD RINSE
d	WATER SOFTNER
dde	DETERGENT DISPENSER
ps	DRAIN PUMP

01_002_e



[illegible]

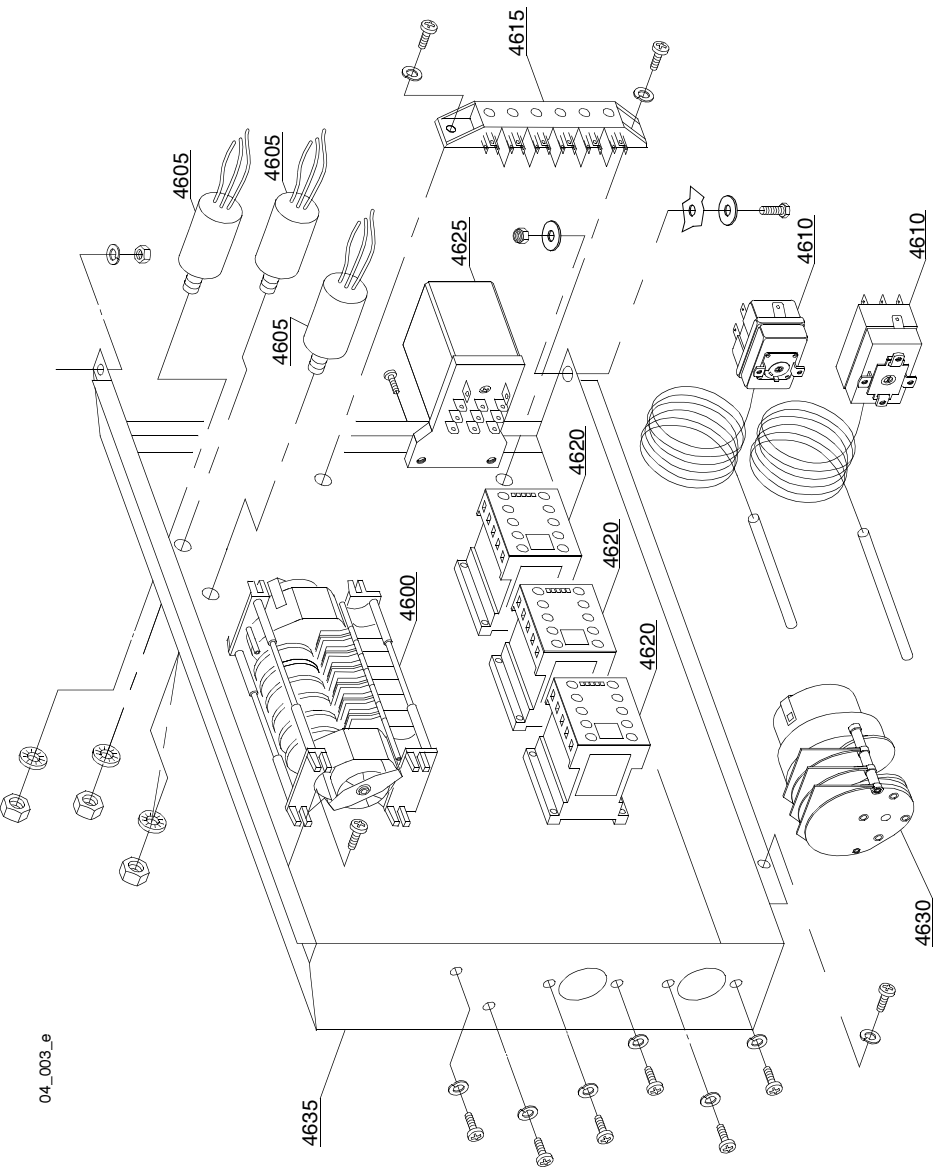


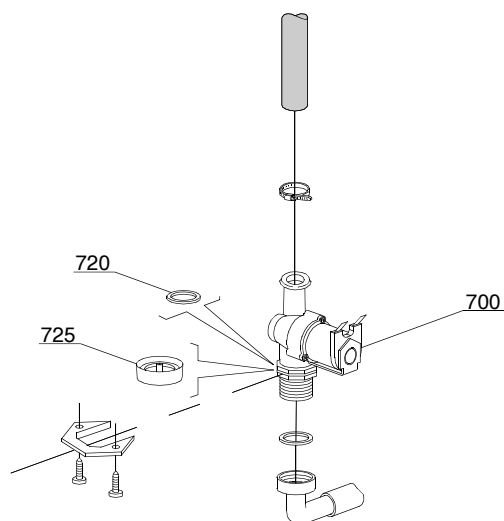
02_003_e

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Lockup system						
7100	560916		29P			Door with plastic handle
7105	560920		29P			Lower door
7110	10704		29P			Door microswitch
7115	560003		29P			Door spring
7120	560006		29P			Right lock for door hinge
7125	560007		29P			Left lock for door hinge
7130	10770		29P			Insulating for door microswitch
7135	560013		29P			Profile for lower-door gasket
7140	560550		29P			Plastic handle



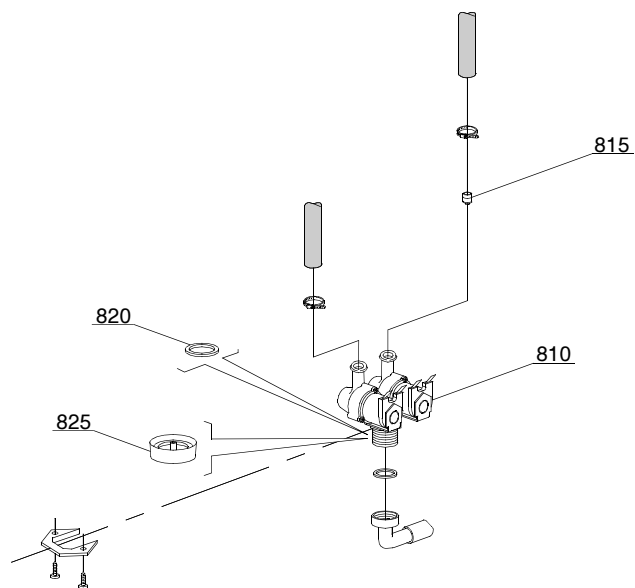
ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Control panel						
7300	560501		29P			Control panel
7305	560523/A		29P			Key 2 with point
7310	560526/A		29P			Key 5 with point
7315	560527/A		29P			ON-OFF key 1
7320	560528/A		29P			Drain pump key 2
7325	560529/A		29P			Start key 3
7330	560530/A		29P			Selector switch key 4
7335	560531/A		29P			Regeneration key 5
7340	15811		29P			16A bipolar switch
7345	15811/A		29P			16A bipolar switch push button
7350	15844		29P			Key support
7355	15813		29P			16A unipolar push button
7360	15800		29P			16A bipolar push button
7365	15812		29P			16A switch
7370	10711		29P			Pilot light





05_002_e

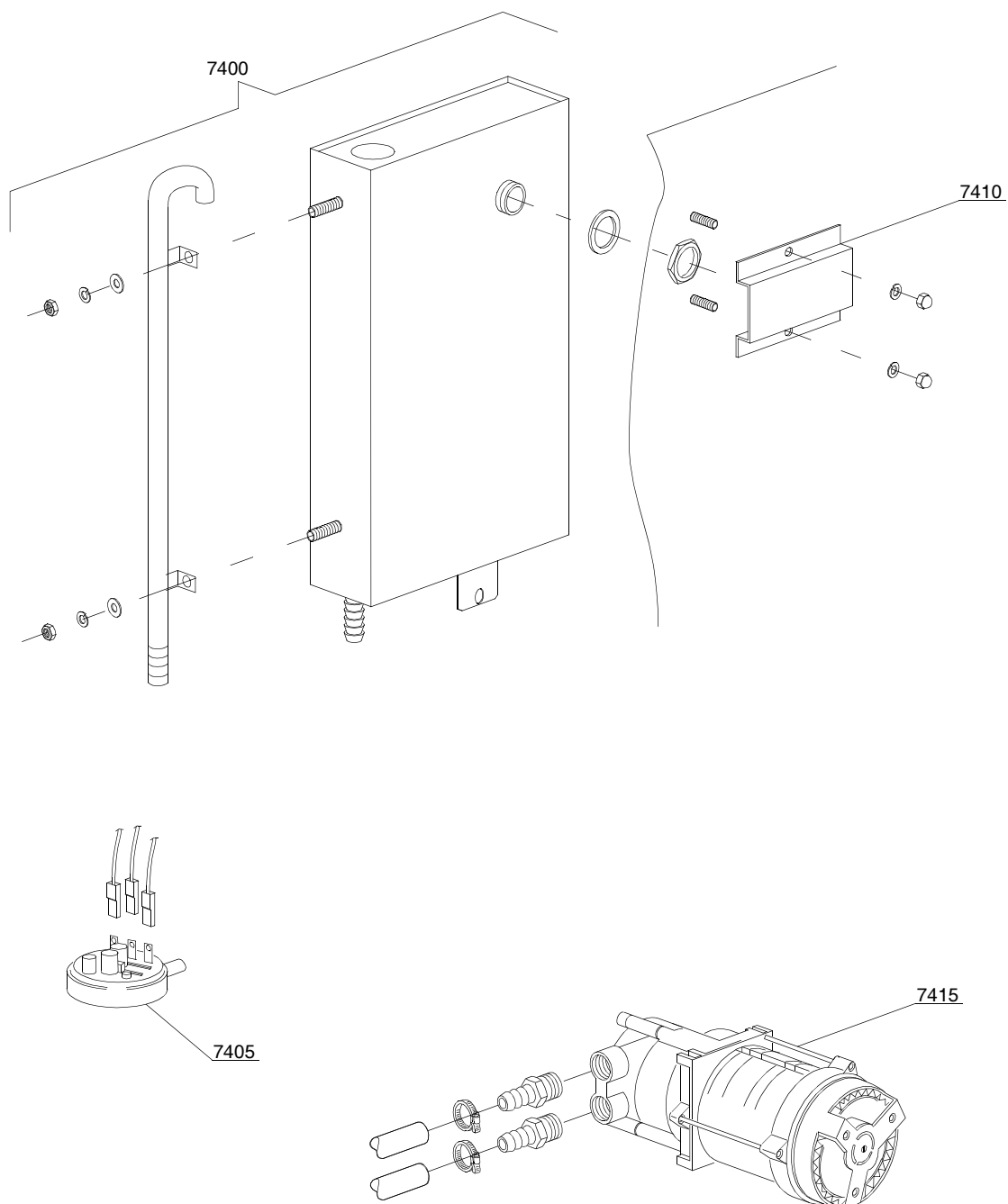
ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Solenoid valve group						
700	10703		29P			Single solenoid valve
720	N.C.		29P			Pression reducing valve



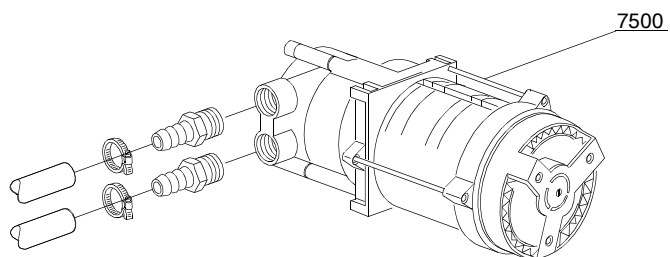
05_003_e

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Solenoid valve group						
810	15098		29P	cr,ws		Double solenoid valve - Ø10
815	15115		29P	cr,ws		Green pression solenoid valve
820	N.C.		29P	cr,ws		Pression reducing valve

06_002_e

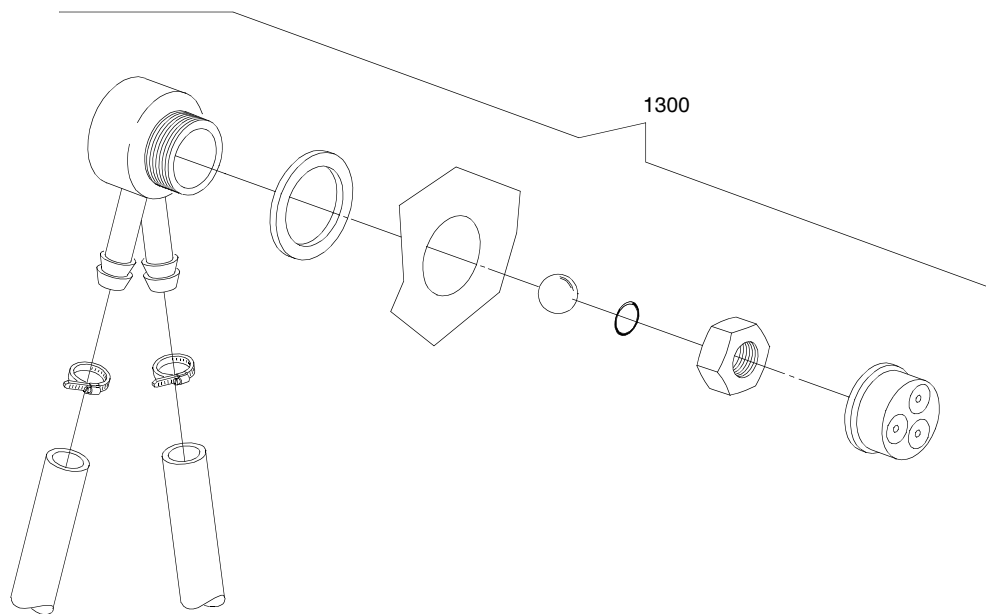


ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Break Tank						
7400	15735		29P	bt		Break tank assembly
7405	10706/A		29P	bt		47-27 pressure switch
7410	15738		29P	bt		Hole protection
7415	15100/D		29P	bt		Booster pump



07_003_e

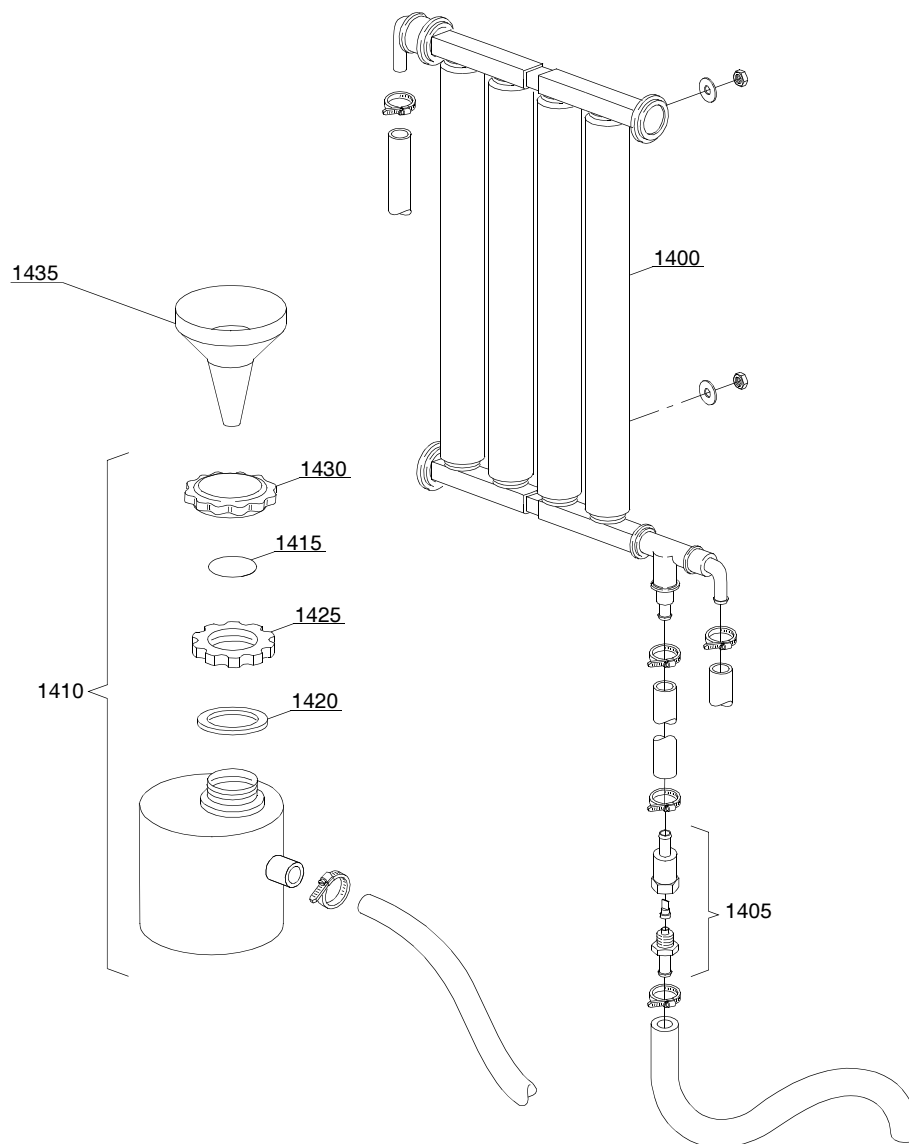
ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Booster pump						
7500	15100/D		29P	bp		Booster pump



08_005_e

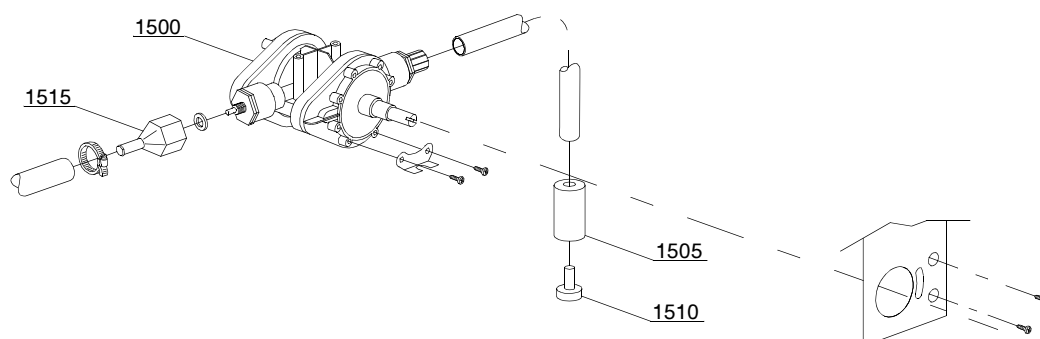
ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:DVGW						
1300	999900006		29P	dvgw		DVGW assembly

09_001_e

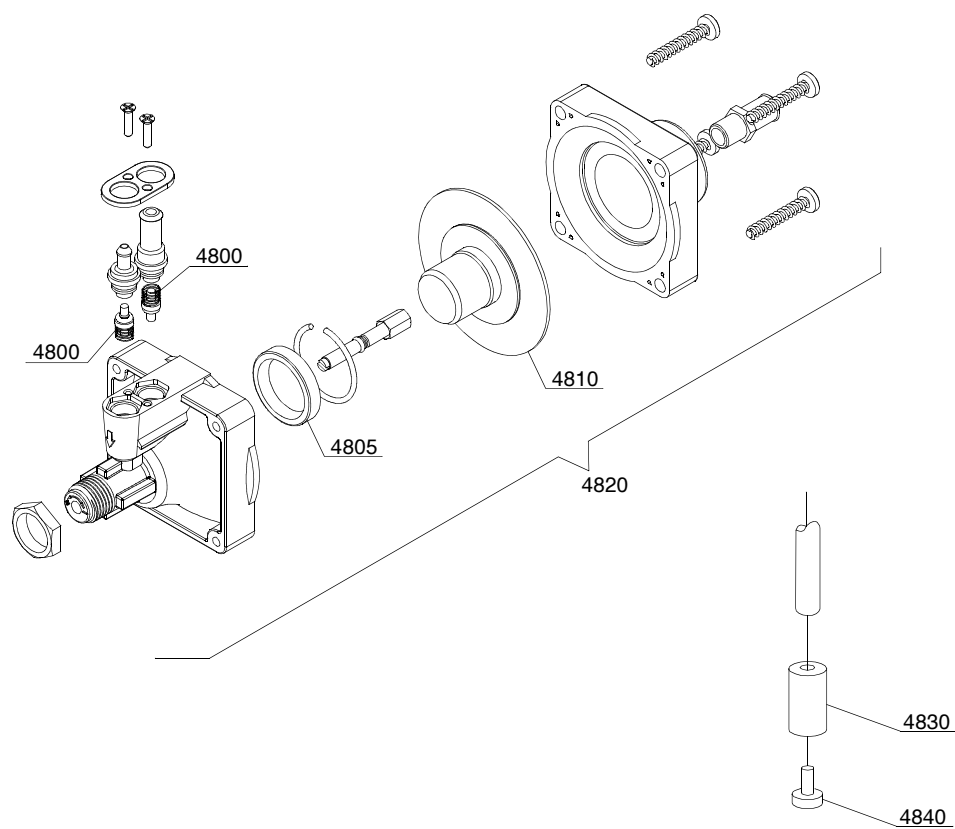


ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Water softner group						
1400	16066		29P	ws		4 elements water softner
1405	16070		29P	ws		Nonreturn valve
1410	16065		29P	ws		Salt container
1415	16067/A		29P	ws		OR gasket
1420	16067/B		29P	ws		Gasket
1425	16067/C		29P	ws		Ring nut
1430	16067/D		29P	ws		Plug
1435	16082		29P	ws		Funnel

10_002_e

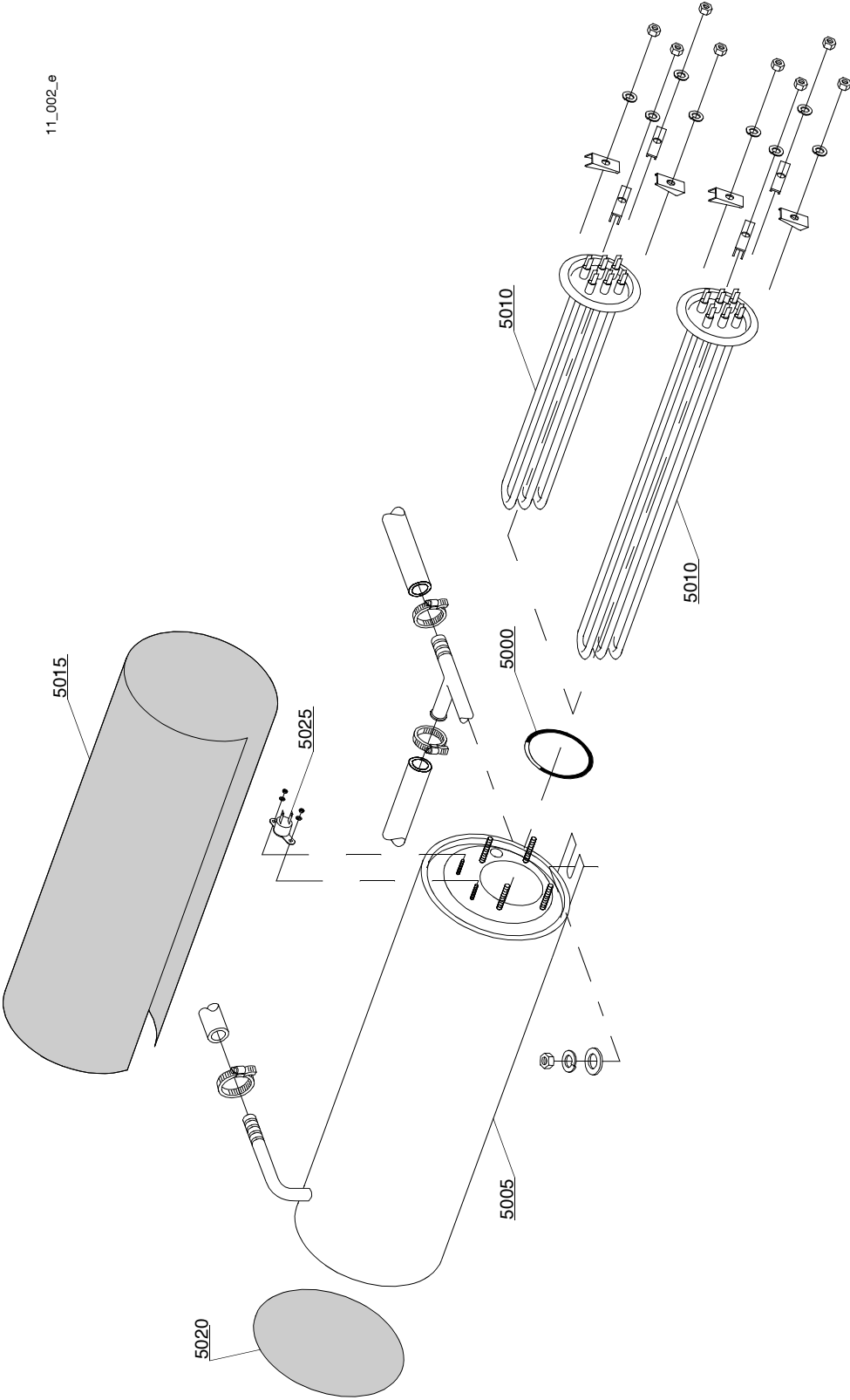


ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Shining product dosing device group						
1500	10798		29P			Shining product dosing device
1505	12525		29P			Counter-weight
1510	15058		29P			Small filter
1515	10798/B		29P			Brass pipe fitting

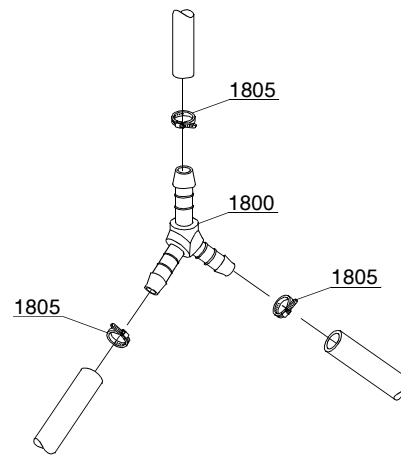


10_004_e

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Shining product dosing device group						
4800	10805		29P			Tecnopro dosing valve
4805	10806		29P			Ø22 gasket
4810	10807		29P			Membrane
4820	10799		29P			Shining product dosing device
4830	12525		29P			Counter-weight
4840	15058		29P			Small filter

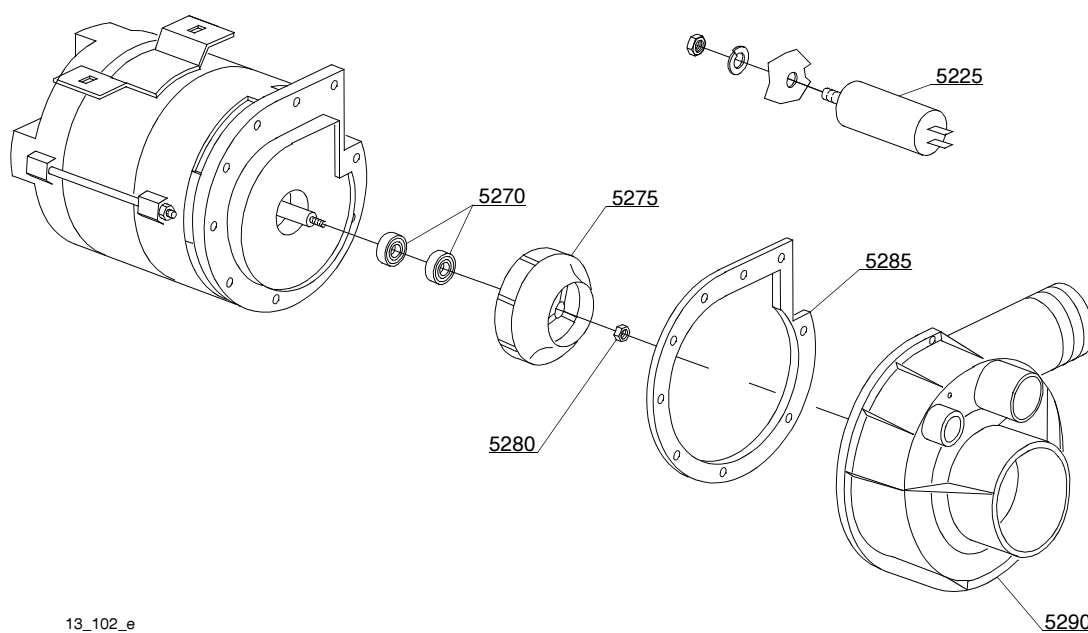
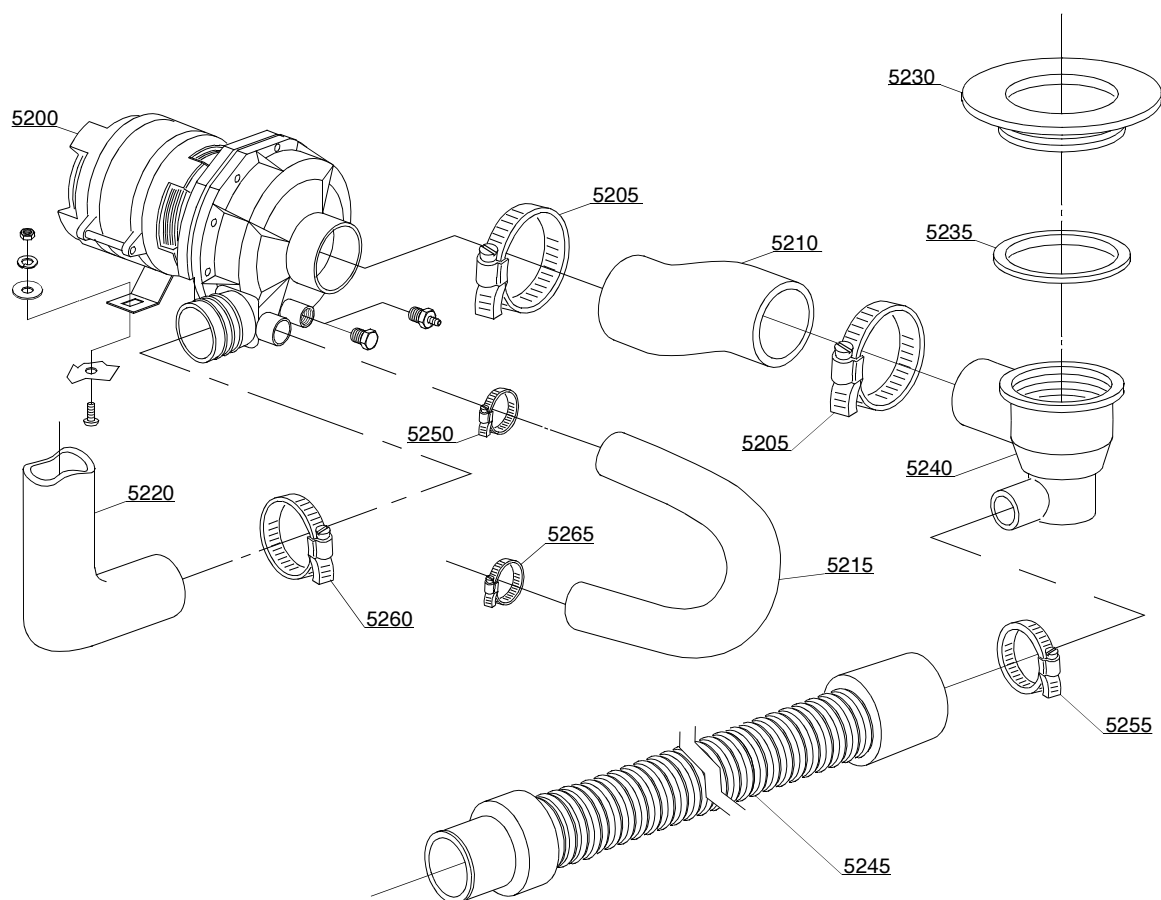


ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Boiler group						
5000	13005		29P			OR 151 NBR gasket
5005	150905		29P			Boiler
5010	15089		29P			4,5KW heating element
5010	15089/E		29P			6KW - 230V heating element
5010	15046		29P			3KW heating element
5015	15066		29P			Insulating boiler
5020	15205		29P			Ø160 bottom
5025	15550		29P			Safety thermostat



12_003_e

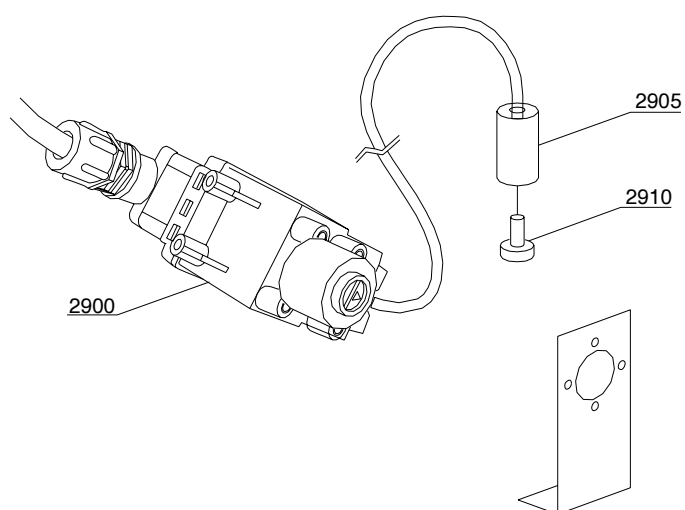
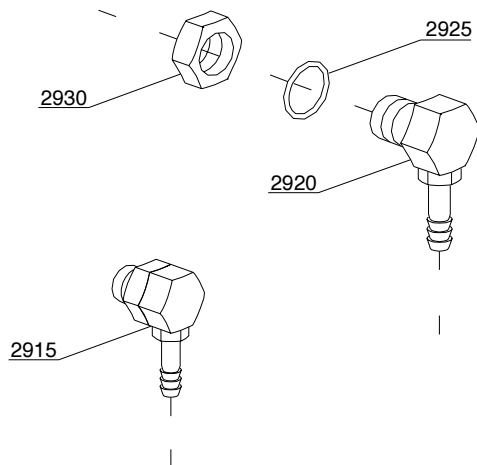
ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:3 ways derivation						
1800	540091		29P			Ø12 mm plastic 3 ways derivation
1805	11807		29P			12/22 clamp



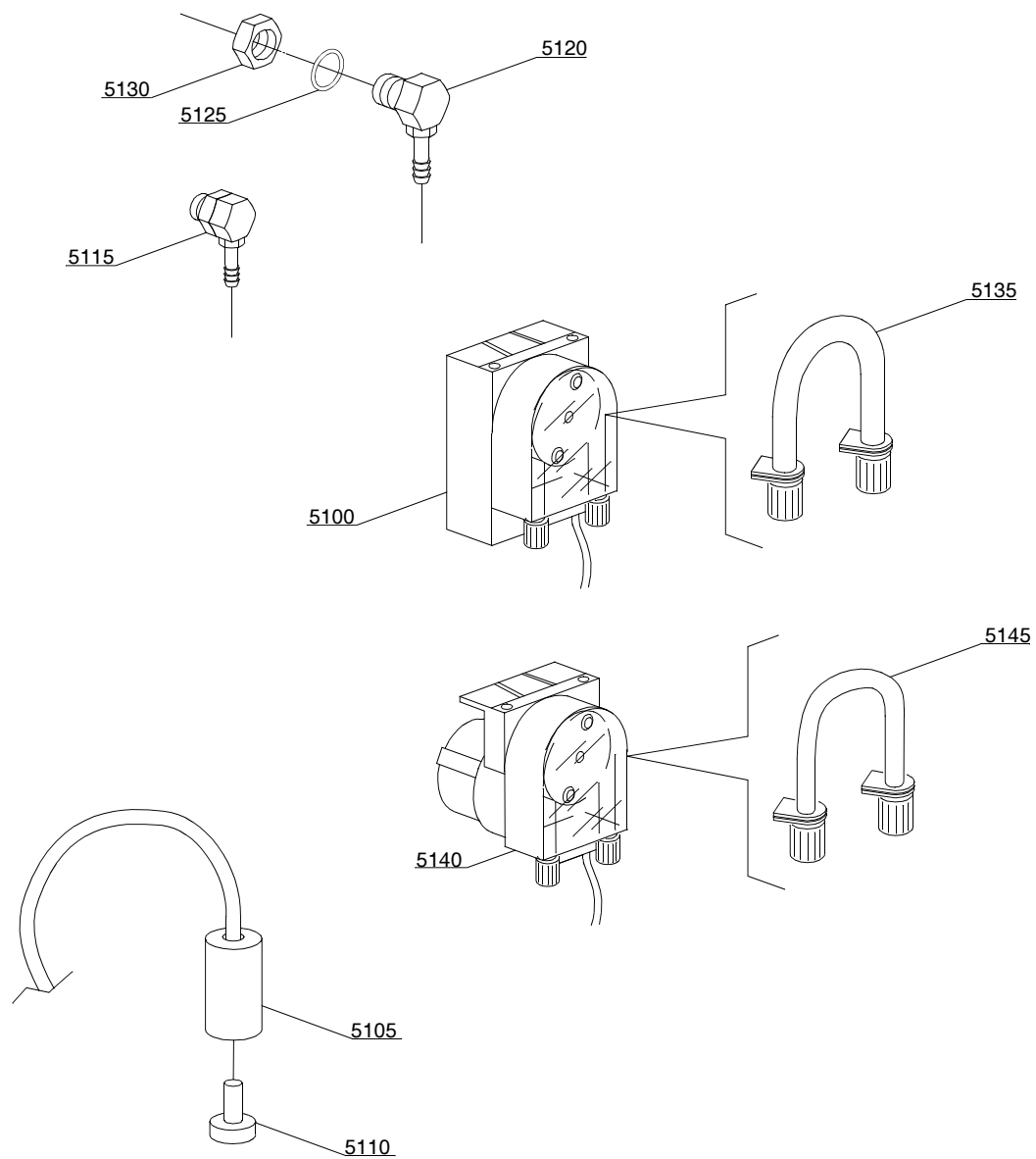
13_102_e

[illegible]

14_002_e



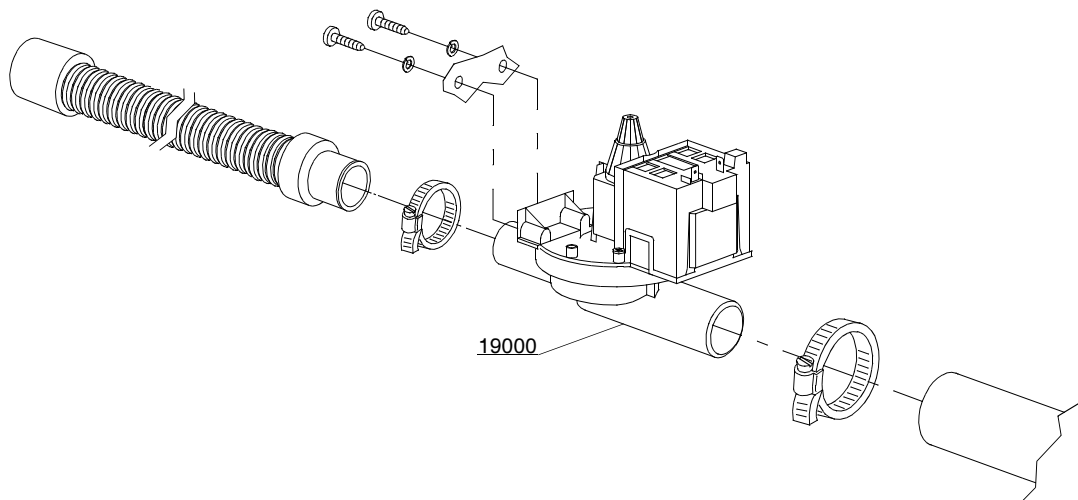
ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Dosing device group						
2900	15108/L		29P	dd		Lang dosing device
2905	12525		29P	dd		Counter-weight
2910	15058		29P	dd		Small filter
2915	15123		29P	dd		Compleat plastic injector
2920	15148		29P	dd		Steel injector
2925	15159		29P	dd		OR gasket
2930	10200205		29P	dd		M12x1 stainless steel nut



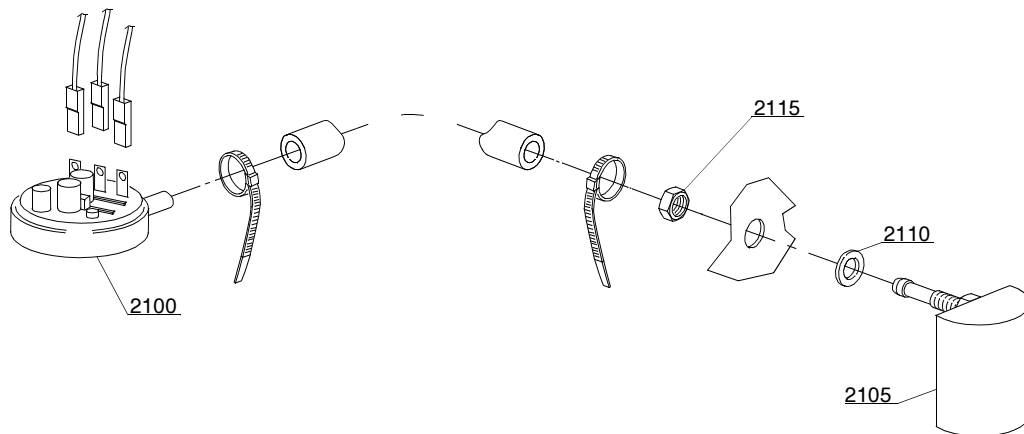
14_004_e

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Dosing device group						
5100	15985		29P	dd		Seko dosing device
5105	12525		29P	dd		Counter-weight
5110	15058		29P	dd		Small filter
5115	15123		29P	dd		Complet plastic injector
5120	15148		29P	dd		Steel injector
5125	15159		29P	dd		OR gasket
5130	10200205		29P	dd		M12x1 stainless steel nut
5135	15185		29P	dd		Seko thermoplastic pipe
5140	15985		29P	dd		Germac dosing device
5145	15108/E		29P	dd		Germac thermoplastic pipe

15_002_e

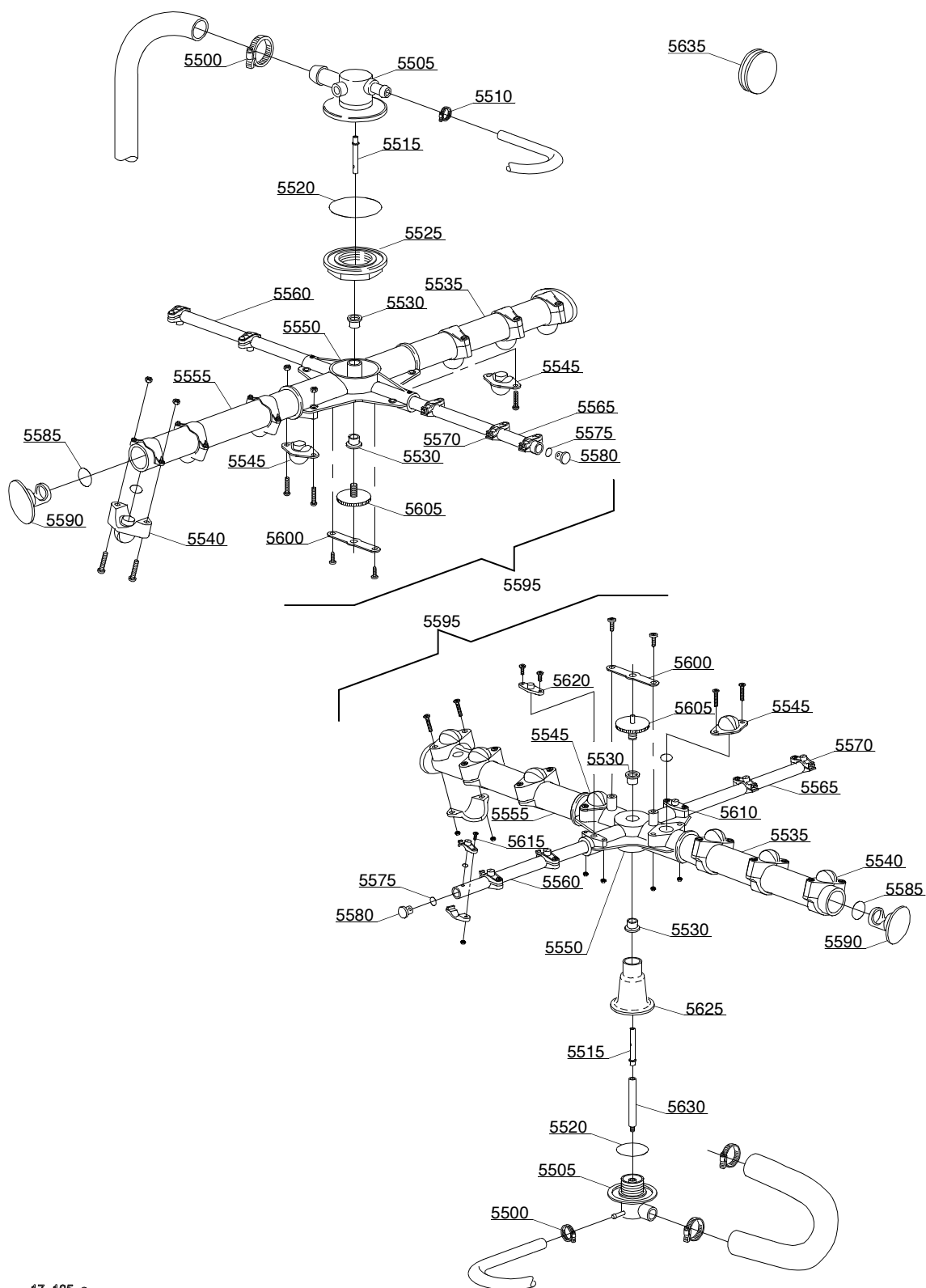


ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Drain pump group						
19000	15101/A		29P	dp	A	Drain pump - 50Hz
19000	15101/B		29P	dp		Drain pump - 60Hz



16_001_e

ID	P-code	Model	Type	Accessory	Voltage	Description
MODULE:Pressure switch group with air trap						
2100	10706/A		29P			47-27 pressure switch
2105	10911/D		29P			Air trap assembly
2110	13301		29P			Gasket
2115	11702		29P			M8 stainless steel nut



17_105_0

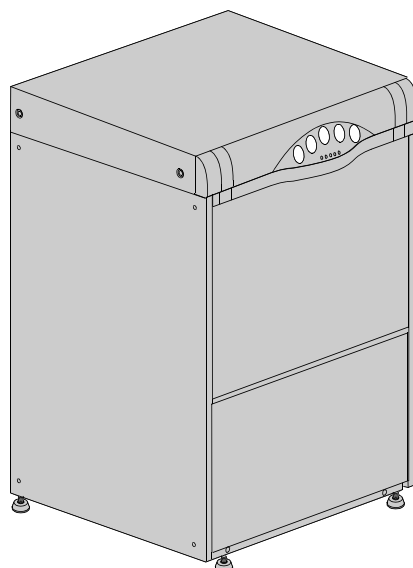
DISHWASHER

ELECTROMECHANICAL SWITCHES
LOWER WASHING
LOWER AND UPPER WASHING
INSULATED MODEL

TYPE: 29P

Accessories
BREAK TANK
BOOSTER PUMP
DVGW
COLD RINSE
WATER SOFTNER
DETERGENT DISPENSER
DRAIN PUMP

Spare Parts Manual



INFORMAZIONI GENERALI

Questo catalogo serve per richiedere con esattezza le parti di ricambio

Nelle ordinazioni indicare:

1) il numero dei codici dei particolari seguito dalla descrizione e la quantità desiderata;

2) Il codice alfa-numerico presente nella seconda colonna della tabella ;

I disegni delle parti di ricambio sono solo indicativi e non rappresentano il pezzo in oggetto.

I dati contenuti in questo catalogo sono indicativi e possono essere soggetti a modifiche senza impegno di preavviso.

ALLGEMEINE INFORMATIONEN

Dieser Ersatzteilkatalog dient zur genauen Angabe der Teile bei Ersatzteilbestellungen.

Bei Ersatzbestellung ist folgendes anzugeben:

1) Die Bestellnummer der Ersatzteile mit der entsprechenden Beschreibung genaue Menge;

2) Der alpha-numerischer Code auf der zweiten Reihe in dein Sculd;

Die Zeichnungen der Ersatzteile sind nur als Hinweise gedacht und stellen nicht das betroffene Teil dar.

Bei den im Katalog angeführten Daten handelt es sich um Anhaltsdaten, die jederzeit, ohne Vorankündigung, geändert werden können.

GENERAL INFORMATION

The present spare parts order exactly the right spare parts

When ordering specify:

1) the part's code number followed by its description and quantity needed;

2) The alpha-numeric code is in the second column in the chart;

Spare parts drawings are general and do not represent the part.

The contents of this catalogue are general and can undergo changes without prior notice.

INFORMACIONES GENERALES

El presente catálogo sirve para pedir con exactitud las partes de repuesto

En los pedidos se debe indicar:

1) el número de código de la parte y a continuación la descripción cantidad deseada;

2) El codigo alfanumerico presente en la segnada columna de la tabla;

Los diseños de las partes de recambio son solo indicativos y no representan la pieza en cuestión.

Los datos contenidos en el presente catálogo son indicativos y pueden modificarse sin aviso previo.

INFORMATIONS GENERALES

Ce catalogue permet de commander correctement les pièces detachées

Les commandes doivent être passées en indiquant:

1) le numero de code des pièces détachées suivi de leur description quantité désirée;

2) le code alphanumérique dans la deuxieme colonne du tableau;

Les plans des pièces détachées sont fournis seulement à titre indicatif et ne représentent pas la pièce concernée.

Les données de ce catalogue sont citées seulement à titre indicatif et peuvent être l'objet de modifications sans avis préalable.

ESEMPIO
EXAMPLE
EXEMPLE
BEISPIEL

Rif.	Codici	
MODULE:Particolari		
10505	540903	
10510	540908	
10515	15065/A	
10520	540086	
10525	540028	



Note

Tutte le informazioni riportate si intendono aggiornate alla data di stampa. Il Produttore si riserva il diritto di apportare qualsiasi modifica richiesta dallo sviluppo evolutivo dei suddetti prodotti.

Per la sicurezza ,la garanzia, l'affidabilità ed il valore della lavastoviglie usa solo ricambi originali. Per alcuni codici, sono richieste quantità minime d'ordine.



Attenzione

Questo libretto è parte integrante della lavastoviglie e, in caso di passaggio di proprietà, deve essere consegnato al nuovo acquirente.



Remarque

Toutes les informations contenues dans ce manuel s'entendent mises à jour à la date d'impression. En raison du développement constant de ses produits, usine se réserve le droit d'apporter à tout instant les modifications qu'elle jugera utiles.

Pour la sécurité, la garantie, la fiabilité et la valeur de votre lavevaisselles n'utilisez que des pièces de rechange d'origine. Pour quelque référence on demande un minimum de pièces par commande



Attention

Ce manuel doit être considéré comme partie intégrante de la la lavevaisselles, en cas de transfert de propriété, doit toujours être remis au nouveau propriétaire.



Note

The information contained herein is valid at the time of going to print. The Company reserves the right to make any changes required by the future development of the above-mentioned products.

For your safety, as well as to preserve the warranty reliability and worth of your dishwashers , use original spare parts only. For some codes a minimum quantity for order is required.



Warning

This manual forms an integral part of the dishwashers and - if a transfer of title occurs - must always be handed over to the new owner.



Hinweis

Die Der Hersteller behält sich das Recht vor, jegliche, durch eine Weiterentwicklung der genannten Produkte bedingte Änderungen vornehmen zu können.

Verwenden Sie für Ihre Sicherheit, die Garantie, die Zuverlässigkeit und den Wert Ihrer machine originale Ersatzteile. Für bestimmte Code nummer werden mindesten bestellungen verlangt.



Achtung

Diese Betriebsanleitung ist Bestandteile des machine und muss bei seinem Weiterverkauf dem neuen Besitzer ausgehändigt werden.



Code 999XXXXXX

Model DESCRIPTION

S/N 04012345

Type

CL/Part



400VAC3N

50HZ

 8A

3500W

500W

  16A

TECHICAL SPECIFICATION

Pressione Dinamica alimentazione idrica

Pression dynamique arrivee d'eau

Dynamic pressure water supply

Dynamischer Druck asserreinlauf

200-500

MADE IN ITALY

Pressione dinamica vapore saturo

Pression dynamique vapeur saturee

Dymanischer Druck gesattigter Dampf

Pression Dinamica Vapor Saturado

Temperatura massima acqua in ingresso 60°C

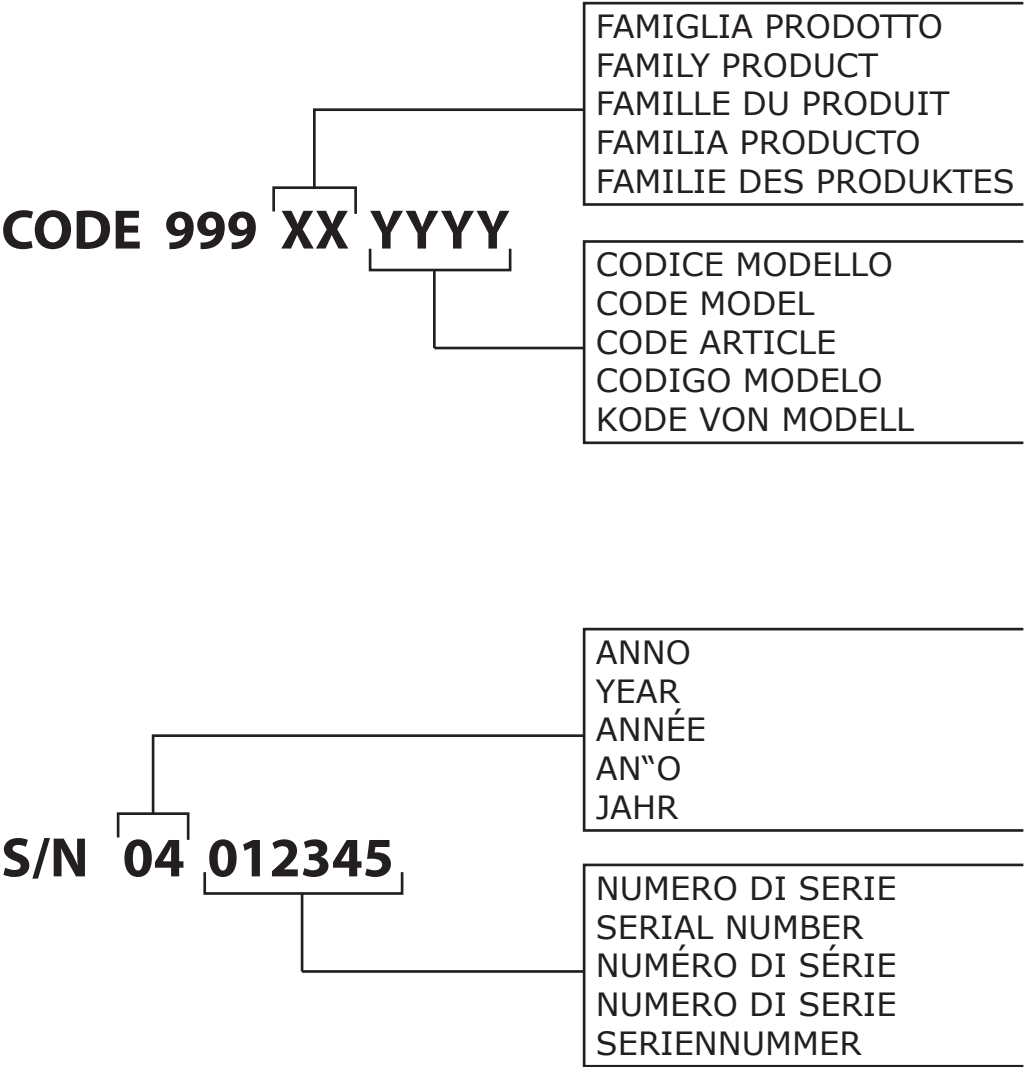
Temperature max eau a l'entre

Maximale Temperatur Wasseranschluß

Maximum Water temperature in-feeding

Model 

S/N 



1. Spare parts

General body parts.....	7
Lockup system	9
Control panel and switches.....	11
Electric control components.....	13
Solenoid valve group	15
Solenoid valve group	17
Break Tank	19
Break Tank	21
Booster pump.....	23
DVGW	25
Water softner group.....	27
Rinse aid dispenser group.....	29
Rinse aid dispenser group.....	31
Boiler group	33
3 ways connection	35
Wash pump	37

Dosing detergent group.....	39
Dosing detergent group.....	41
Drain pump group.....	43
Pressure switch group with air trap ...	45
Turret group with rotating arms	47

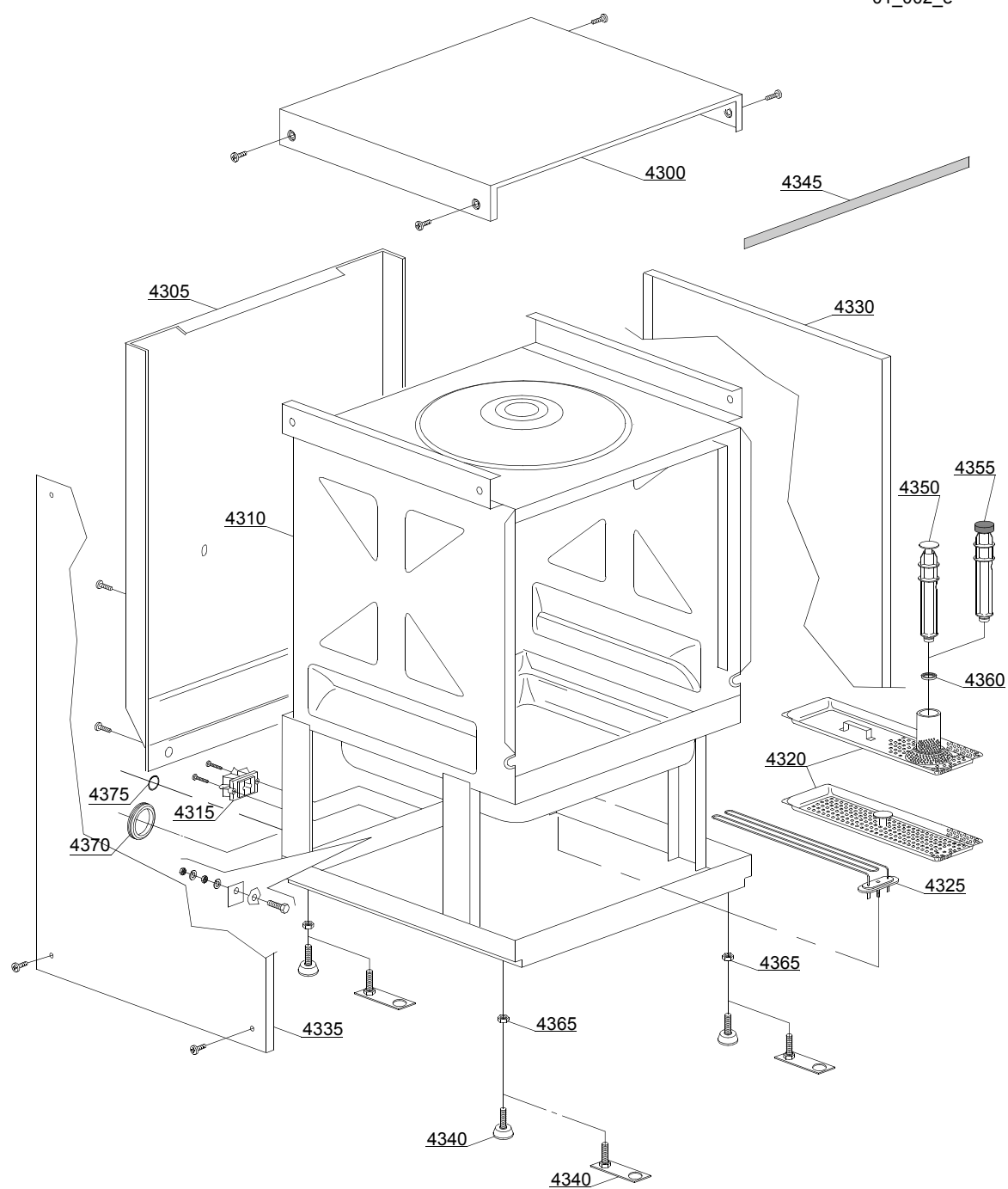
1.1 Voltage codes

Volt	Voltage code
A	3/N/PE~380-400V 50-60Hz
D	3/PE~200-210V 50-60Hz
F	2/PE~220-240V 50-60Hz
G	3/N/PE~415V 50-60Hz
H	3/PE~220-230V 50-60Hz
K	3/PE~380-400V 50-60Hz
L	3/PE~415V 50-60Hz
M	3/PE~440V 60Hz
P	1/N/PE~220-230V 50-60Hz
R	2/PE~220-240V 50-60Hz
U	1/N/PE~240V 50-60Hz
V	3/PE~240V 50-60Hz
W	1/N/PE~100-110V 50-60Hz

1.2 Product codes

Product code	Full name
Model codes	
em	ELECTROMECHANICAL SWITCHES
lw	LOWER WASHING
uw	LOWER AND UPPER WASHING
i	INSULATED MODEL
Type codes	
29P	29P
Accessory codes	
bt	BREAK TANK
bp	BOOSTER PUMP
dvgw	DVGW
cr	COLD RINSE
ws	WATER SOFTNER
dd	DETERGENT DISPENSER
dp	DRAIN PUMP

01_002_e



Spare parts

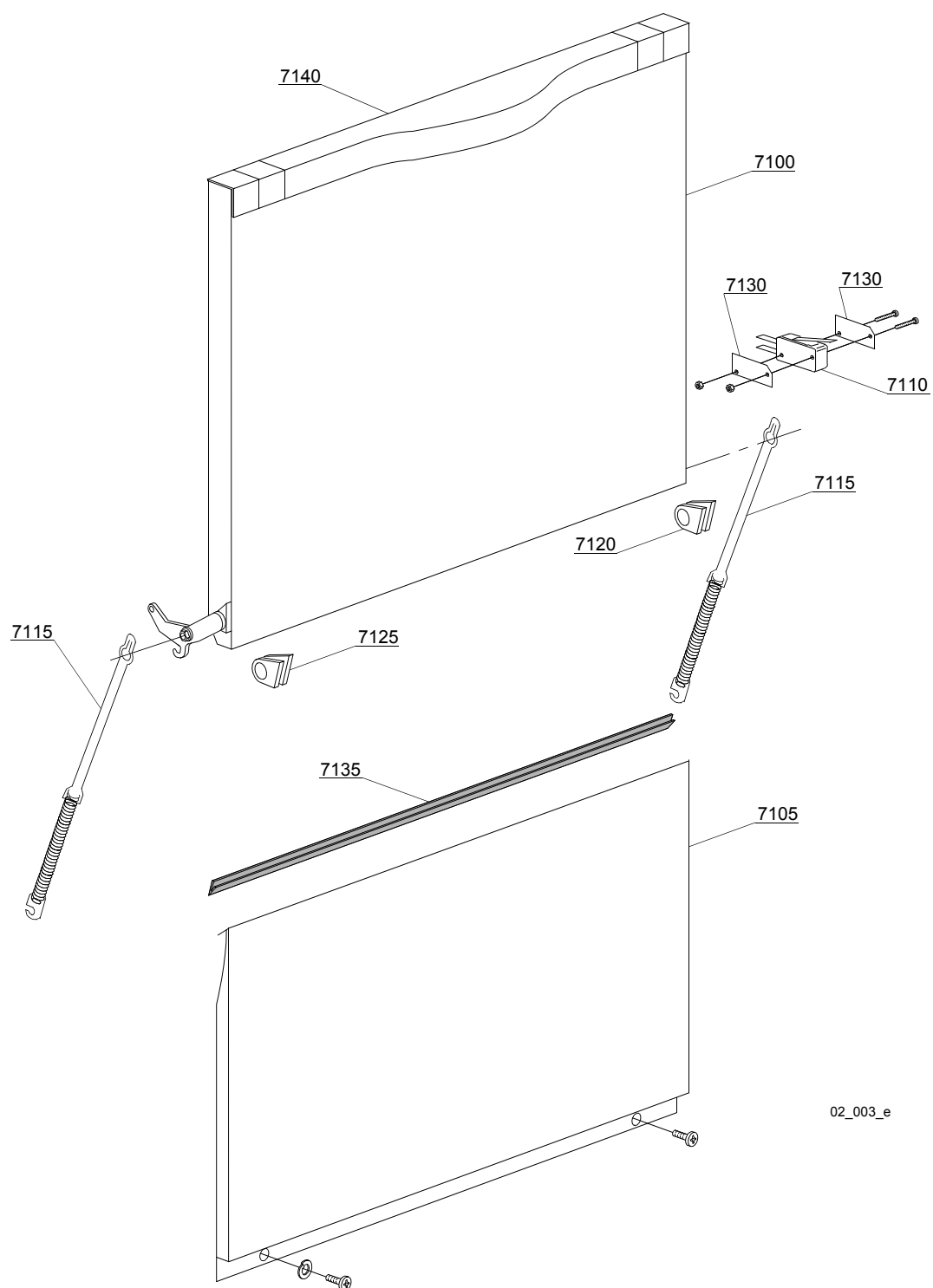
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:General body parts							
4300	560918		-				Cover
4305	560919		-	i			Back panel
4305	560938		-	i	bt		Back panel
4310	560900		-	i			Body
4310	560928		-		ws		Body
4315	15065/A		-	i			Cable-fastener with screw
4320	560925		-	i			Surface filter
4325	150047		-	i			2,7/2,94KW 230/240V heating element
4330	560914		-	i			Right side
4335	560915		-	i			Left side
4340	10786		-	i			M10x25 Ø40 black foot (minimum 4 pieces)
4340	15176		-	i			M10 marina foot
4345	560021		-	i			Profile for door O-ring
4350	500619		-	i			Overflow pipe
4355	560020		-	i	dp		Overflow pipe
4360	13021		-	i			DEM 40 O-ring (minimum 2 pieces)
4365	11711		-	i			M10 zinc plated nut (minimum 20 pieces)
4370	13317		-				Ø40mm lead through rubber (minimum 2 pieces)
4375	13323		-				Ø13mm lead through rubber (minimum 2 pieces)

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



02_003_e

Spare parts

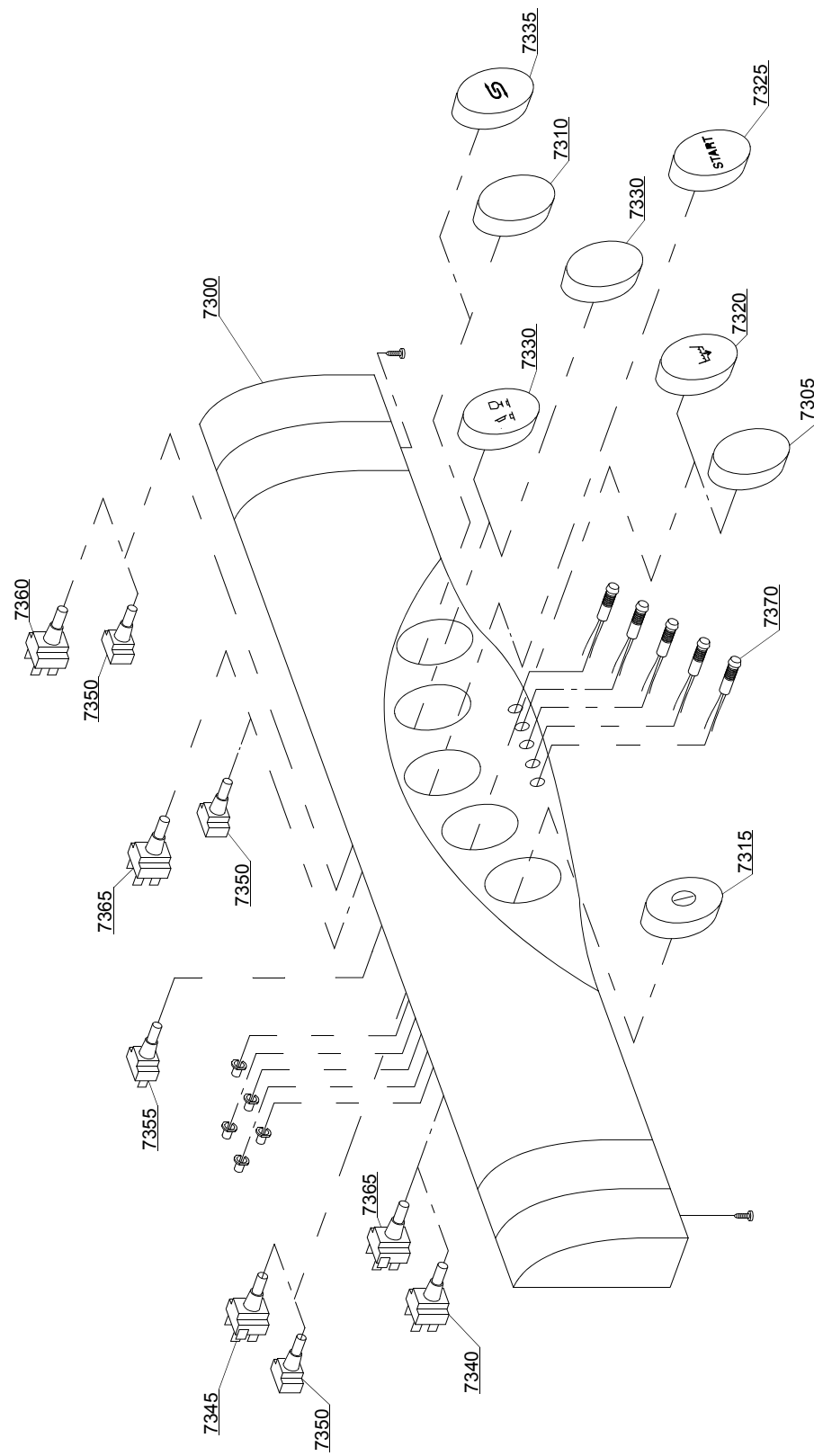
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Lockup system							
7100	560916		-				Door with plastic handle
7105	560920		-				Lower door
7110	10704		-				Door microswitch
7115	560003		-				Door spring
7120	560006		-				Right axle bush for door hinge (minimum 2 pieces)
7125	560007		-				Left axle bush for door hinge (minimum 2 pieces)
7130	10770		-				Insulation for door microswitch (minimum 3 pieces)
7135	560013		-				Profile for door O-ring
7140	560550		-				Handle

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



03_102_e

Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Control panel and switches							
7300	560501		-				Control panel
7305	560523/A		-				Push button 2 with point
7310	560526/A		-				Push button 5 with point
7315	560527/A		-				ON-OFF push button 1
7320	560528/A		-				Drain pump push button 2
7325	560529/A		-				Start push button 3
7330	560530/A		-				Selector switch push button 4
7335	560531/A		-				Regeneration push button 5
7340	15811		-				16A bipolar switch
7345	15811/A		-				16A bipolar switch
7350	15844		-				Push button support
7355	15813		-				16A unipolar switch
7360	15800		-				16A bipolar switch
7365	15812		-				16A switch
7370	10711		-				Pilot light

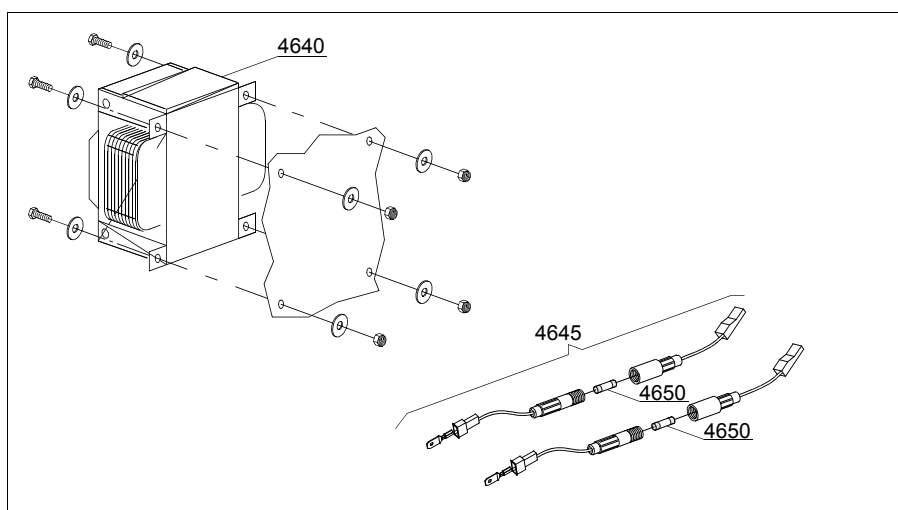
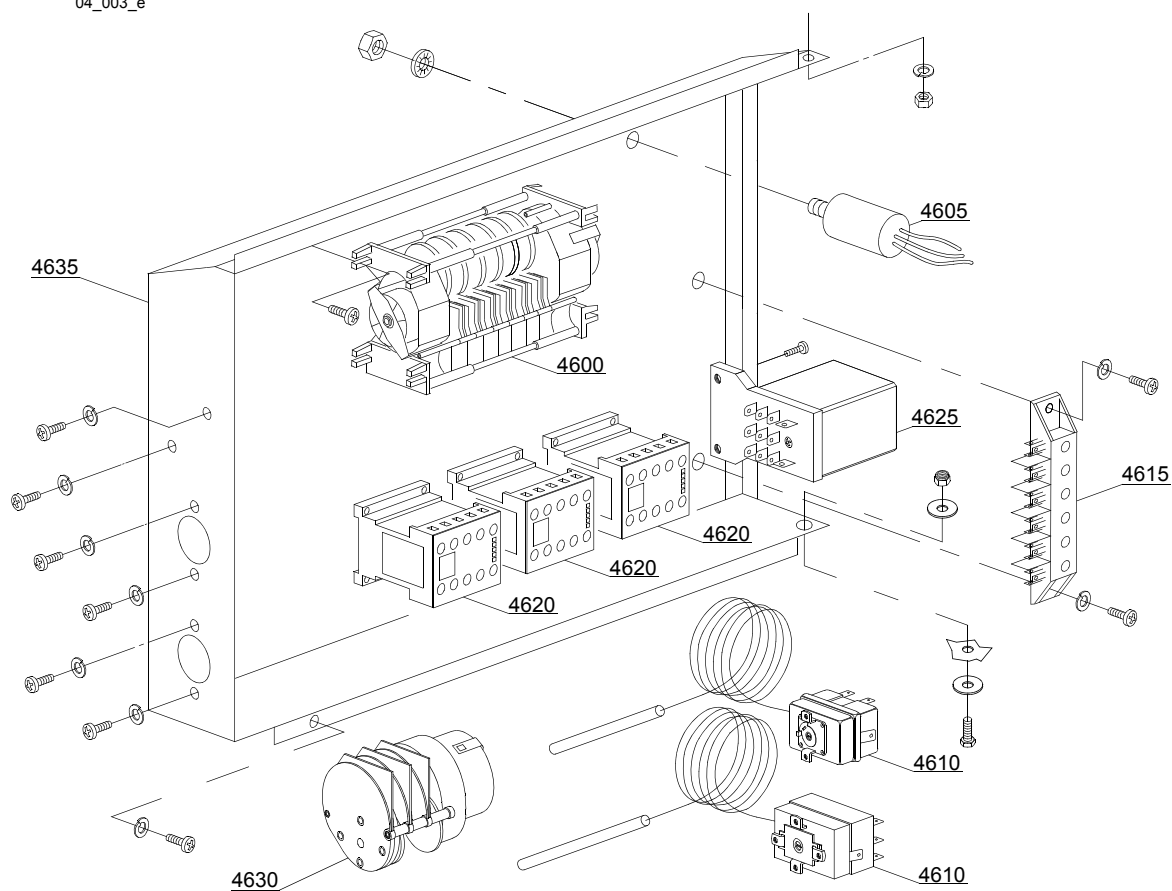
em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

04_003_e



Spare parts

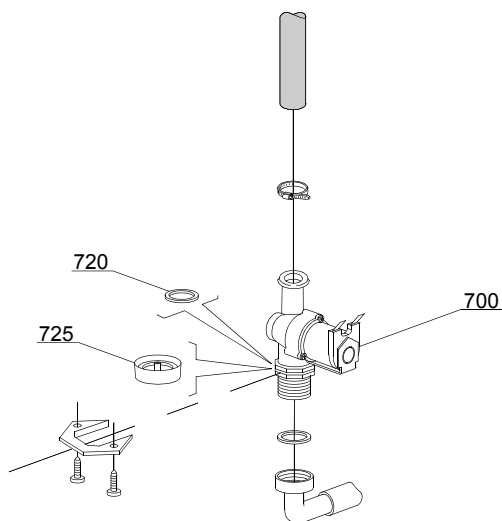
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Electric control components							
4600	10300123		-	i		A	90/180" timer - 230Vac 50Hz
4600	30001027		-	i		A	120/180" timer - 230Vac 50Hz
4600	30001028		-	i			120/180" timer - 230Vac 60Hz
4600	22011/A		-	i		A	120/240" timer - 200Vac 50Hz
4600	30001031		-	i		A	120/180" timer with thermostop - 230Vac 50Hz
4600	30001032		-	i			120/180" - 230V 60Hz timer with thermostop
4600	30001030		-	i			120/240" timer with thermostop - 230Vac 50Hz
4605	15146		-	i			Low noise filter
4605	15149		-	i			Low noise filter
4605	15187		-	i			Low noise filter
4610	10707/1		-	i			0-90°C thermostat
4615	500551		-	i			6 poles terminal board
4620	15086		-	i			Contacteur 230V 50/60Hz 4C
4620	15086/B		-	i			Contacteur 240V 50Hz
4620	15086/T		-	i			200Vac3N 50/60HZ contactor
4625	16037/D		-	i	ws		16A bipolar relay - 230Vac
4625	15620		-	i	ws		16A bipolar relay in deviation
4630	16064/A		-	i	ws		Regeneration timer
4635	560921		-	i			Electric components panel
4640	15381		-	i			160Va transformer 0-230-400-415-440/230V
4645	15147		-	i			Fuse-holder
4650	15163		-	i			Fuse (minimum 5 pieces)

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



05_002_e

Spare parts

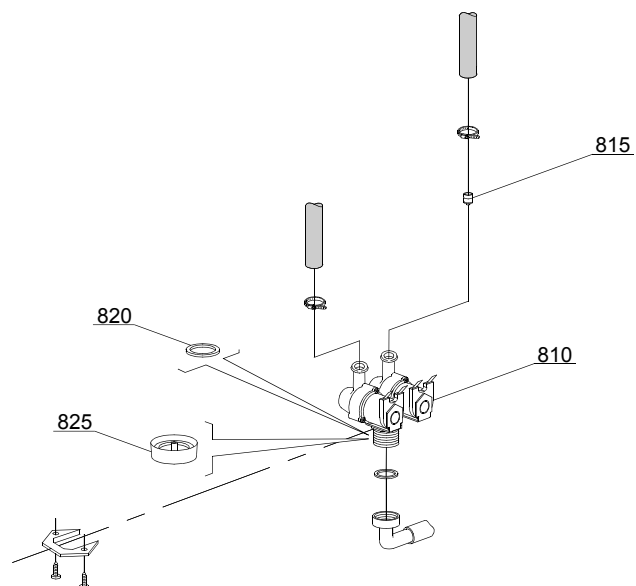
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Solenoid valve group							
700	10703		-	i,em			Single solenoid valve - 220Vac
720	N.C.		-	i,em			Pression reducing valve

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



05_003_e

Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Solenoid valve group							
810	15098		-	i,em	cr,ws		Double solenoid valve - Ø10 - 220Vac
815	15115		-	i,em	cr,ws		Green pression solenoid valve (minimum 2 pieces)
820	N.C.		-	i,em	cr,ws		Pression reducing valve

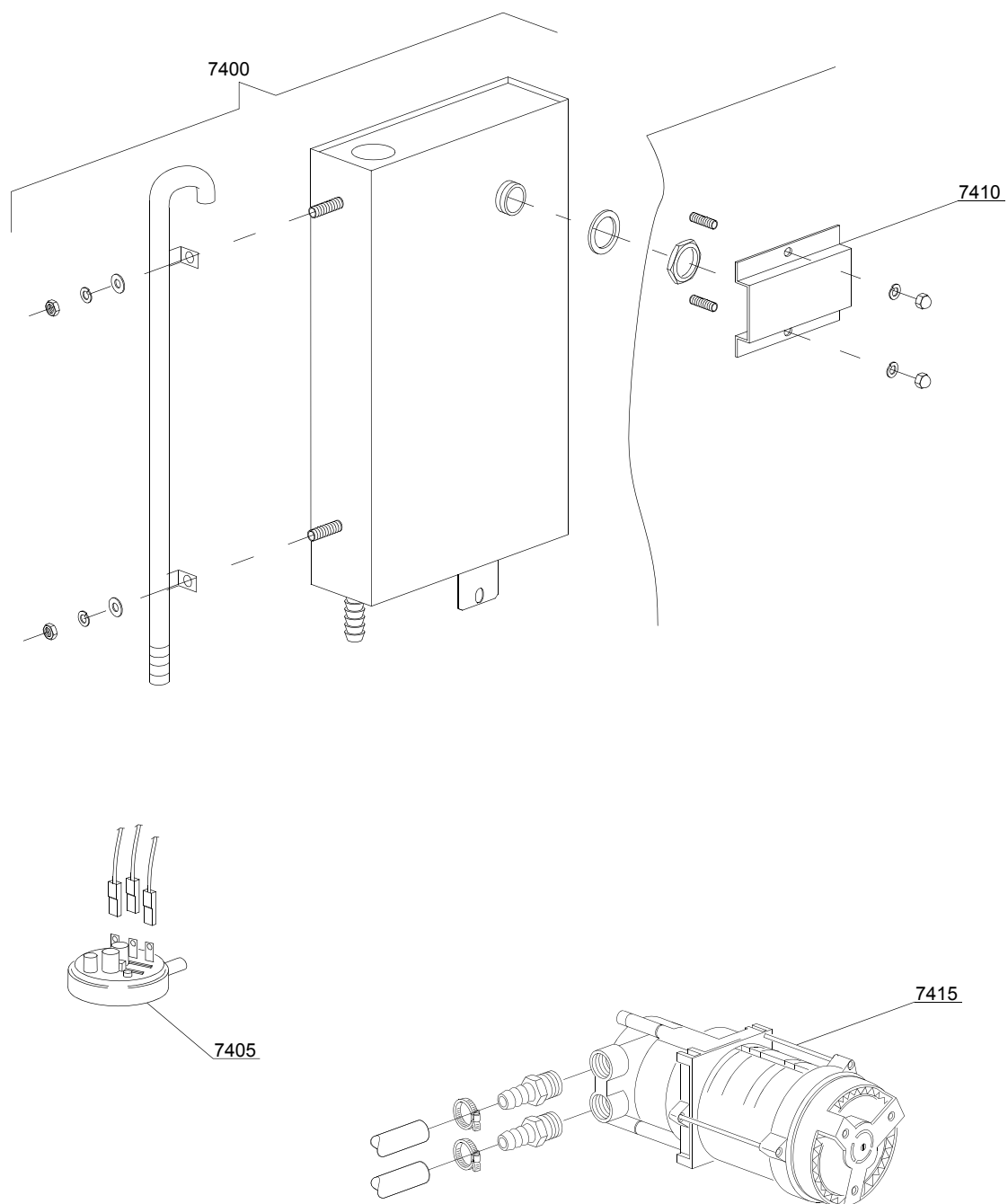
em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

06_002_e



Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Break Tank							
7400	15735		-		bt		Break tank assembly
7405	10706/A		-		bt		47-27 pressure switch
7410	15738		-		bt		Overflow cover
7415	15100/D		-		bt		Booster pump 220/240V

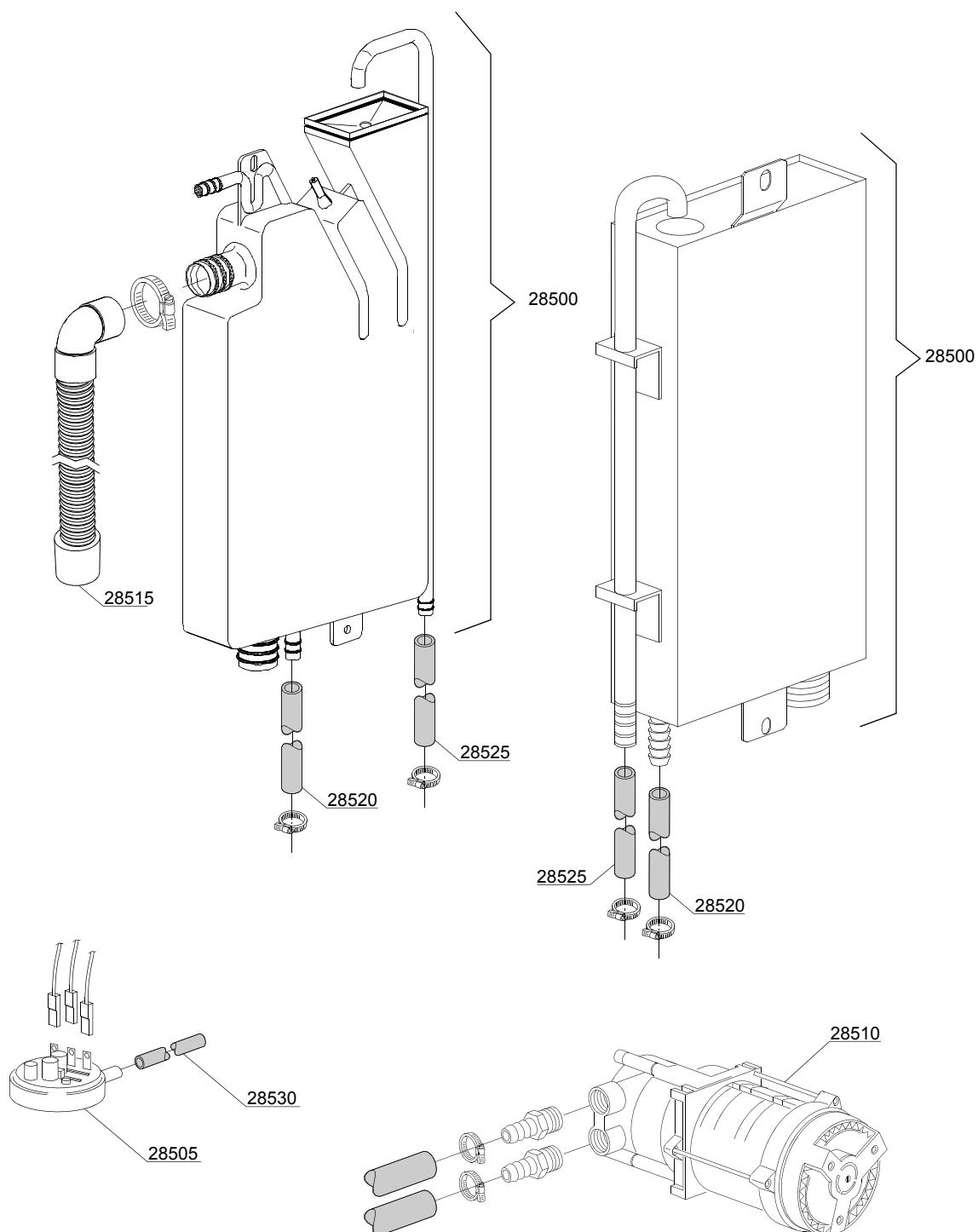
em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

06_004_e



Spare parts

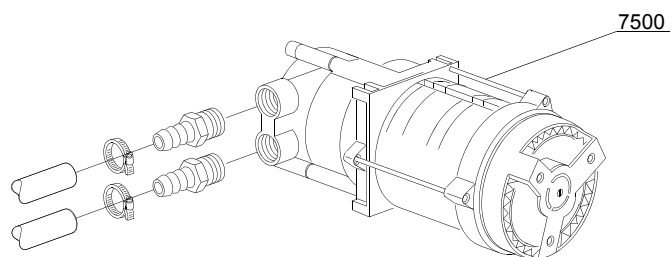
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Break Tank							
28500	15735		-		bt		Break tank assembly
28505	10706/A		-		bt		47-27 pressure switch
28510	15100/D		-		bt		Booster pump 220/240V
28515	15721		-		bt		BT long pipe L=1070
28515	15722		-		bt		BT middle pipe L=920
28515	15723		-		bt		BT small pipe L=920
28520	2907350		-		bt		12x20 EPDM rubber hose
28525	2907352		-		bt		PVC WRAS rubber hose
28530	14508		-		bt		4,5x9 EPDM rubber hose (minimum 2 mt)

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



07_003_e

Spare parts

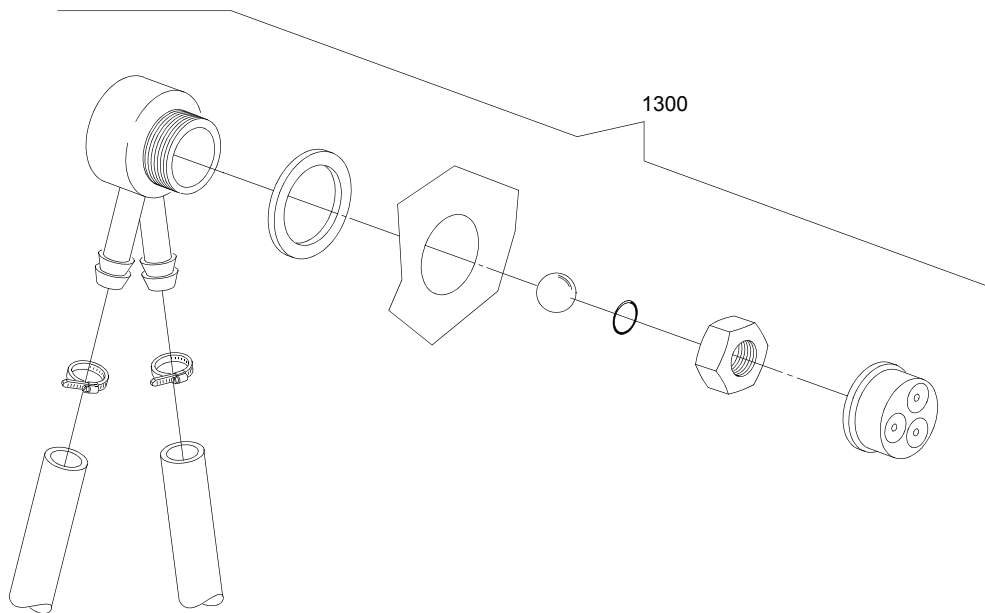
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Booster pump							
7500	15100/D		-	i,em	bp		Booster pump 220/240V

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



08_005_e

Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:DVGW							
1300	999900006		-		dvgw		DVGW assembly

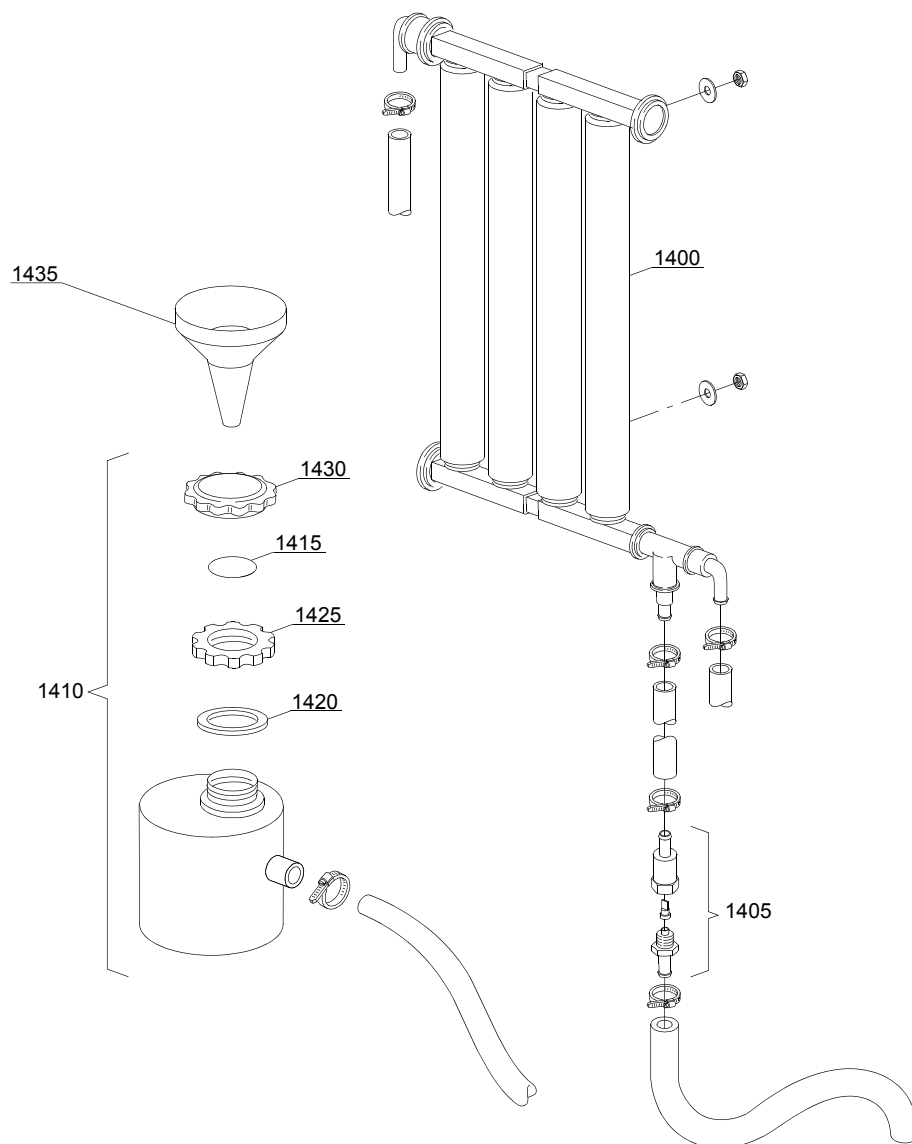
em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

09_001_e



Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Water softner group							
1400	16066		-		ws		4 elements water softner
1405	16070		-		ws		Nonreturn valve
1410	16065		-		ws		Salt container
1415	16067/A		-		ws		OR O-ring
1420	16067/B		-		ws		O-ring
1425	16067/C		-		ws		Ring nut
1430	16067/D		-		ws		Plug
1435	16082		-		ws		Funnel

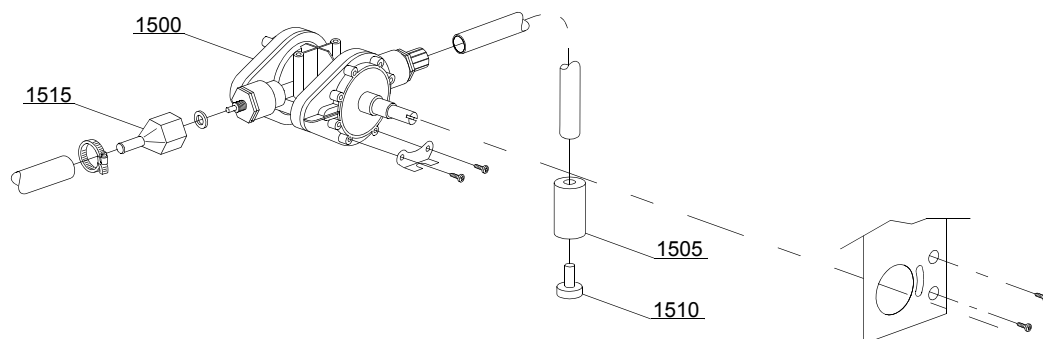
em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

10_002_e



Spare parts

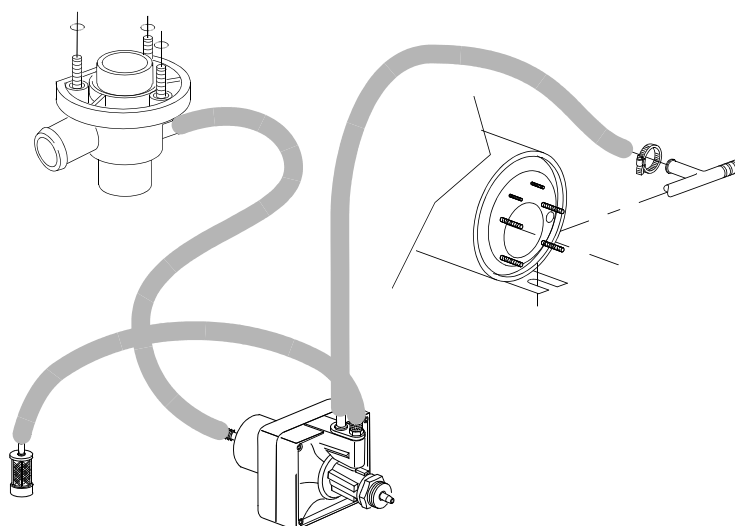
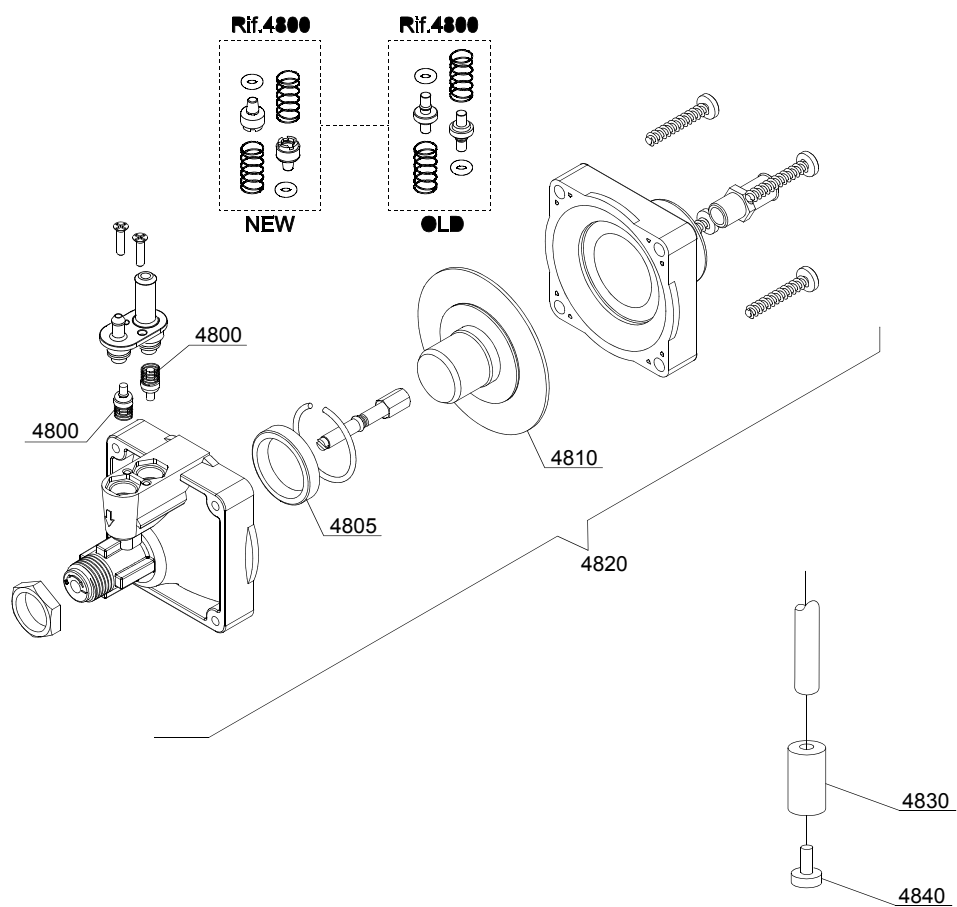
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Rinse aid dispenser group							
1500	10798		-				Rinse aid dispenser
1505	12525		-				Counter-weight
1510	15058		-				Small filter (minimum 3 pieces)
1515	10798/B		-				Brass pipe fitting

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



10_004_e

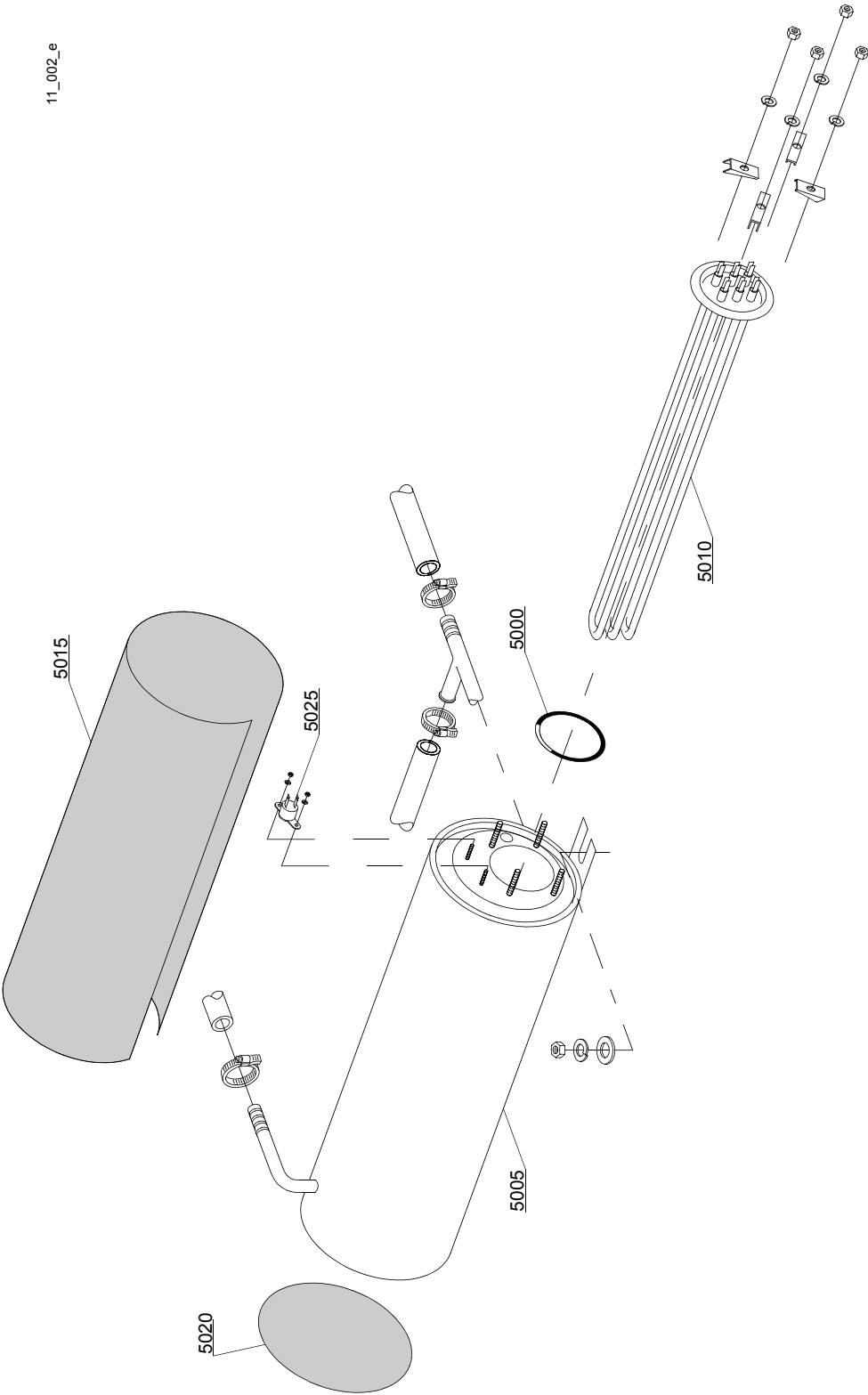
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Rinse aid dispenser group							
4800	10805		-				Tecnopro non return valve
4805	10806		-				Ø22 O-ring
4810	10807		-				Membrane
4820	10799		-				Rinse aid dispenser
4830	12525		-				Counter-weight
4840	15058		-				Small filter (minimum 3 pieces)

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



Spare parts

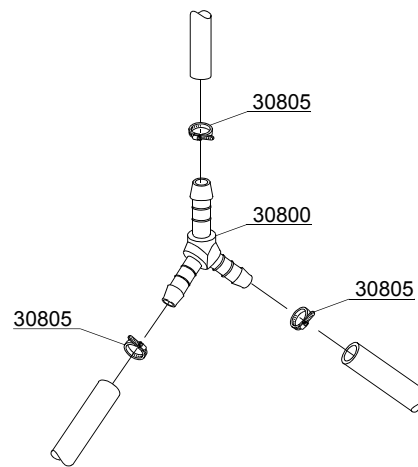
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Boiler group							
5000	13005		-	i,em			OR 151 NBR O-ring (minimum 5 pieces)
5005	150905		-	i,em			Boiler
5010	15089		-	i,em			4,5/4,9KW 230/240V 3 heating element
5010	15089/E		-	i,em			6/6,53KW - 230/240V 3 heating element
5010	15046		-	i,em			3/3,27KW 230/240V 3 heating element
5015	15066		-	i,em			Insulation boiler
5020	15205		-	i,em			Ø160 End piece (minimum 2 pieces)
5025	15550		-	i,em			Safety thermostat

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



12_003ae

Spare parts

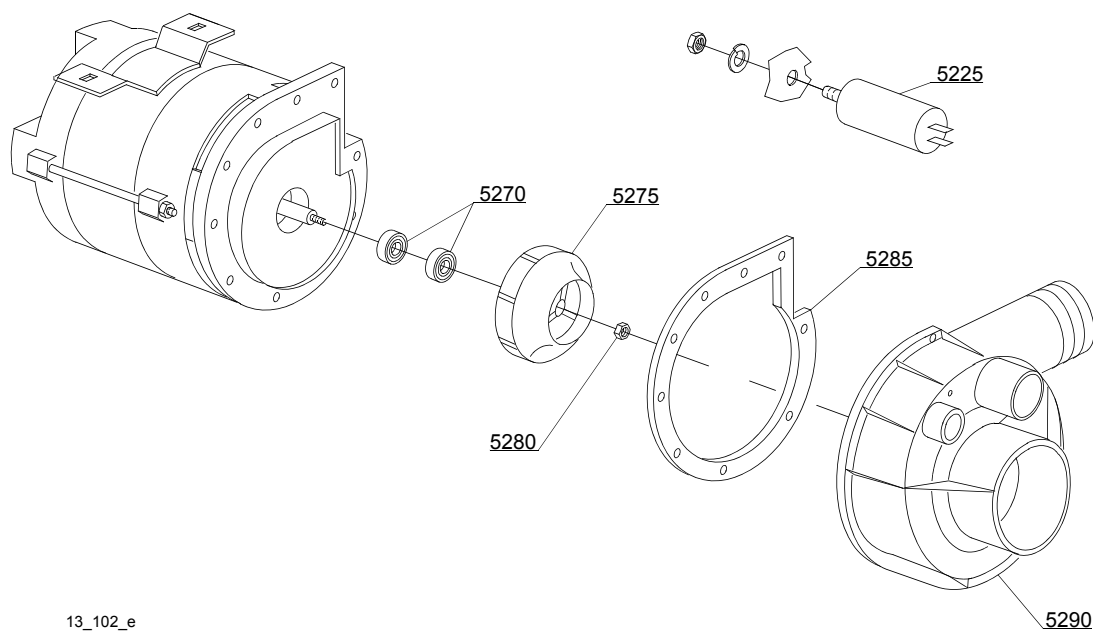
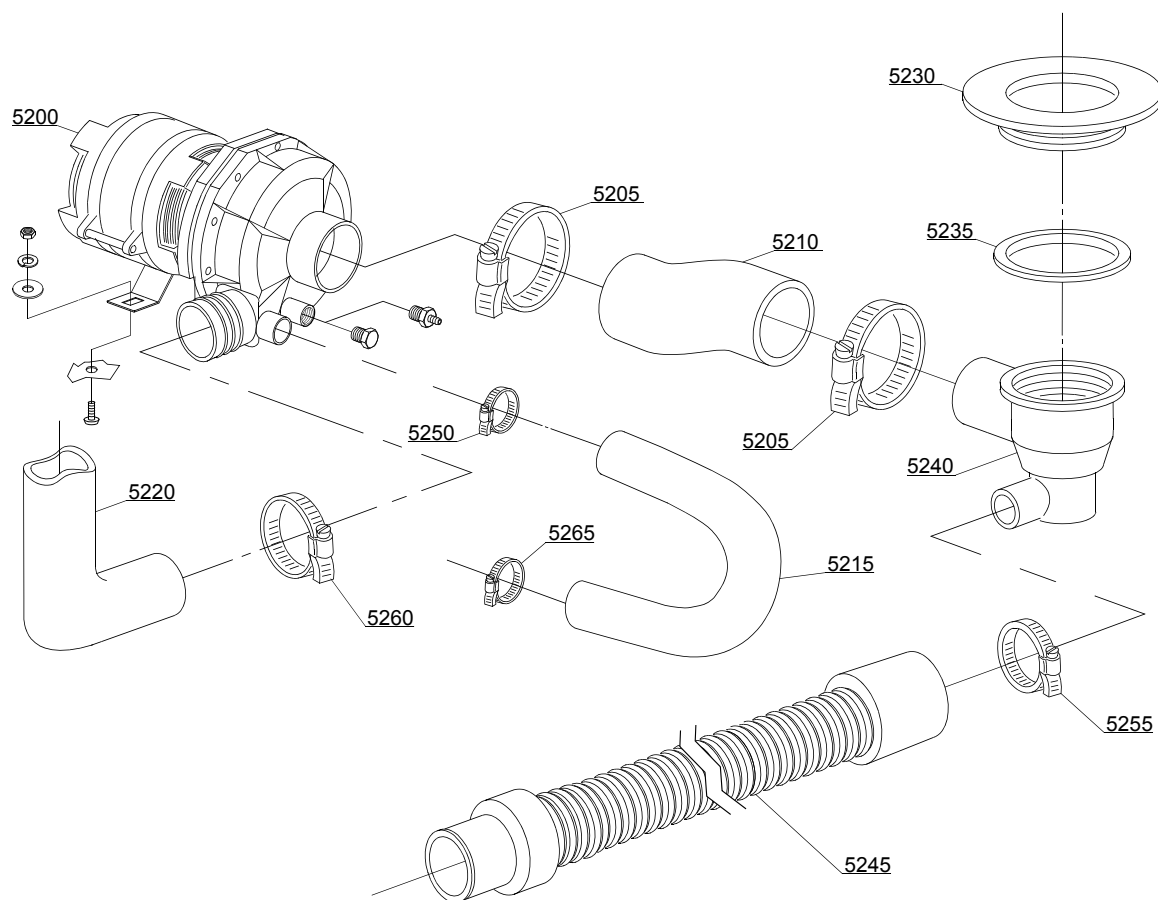
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:3 ways connection							
30800	540091		-	i,em			Ø12 mm plastic 3 ways connection
30805	11807		-	i,em			12/22 clamp (minimum 3 pieces)

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



13_102_e

Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Wash pump							
5200	15908/A		-	uw,i		A	0,75Hp wash pump - 220/240V 50Hz
5200	15908/O		-	uw,i			0,75Hp - 200Vac 50Hz wash pump
5200	15908/D		-	uw,i			1Hp wash pump - 220/240Vac 50Hz
5200	15908/E		-	uw,i		A	0,75Hp wash pump - 440V/3/60Hz
5205	11824		-	uw,i			50/70 clamp (minimum 2 pieces)
5210	25032		-	uw,i			Suction pipe coupling
5215	560014		-	uw,i			Pump/lower wash turret delivery pipe
5220	560008		-	uw,i			Top delivery pipe
5225	15081		-	uw,i			12,5 uF condenser
5230	500601		-	uw,i			Ring nut
5235	80208		-	uw,i			95x75x3 O-ring (minimum 2 pieces)
5240	500606		-	uw,i			Right side scrap tray
5245	10727		-	uw,i			Drain pipe
5250	11806		-	uw,i			25/40 clamp (minimum 2 pieces)
5255	11807		-	uw,i			12/22 clamp (minimum 3 pieces)
5260	11810		-	uw,i			40/60 clamp (minimum 2 pieces)
5265	11809		-	uw,i			30/45 clamp (minimum 2 pieces)
5270	15080/C		-	uw,i			Rotating seals
5270	15080		-	uw,i			Rotating seals (1HP)
5275	15079/B		-	uw,i			Pump rotor
5275	15912		-	uw,i			Pump rotor (1HP)
5280	11724		-	uw,i			M6 stainless steel nut
5285	15079/D		-	uw,i			O-ring
5290	15031/E		-	uw,i			Scroll

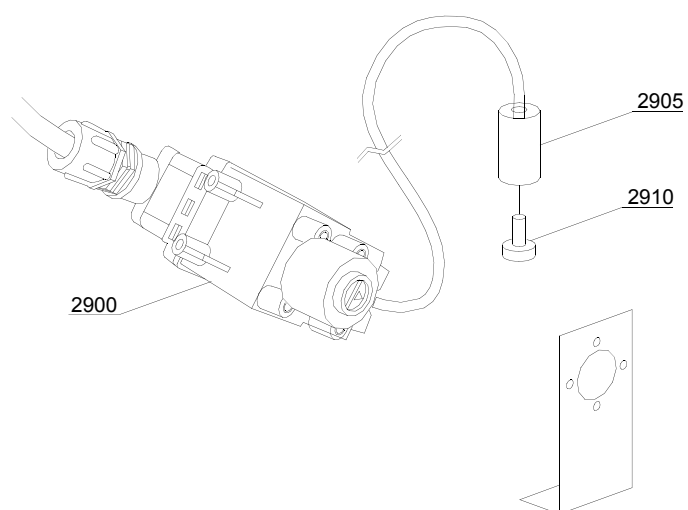
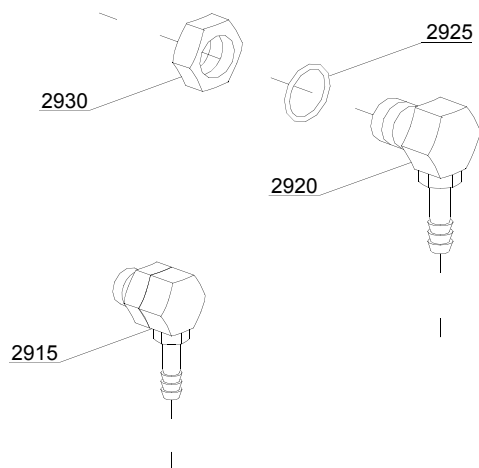
em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

14_002_e



Spare parts

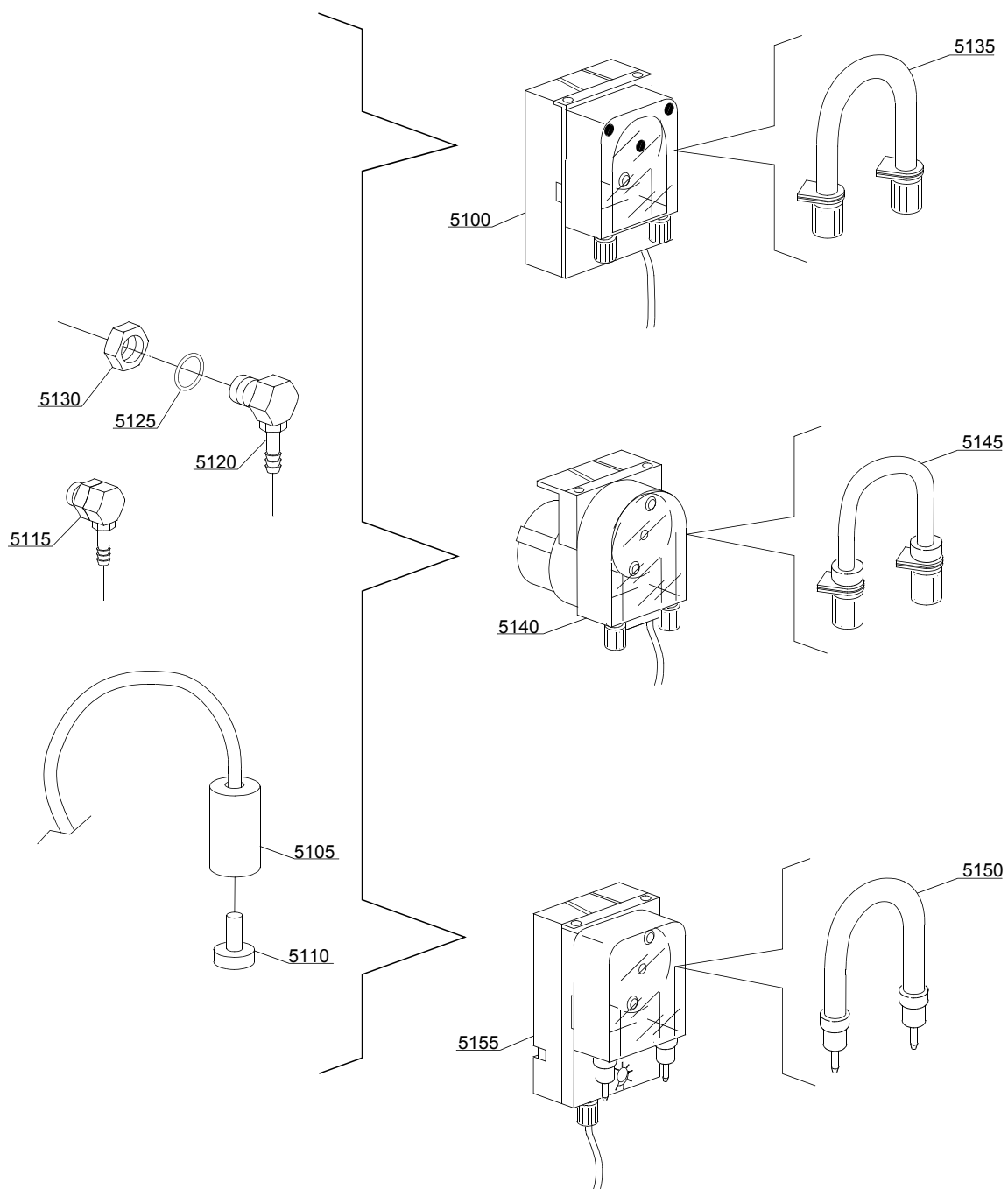
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Dosing detergent group							
2900	15108/L		-	i,em	dd		Lang detergent pump
2905	12525		-	i,em	dd		Counter-weight
2910	15058		-	i,em	dd		Small filter (minimum 3 pieces)
2915	15123		-	i,em	dd		Compleat plastic injector
2920	15148		-	i,em	dd		Steel injector
2925	15159		-	i,em	dd		OR O-ring (minimum 2 pieces)
2930	10200205		-	i,em	dd		M12x1 stainless steel nut (minimum 2 pieces)

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



14_004_e

Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Dosing detergent group							
5100	15985		-	i,em	dd		Seko detergent pump
5105	12525		-	i,em	dd		Counter-weight
5110	15058		-	i,em	dd		Small filter (minimum 3 pieces)
5115	15123		-	i,em	dd		Compleat plastic injector
5120	15148		-	i,em	dd		Steel injector
5125	15159		-	i,em	dd		OR O-ring (minimum 2 pieces)
5130	10200205		-	i,em	dd		M12x1 stainless steel nut (minimum 2 pieces)
5135	15185		-	i,em	dd		Seko thermoplastic pipe
5140	15985		-	i,em	dd		Germac detergent pump
5145	15108/E		-	i,em	dd		Germac thermoplastic pipe
5150	15985/A			i,em	dd		Plas Cont thermoplastic pipe
5155	15985			i,em	dd		Plas Cont detergent pump

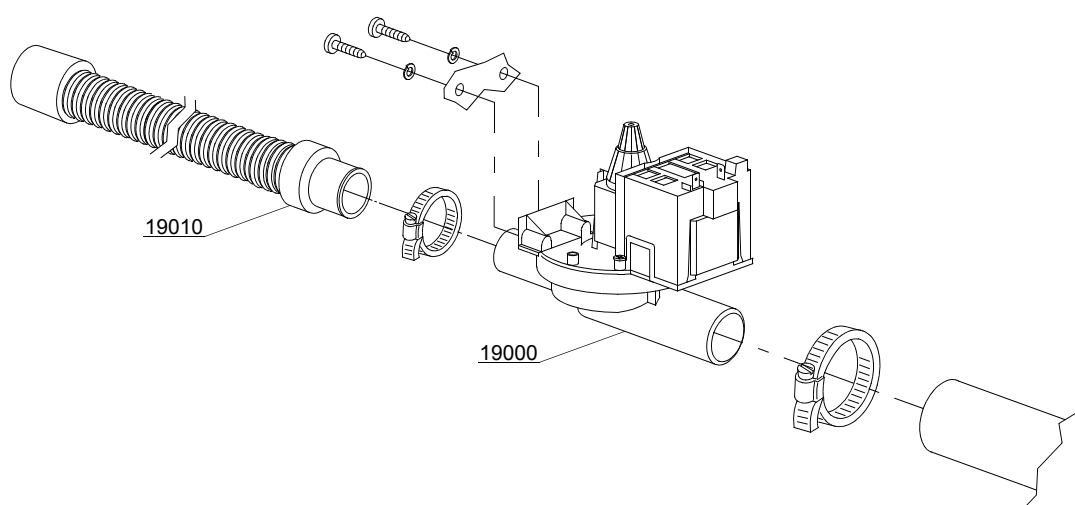
em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

15_002_e



Spare parts

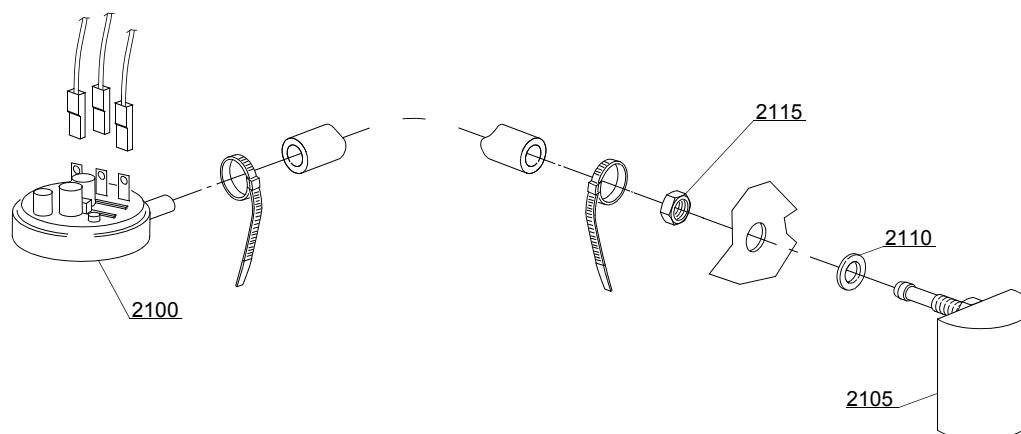
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Drain pump group							
19000	15101/A		-	i,em	dp	A	Drain pump - 50Hz
19000	15101/B		-	i,em	dp		Drain pump - 220V 60Hz

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



16_001_e

Spare parts

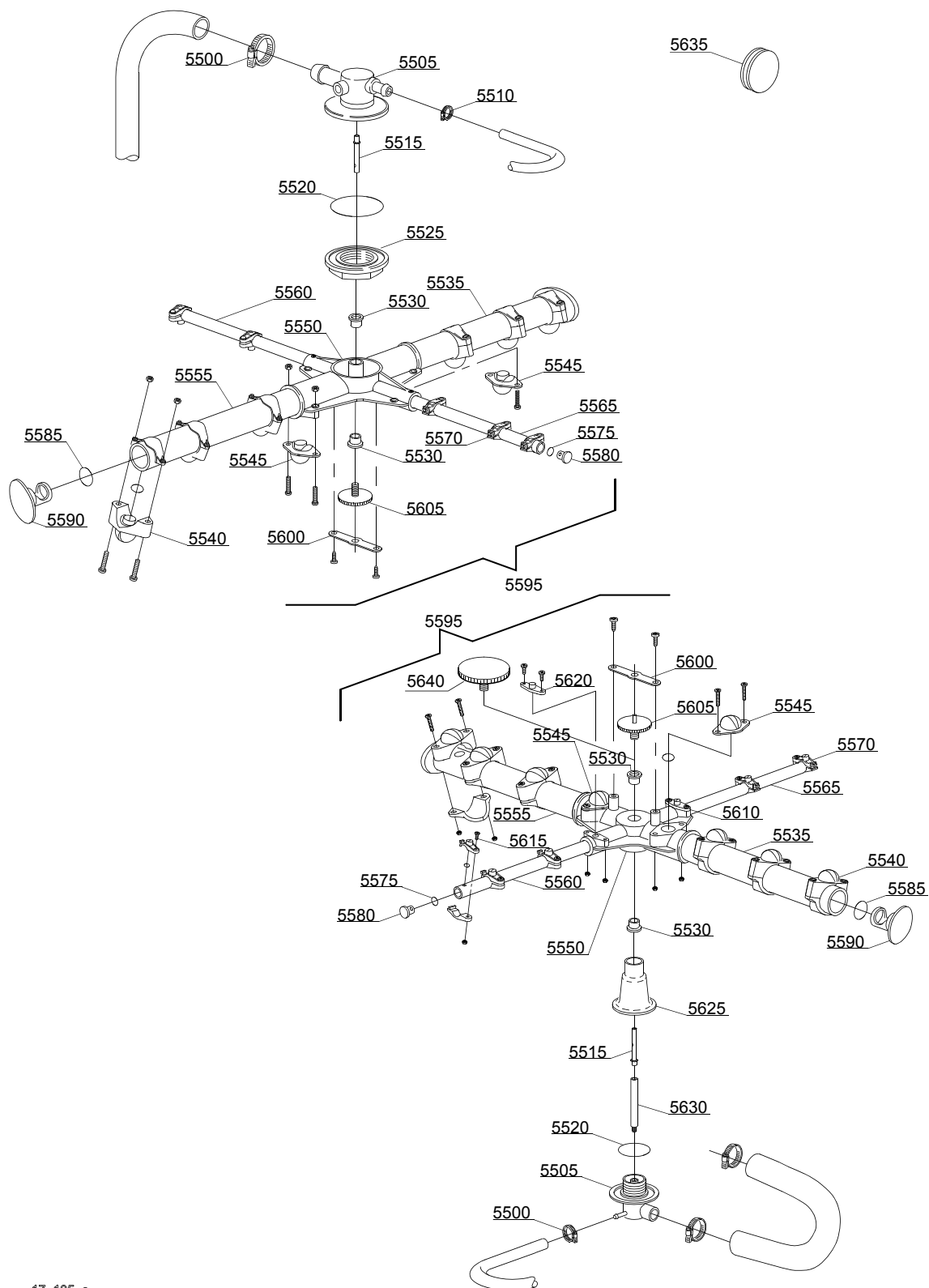
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Pressure switch group with air trap							
2100	10706/A		-	i,em			47-27 pressure switch
2105	135911/D		-	i,em			Air-trap assembly
2110	13301		-	i,em			O-ring (minimum 10 pieces)
2115	11702		-	i,em			M8 stainless steel nut (minimum 10 pieces)

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



17_105_8

Spare parts

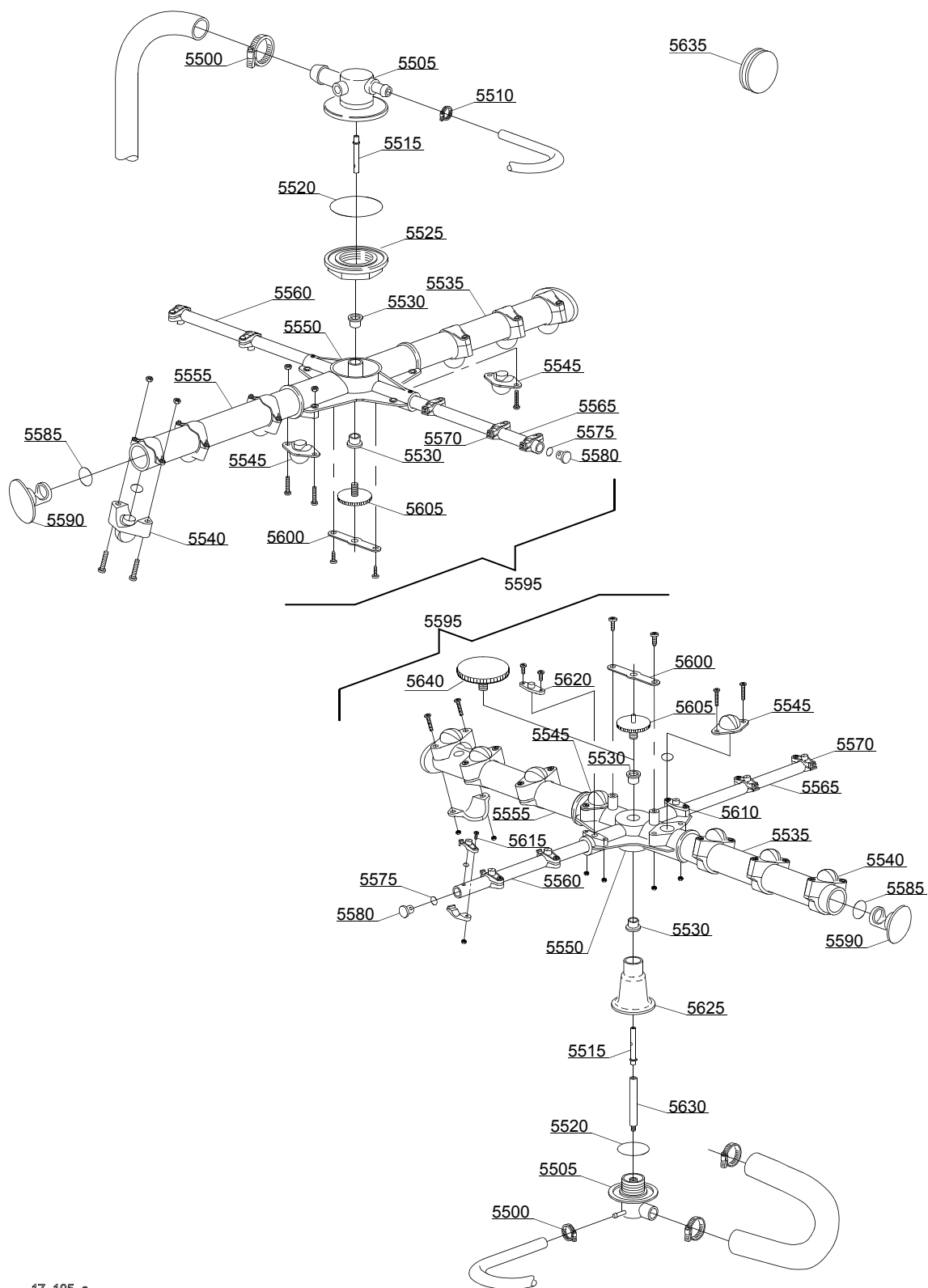
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Turret group with rotating arms							
5500	11806		-	em,uw,i			25/40 clamp (minimum 2 pieces)
5505	500612		-	em,uw,i			Top/lower turret
5510	11807		-	em,uw,i			12/22 clamp (minimum 3 pieces)
5515	15300		-	em,uw,i			Ø10x51 lower/top rinse axle
5520	13015		-	em,uw,i			6225 OR 160 NBR O-ring (minimum 5 pieces)
5525	500610		4017773	em,uw,i			Ring nut for fixing turret
5525	500623	4017774	-	em,uw,i			Ring nut for fixing turret
5530	13319		-	em,uw,i			Sliding washer (minimum 2 pieces)
5535	15571		-	em,uw,i			Ø28 right wash pipe
5540	10211		-	em,uw,i			Ø28 raised nozzle (minimum 2 pieces)
5545	10218		-	em,uw,i			Ø28 opened plane nozzle (minimum 2 pieces)
5550	10209		-	em,uw,i			4 ways big rotor
5555	15572		-	em,uw,i			Ø28 left wash pipe
5560	15575		-	em,uw,i			Right rinse pipe
5565	15576		-	em,uw,i			Left rinse pipe
5570	12528		-	em,uw,i			Ø10 complet rinse nozzle (minimum 2 pieces)
5575	13016		-	em,uw,i			2018 OR 103 NBR O-ring (minimum 10 pieces)
5580	12532		-	em,uw,i			Ø10 plastic plug (minimum 3 pieces)
5585	13018		-	em,uw,i			OR 2087 NBR O-ring (minimum 10 pieces)
5590	10257		-	em,uw,i			Ø28 plastic plug (minimum 3 pieces)
5595	15956		-	em,uw,i			Ø28 wash/rinse group
5600	10210		-	em,uw,i			Blocking ring nut rotor plaque
5605	11101/I		-	em,uw,i			Stainless steel group fixing screw
5610	10217		-	em,uw,i			Ø10 closed plane nozzle (minimum 2 pieces)
5615	11004		-	em,uw,i			4x10 TCB Ø8 spax toothed screw
5620	10213		-	em,uw,i			Ø10 opened plane nozzle (minimum 2 pieces)
5625	560004		4010319	em,uw,i			Lower pipe coupling
5625	560024	4010320	-	em,uw,i			Lower pipe coupling

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



17_105_8

Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Turret group with rotating arms							
5630	560005		-	em,uw,i			Lower rinse axle
5635	13316/A		-	em,uw,i			DVGW hole O-ring

em=ELECTROMECHANICAL SWITCHES, lw=LOWER WASHING, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

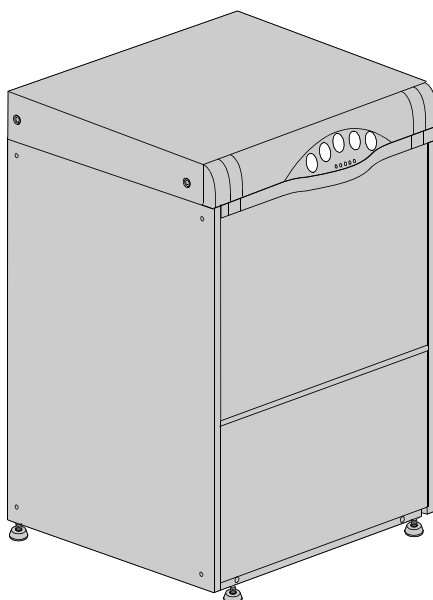
DISHWASHER

ELECTROMECHANICAL SWITCHES
LOWER AND UPPER WASHING
INSULATED MODEL

TYPE: 29P

Accessories
BREAK TANK
BOOSTER PUMP
DVGW
COLD RINSE
WATER SOFTNER
DETERGENT DISPENSER
DRAIN PUMP

Spare Parts Manual



1. Spare parts

General body parts.....	5
Lockup system	7
Control panel and switches.....	9
Electric control components.....	11
Solenoid valve group	13
Solenoid valve group	15
Break Tank	17
Rinse with steady temperature.....	19
Booster pump.....	21
DVGW	23
Water softner group.....	25
Rinse aid dispenser group.....	27
Boiler group	29
3 ways connection	31
Wash pump	33
Dosing detergent group.....	35

Drain pump group.....	37
Pressure switch group with air trap ...	39
Turret group with rotating arms	41
Turret group with rotating arms	45

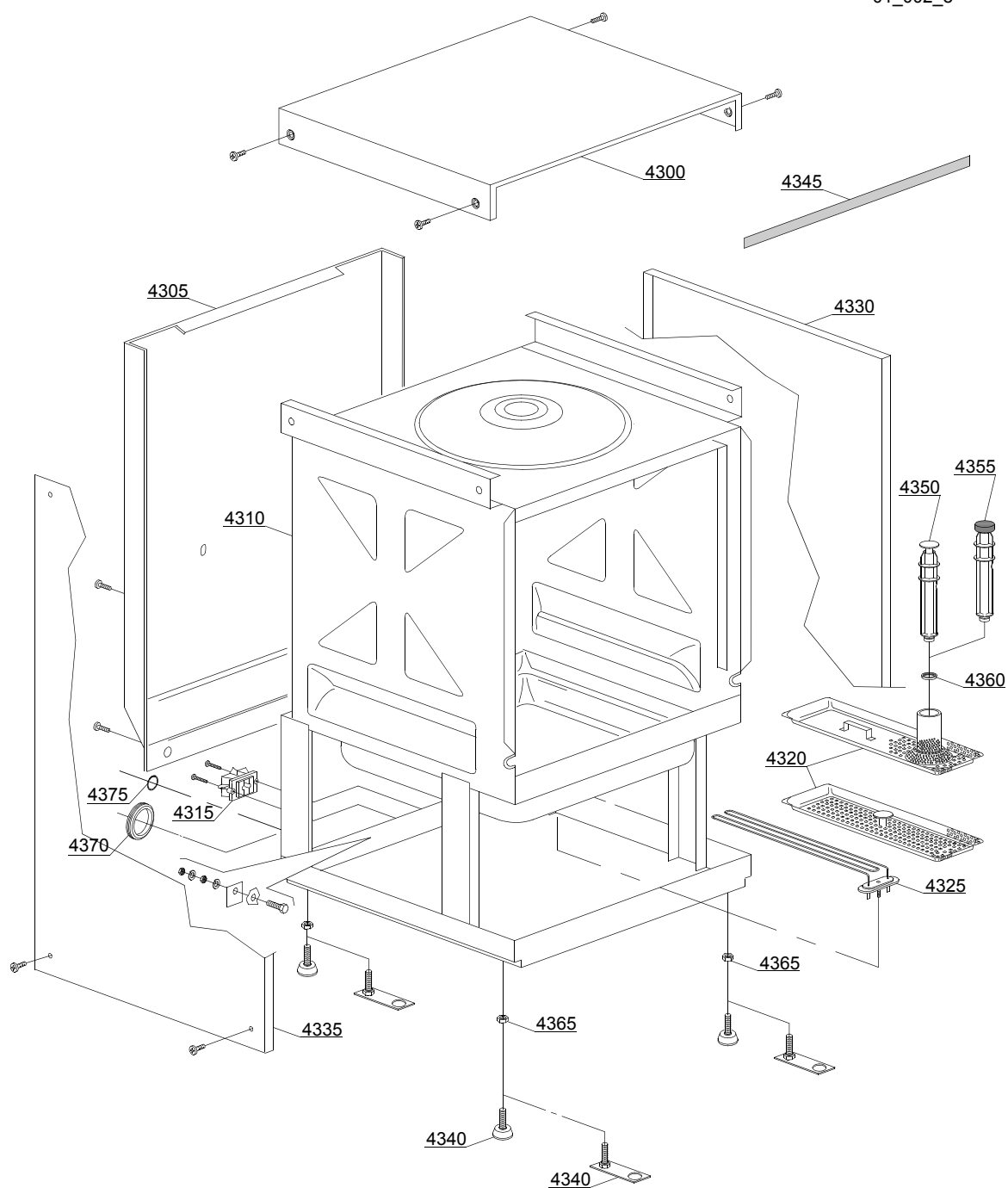
1.1 Voltage codes

Volt	Voltage code
A	3/N/PE~380-400V 50-60Hz
D	3/PE~200-210V 50-60Hz
F	2/PE~220-240V 50-60Hz
G	3/N/PE~415V 50-60Hz
H	3/PE~220-230V 50-60Hz
K	3/PE~380-400V 50-60Hz
L	3/PE~415V 50-60Hz
M	3/PE~440V 60Hz
P	1/N/PE~220-230V 50-60Hz
R	2/PE~220-240V 50-60Hz
U	1/N/PE~240V 50-60Hz
V	3/PE~240V 50-60Hz
W	1/N/PE~100-110V 50-60Hz

1.2 Product codes

Product code	Full name
Model codes	
em	ELECTROMECHANICAL SWITCHES
uw	LOWER AND UPPER WASHING
i	INSULATED MODEL
Type codes	
29P	29P
Accessory codes	
bt	BREAK TANK
bp	BOOSTER PUMP
dvgw	DVGW
cr	COLD RINSE
ws	WATER SOFTNER
dd	DETERGENT DISPENSER
dp	DRAIN PUMP

01_002_e



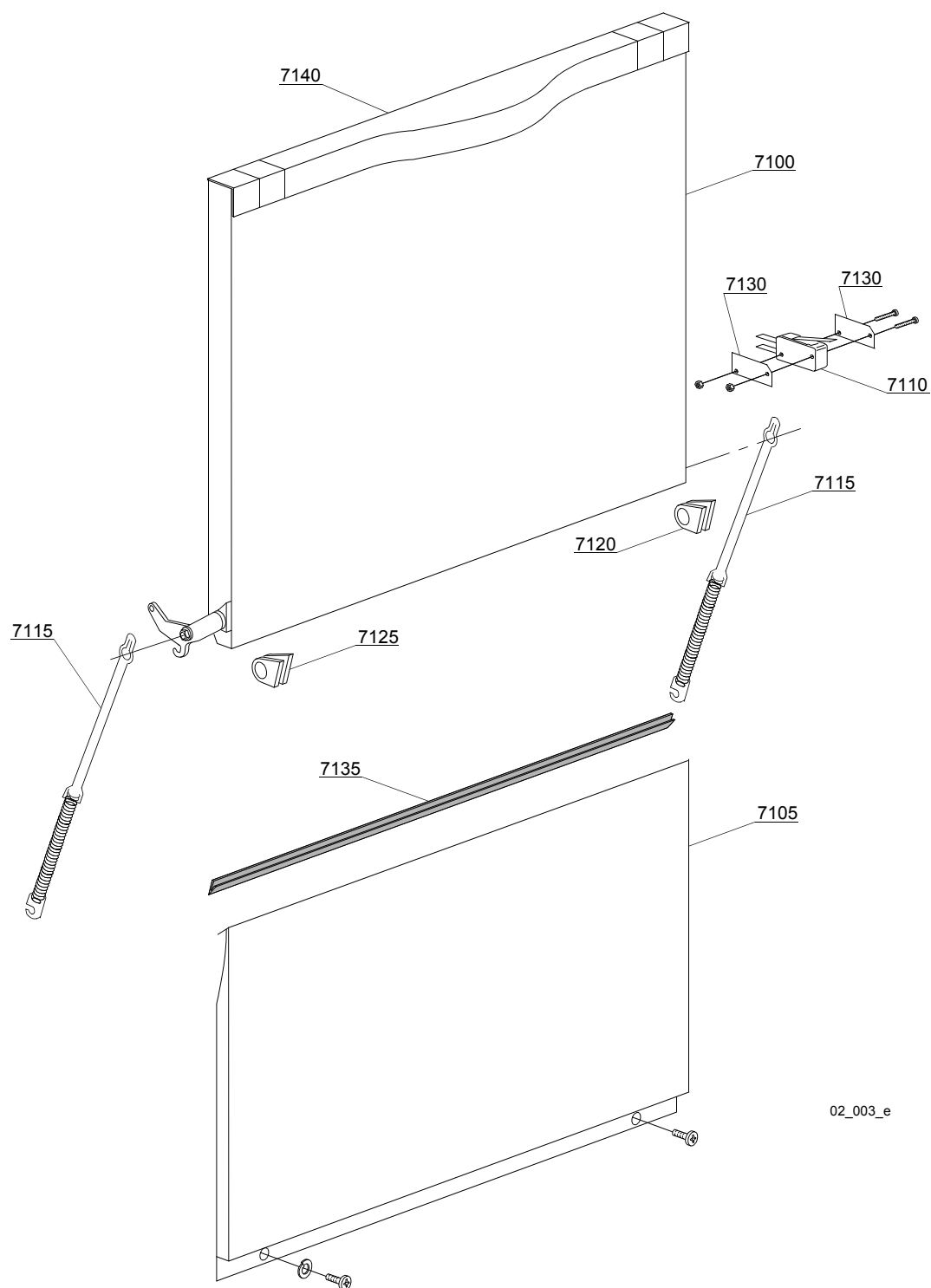
Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:General body parts							
4300	560918		-	i			Cover
4305	560919		-	i			Back panel
4305	560938		-	i	bt		Back panel
4310	560900		-	i			Body
4310	560928		-	i	ws		Body
4315	15065/A		-	i			Cable-fastener with screw
4320	560925		-	i			Surface filter
4325	150047		-	i			2,7/2,94KW 230/240V heating element
4330	560914		-	i			Right side
4335	560915		-	i			Left side
4340	10786		-	i			M10x25 Ø40 black foot (minimum 4 pieces)
4340	15176		-	i			M10 marina foot
4345	560021		-	i			Profile for door O-ring
4350	500619		-	i			Overflow pipe
4355	560020		-	i	dp		Overflow pipe
4360	13021		-	i			DEM 40 O-ring (minimum 2 pieces)
4365	11711		-	i			M10 zinc plated nut (minimum 20 pieces)
4370	13317		-	i			D.40mm unloading pipe pass (minimum 2 pieces)
4375	13323		-	i			D.13mm dosing pipe pass (minimum 2 pieces)

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL
29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



02_003_e

Spare parts

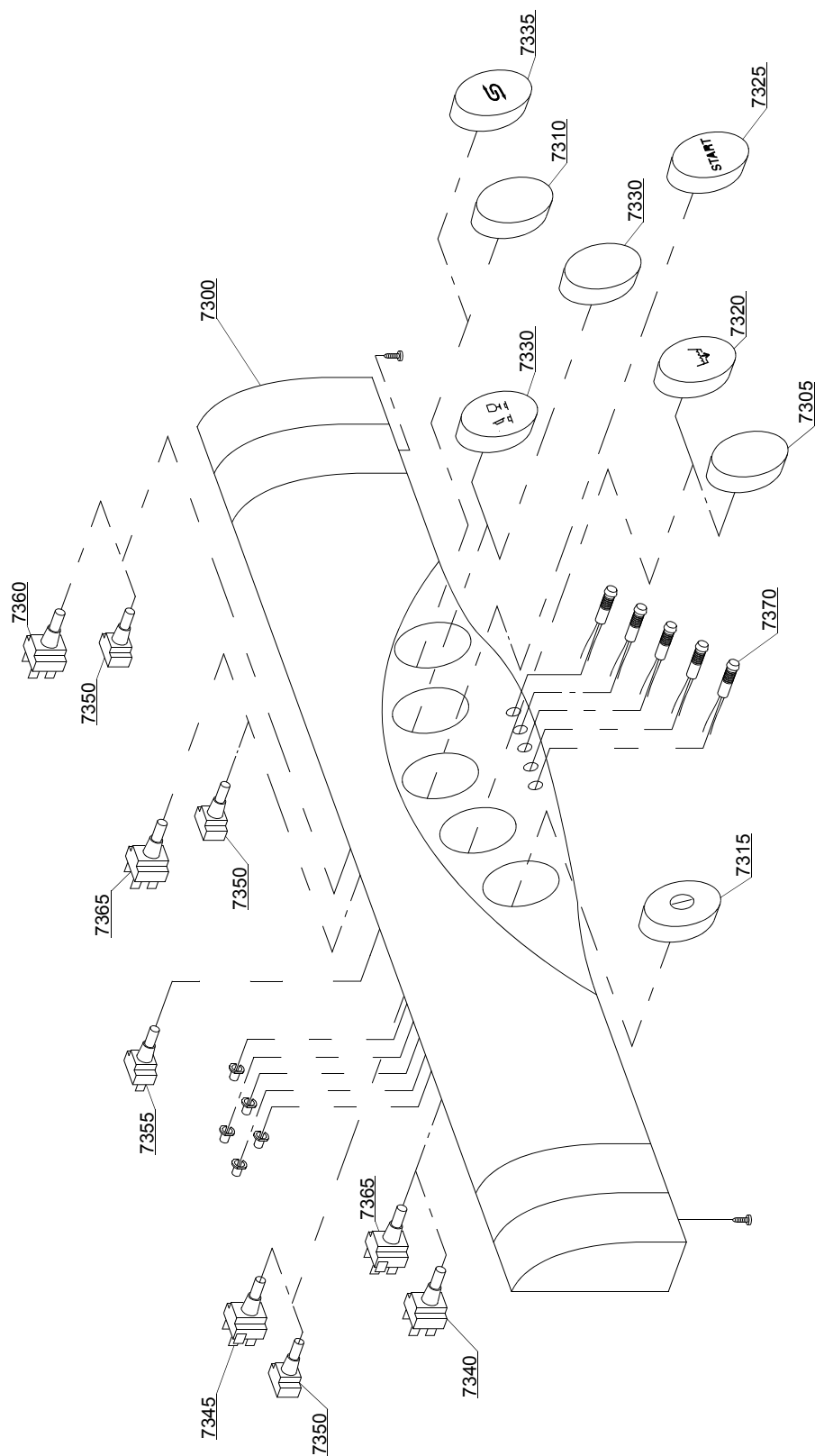
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Lockup system							
7100	560916		-				Door with plastic handle
7105	560920		-				Lower door
7110	10704		-				Door microswitch
7115	560003		-				Door spring
7120	560006		-				Right axle bush for door hinge (minimum 2 pieces)
7125	560007		-				Left axle bush for door hinge (minimum 2 pieces)
7130	10770		-				Insulation for door microswitch (minimum 3 pieces)
7135	560013		-				Profile for door O-ring
7140	560550		-				Handle

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



03_102_e

Spare parts

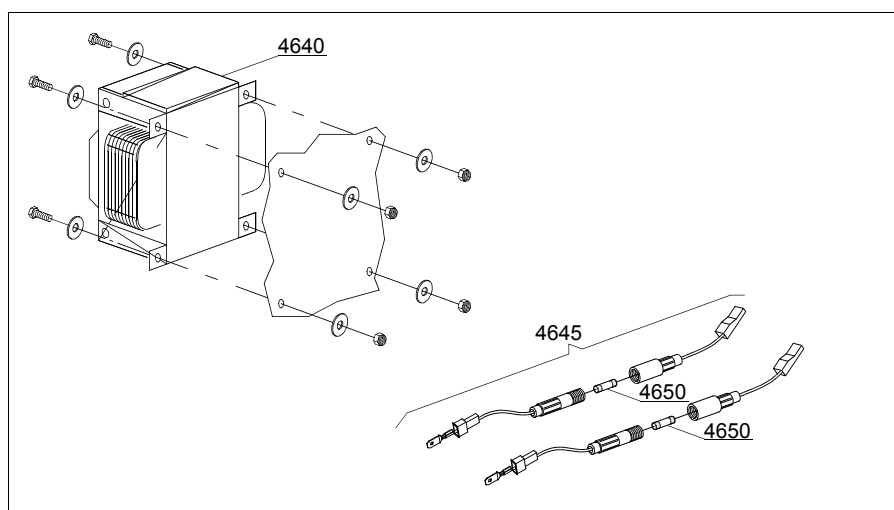
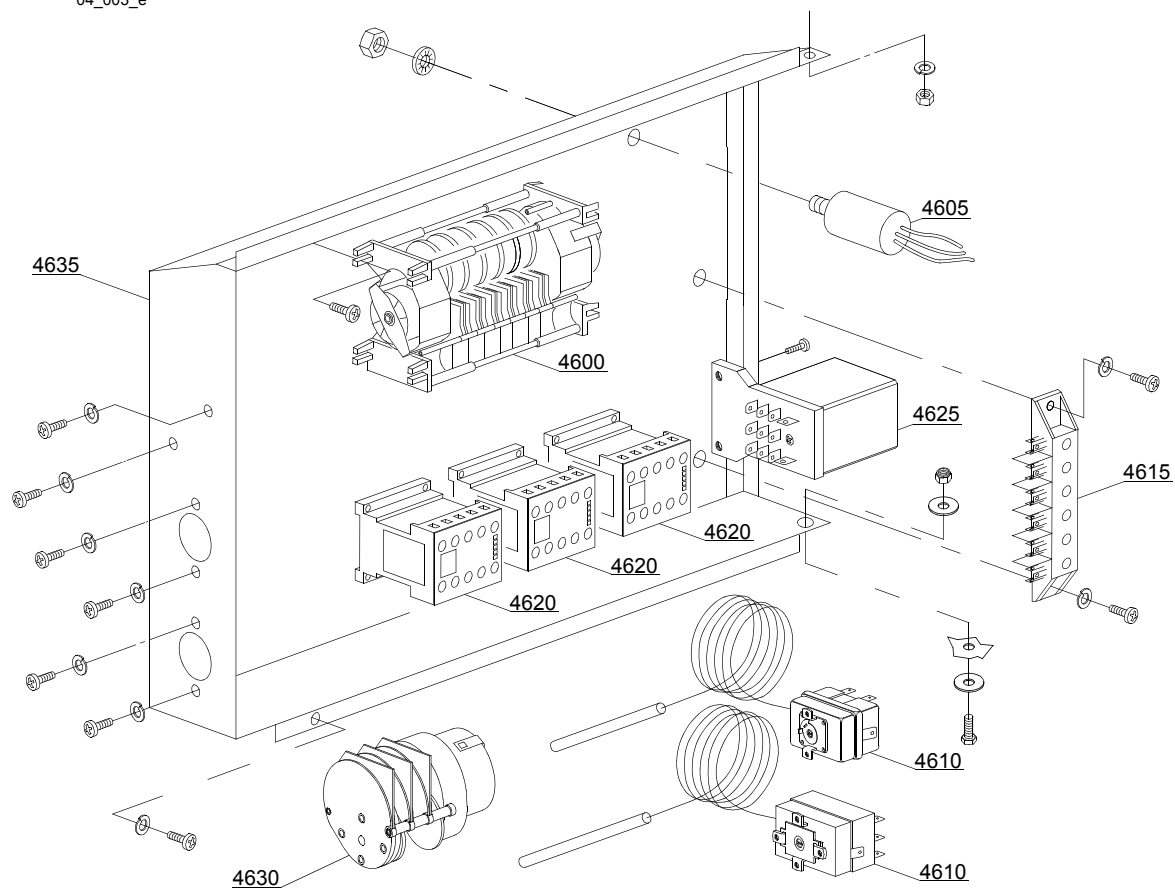
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Control panel and switches							
7300	560501		-				Control panel
7305	560523/A		-				Push button 2 with point
7310	560526/A		-				Push button 5 with point
7315	560527/A		-				ON-OFF push button 1
7320	560528/A		-				Drain pump push button 2
7325	560529/A		-				Start push button 3
7330	560530/A		-				Selector switch push button 4
7335	560531/A		-				Regeneration push button 5
7340	15811		-				16A bipolar switch
7345	15811/A		-				16A bipolar switch
7350	15844		-				Push button support
7355	15813		-				16A unipolar switch
7360	15800		-				16A bipolar switch
7365	15812		-				16A switch
7370	10711		-				230V green pilot light with cables

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL
29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

04_003_e



Spare parts

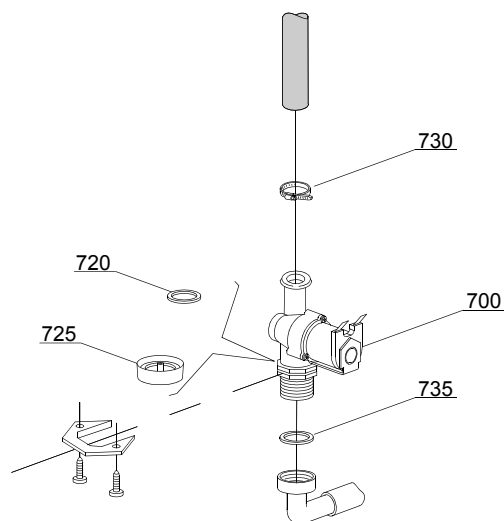
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Electric control components							
4600	10300123		-	i		A	90/180" timer - 230Vac 50Hz
4600	30001028		-	i			120/180" timer - 230Vac 60Hz
4600	22011/A		-	i		A	120/240" timer - 200Vac 50Hz
4600	30001031		-	i		A	120/180" timer with thermostop - 230Vac 50Hz
4600	30001032		-	i			120/180" - 230V 60Hz timer with thermostop
4600	30001030		-	i			120/240" timer with thermostop - 230Vac 50Hz
4605	15146		-	i			Low noise filter
4605	15149		-	i			Low noise filter
4605	15187		-	i			Low noise filter
4610	10707/1		-	i			0-90°C thermostat
4615	500551		-	i			6 poles terminal board
4620	15086		-	i			Contacteur 230V 50/60Hz 4C
4620	15086/B		-	i			Contacteur 240V 50Hz
4620	15086/T		-	i			200Vac3N 50/60HZ contactor
4625	15620		-	i	ws		16A bipolar relay in deviation
4630	16064/A		-	i	ws		Regeneration timer
4635	560921		-	i			Electric components panel
4640	15381		-	i			160Va transformer 0-230-400-415-440/230V
4645	15147		-	i			Fuse-holder
4650	15163		-	i			Fuse (minimum 5 pieces)

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



05_002_e

Spare parts

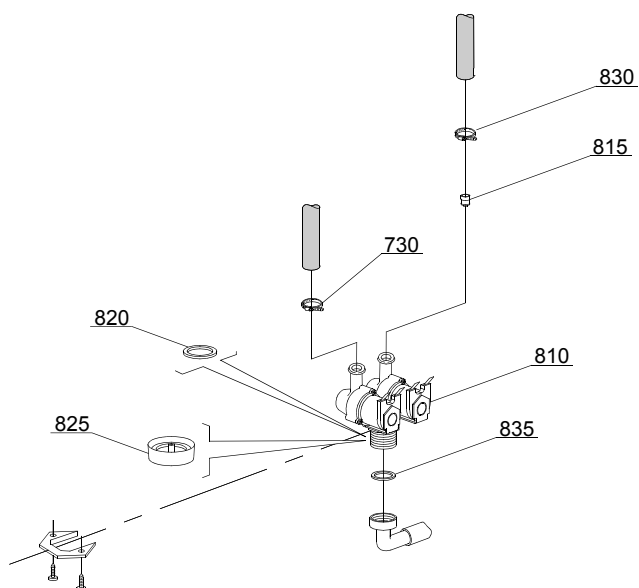
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Solenoid valve group							
700	10703		-	i,em			Single solenoid valve - 230Vac
720	N.C.		-	i,em			Pression reducing valve
730	11807		-	i,em			12/22 clamp (minimum 3 pieces)
735	13307		-	i,em			3/4 gasket

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



05_003_€

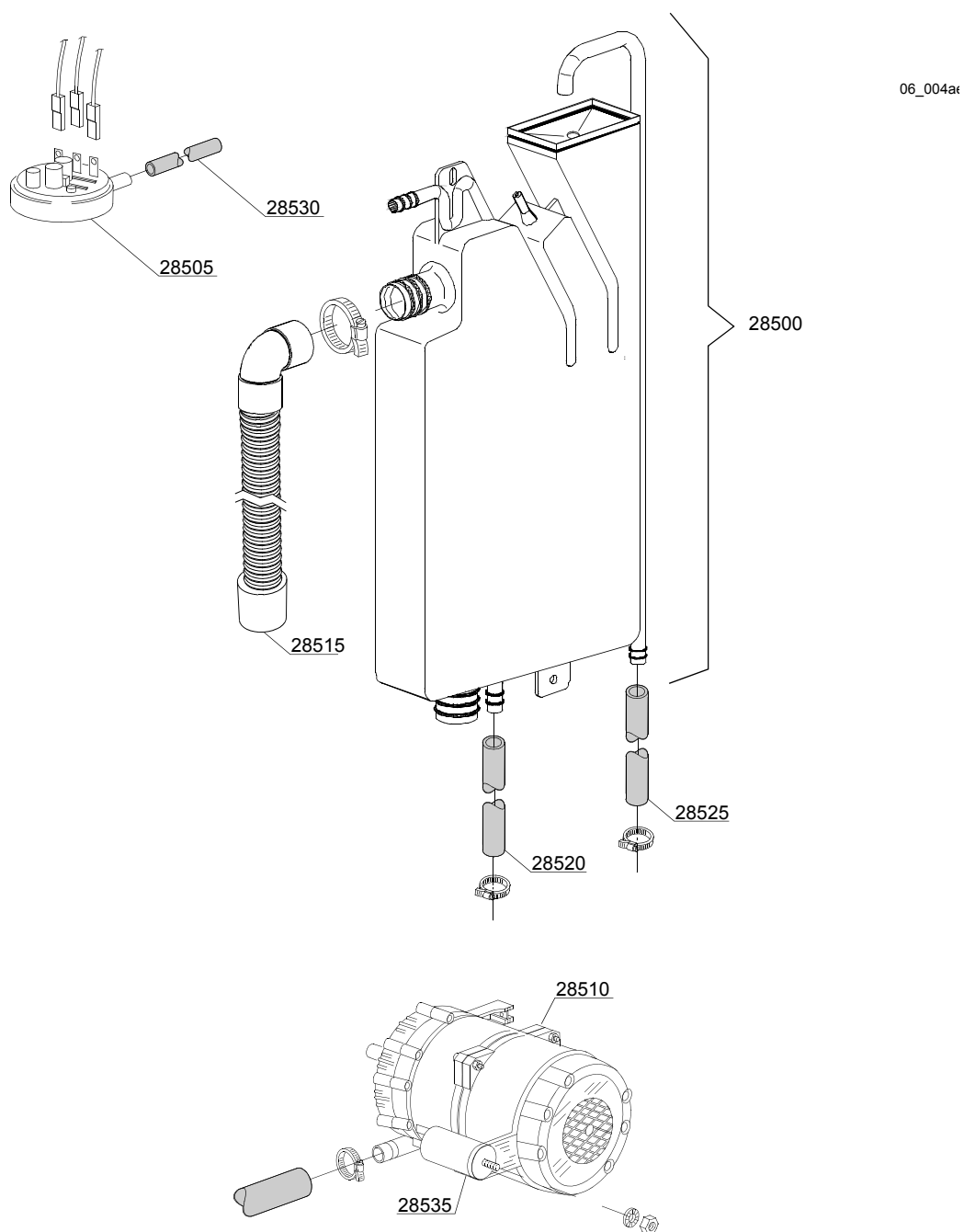
Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Solenoid valve group							
810	15098		-	i,em	cr,ws		Double solenoid valve - Ø10 - 230Vac
815	15115		-	i,em	cr,ws		Green pression solenoid valve for regeneration (minimum 2 pieces)
820	N.C.		-	i,em	cr,ws		Pression reducing valve
830	11807		-	i,em			12/22 clamp (minimum 3 pieces)
835	13307		-	i,em			3/4 gasket

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL
29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Break Tank							
28500	15735		-	i,em	bt		Break tank assembly
28505	10706/A		-	i,em	bt		47-27 pressure switch
28510	15100/D		-	i,em	bt		Booster pump 220/240V - body pumps in plastic
28515	15721		-	i,em	bt		BT long pipe L=1070
28515	15722		-	i,em	bt		BT middle pipe L=920
28515	15723		-	i,em	bt		BT small pipe L=690
28520	2907350		-	i,em	bt		12x20 EPDM rubber hose
28525	2907352		-	i,em	bt		PVC WRAS rubber hose
28530	14508		-	i,em	bt		4,5x9 EPDM rubber hose (minimum 2 mt)
28535	10702		-	i,em	bt		5 uF condenser - 450V

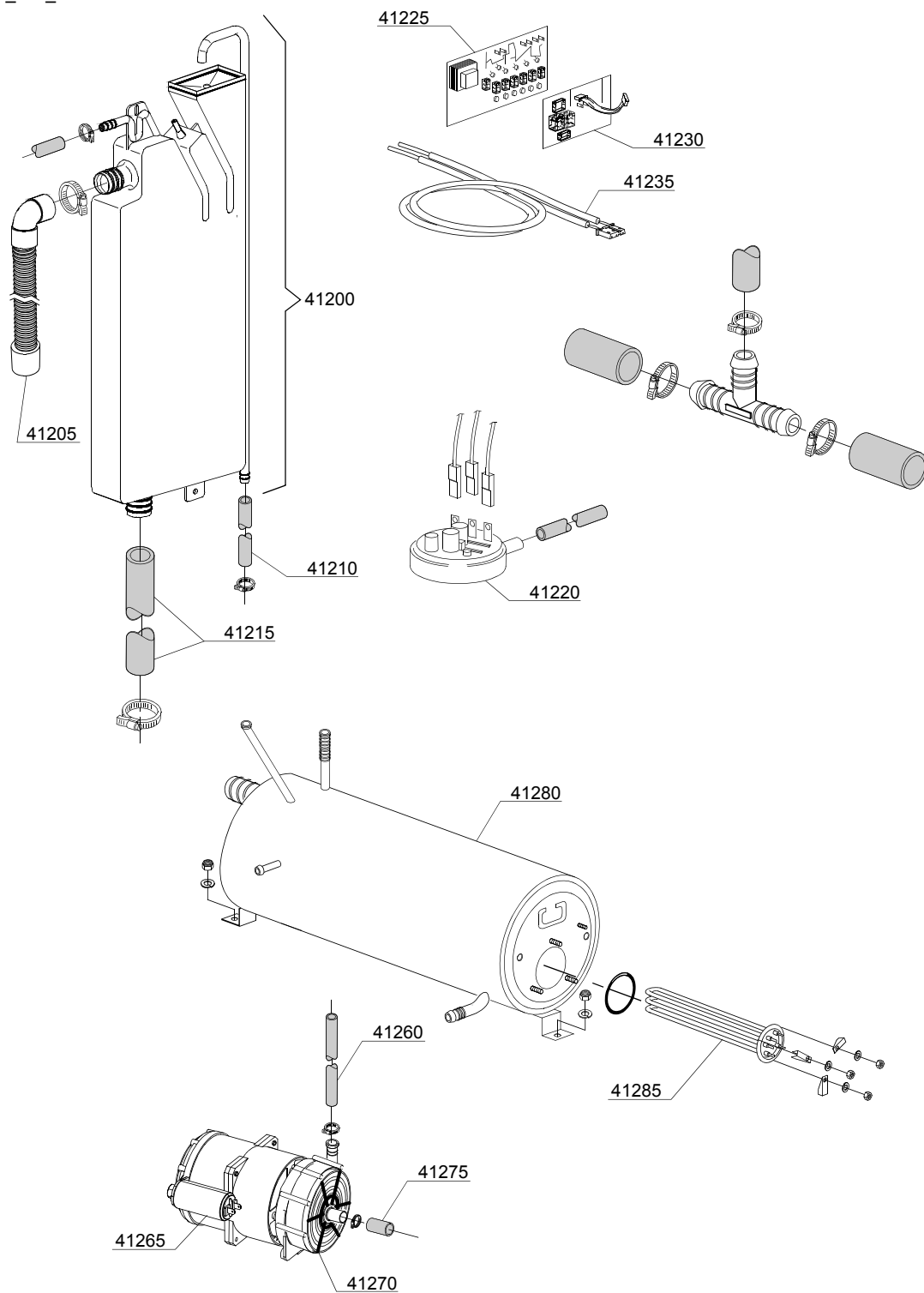
em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

06_006_e



Spare parts

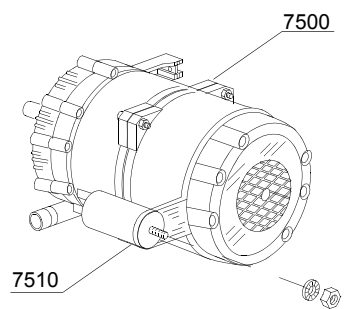
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Rinse with steady temperature							
41200	15720		-				Break tank assembly
41205	15721		-				BT middle pipe L=920
41210	2907352		-				PVC WRAS rubber hose
41215	x		-				Pipe coupling
41220	10706/A		-				34-100 pressure switch
41225	50569		-				Electronic Card without Chip
41230	50559		-				Circuit board DP
41235	50562		-				Sensor
41240	540098		-				3 ways D25
41265	10702		-				5 uF condenser
41270	10508		-				Rinsing pump
41275	10718		-				Pump pipe coupling
41280	560062		-				Boiler
41285	15089		-				Boiler Element 4,5KW 230 / 240 VaC 3
41285	15089/B		-				Boiler Element 4,5KW 240 / 440 V
41285	15089/B		-				Boiler Element 6KW 230 / 240 VaC 3

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



07_003_e

Spare parts

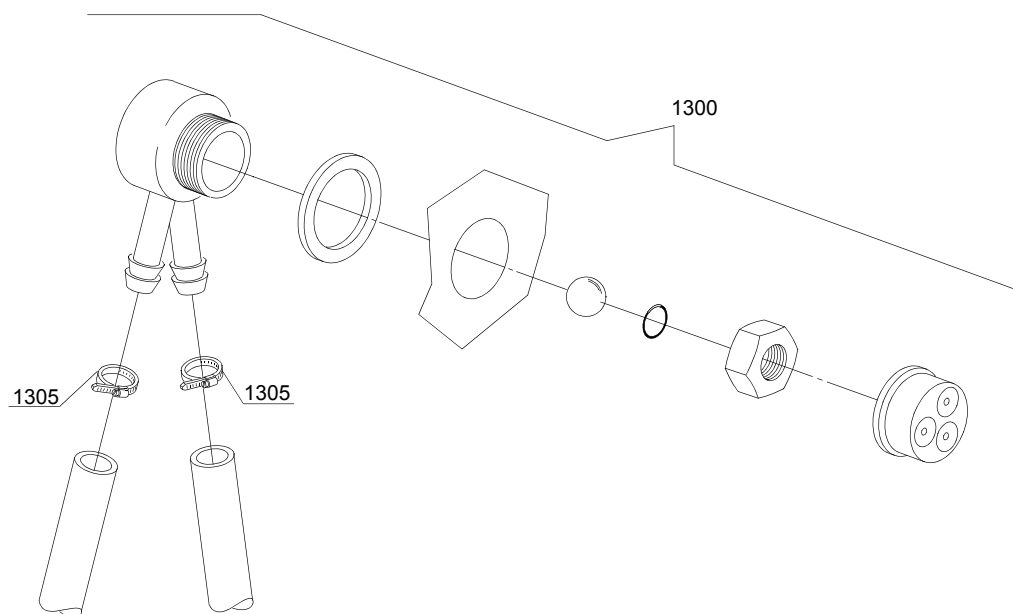
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Booster pump							
7500	15100/D		-	i,em	bp		Booster pump 220/240V - body pumps in brass
7500	15100/D		-	i,em	bp		Booster pump 220/240V - body pumps in plastic
7505	12013		-	i,em	bp		Rubber-holder
7510	10702		-	i,em	bp		5 uF condenser - 450V

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



08_005_e

Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:DVGW							
1300	999900006		-	i,em	dvgw		DVGW assembly
1305	11807		-	i,em			12/22 clamp (minimum 3 pieces)

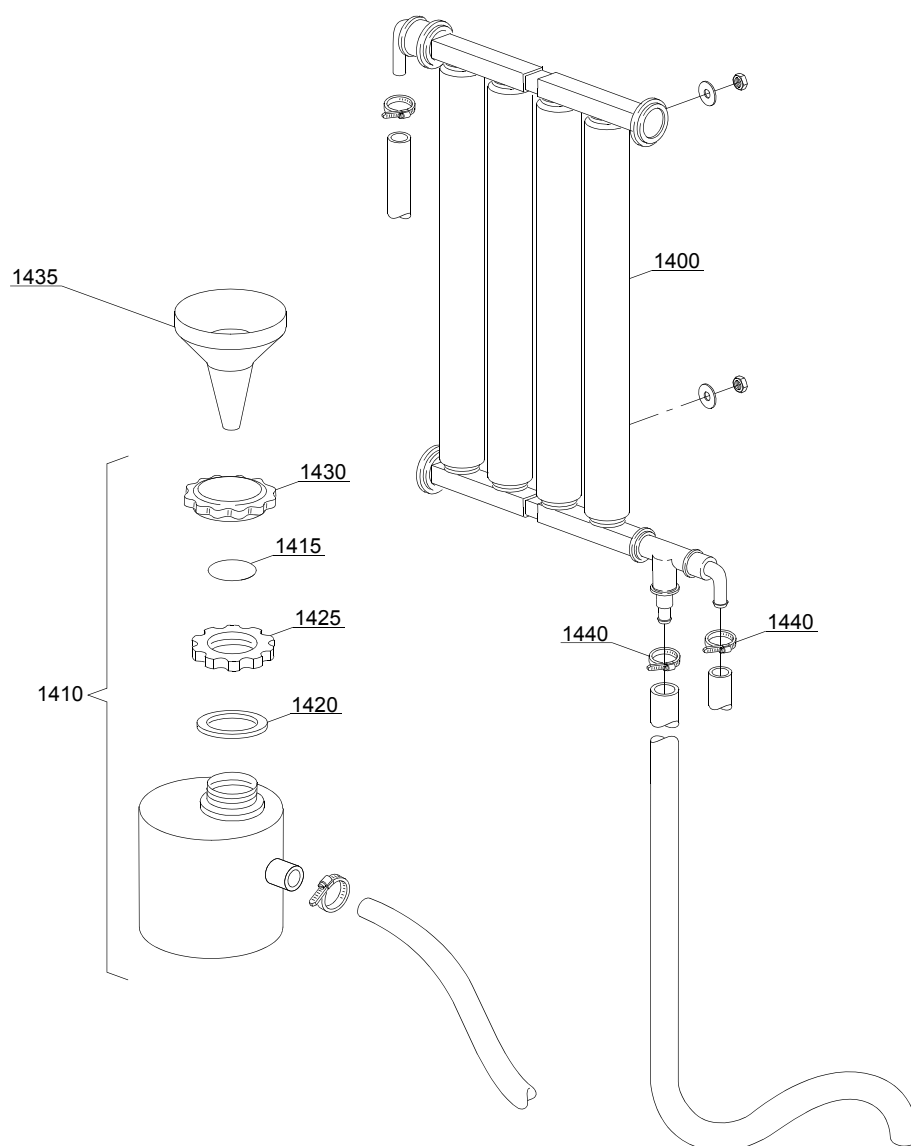
em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

09_001_e



Spare parts

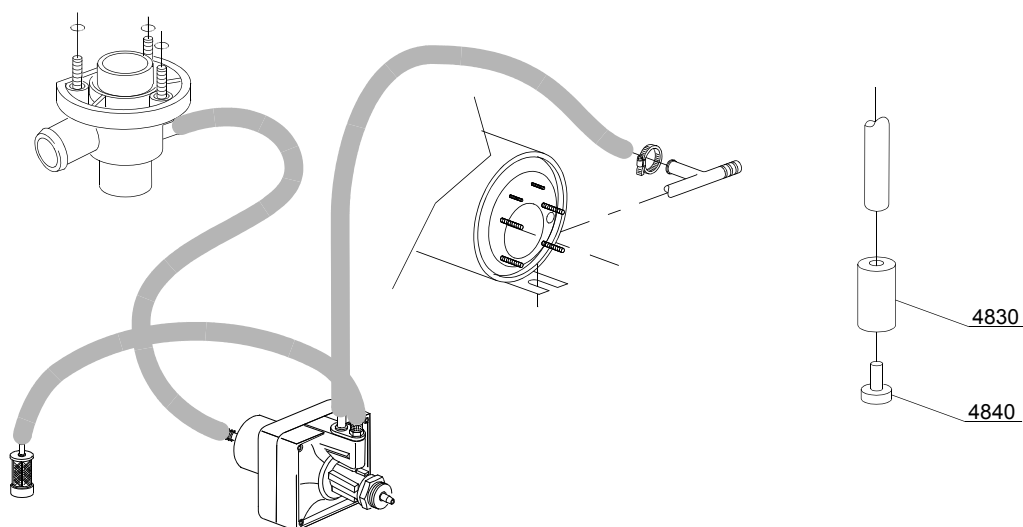
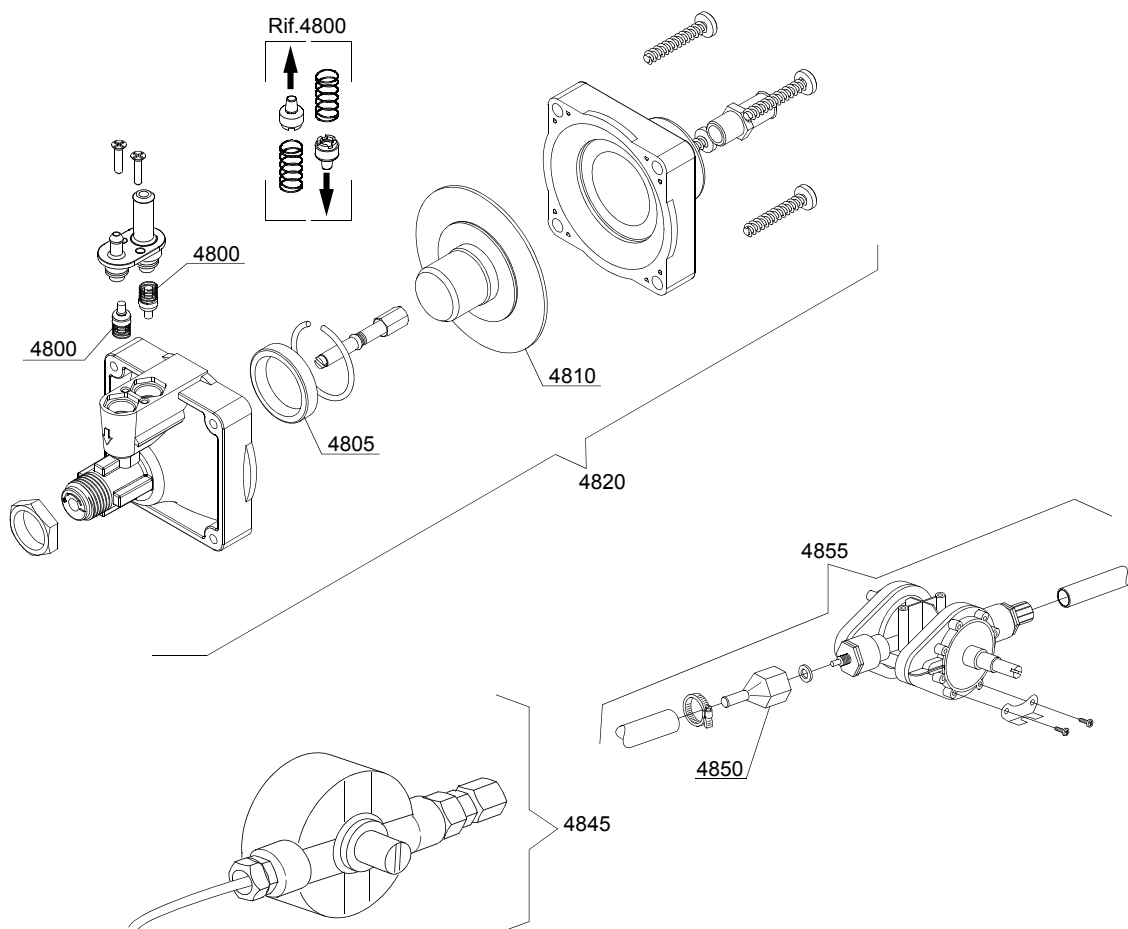
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Water softner group							
1400	16066		-	em	ws		4 elements water softner
1410	16065		-	em	ws		Salt container
1415	16067/A		-	em	ws		OR O-ring
1420	16067/B		-	em	ws		O-ring
1425	16067/C		-	em	ws		Ring nut
1430	16067/D		-	em	ws		Plug
1435	16082		-	em	ws		Funnel
1440	11807		-	em	ws		12/22 clamp (minimum 3 pieces)

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



10_004_e

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Rinse aid dispenser group							
4800	10805		-	em			Tecnopro non return valve
4805	10806		-	em			Ø22 O-ring
4810	10807		-	em			Membrane
4820	10799		-	em			TECNO PRO rinse aid dispenser
4830	12525		-	em			Ballast
4840	15058		-	em			Small filter (minimum 3 pieces)
4845	10799		-	em			GERMAC rinse aid dispenser
4850	10798/B		-	em			Brass pipe fitting
4855	10798		-	em			LANG rinse aid dispenser

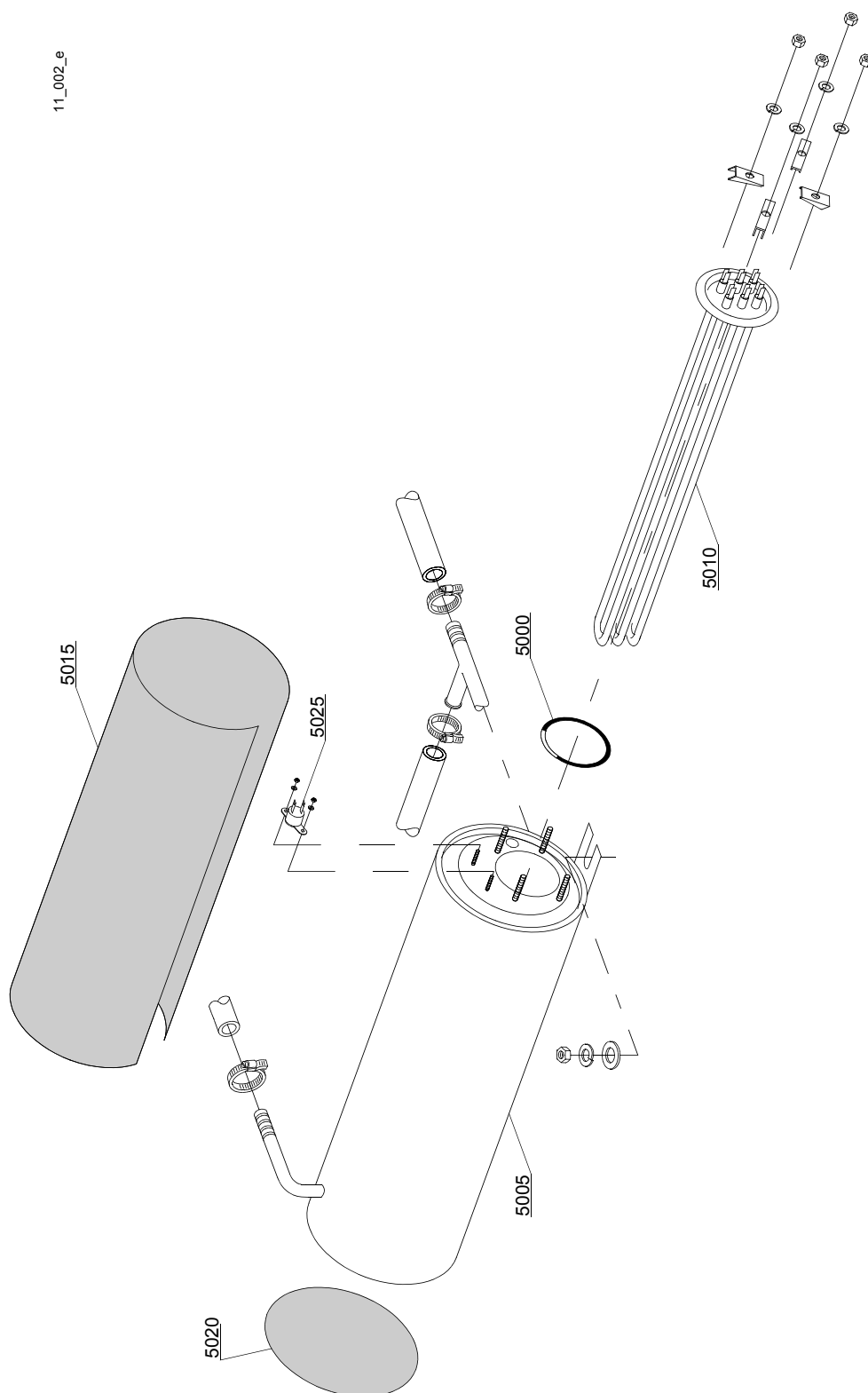
em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

11_002_e



Spare parts

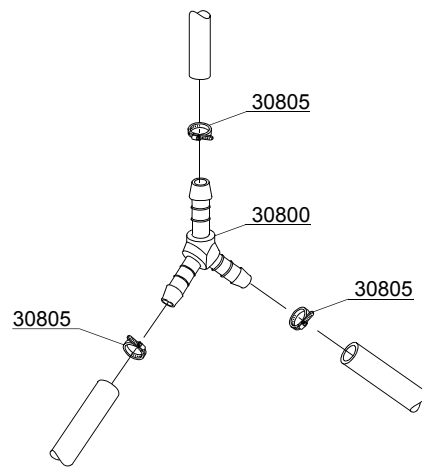
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Boiler group							
5000	13005		-	i,em			OR 151 NBR O-ring (minimum 5 pieces)
5005	150905		-	i,em			Boiler
5010	15089		-	i,em			4,5/4,9KW 230/240V 3 heating element
5010	15089/E		-	i,em			6/6,53KW - 230/240V 3 heating element
5015	15066		-	i,em			Insulation boiler
5020	15205		-	i,em			Ø160 End piece (minimum 2 pieces)
5025	15550		-	i,em			Safety thermostat

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



12_003ae

Spare parts

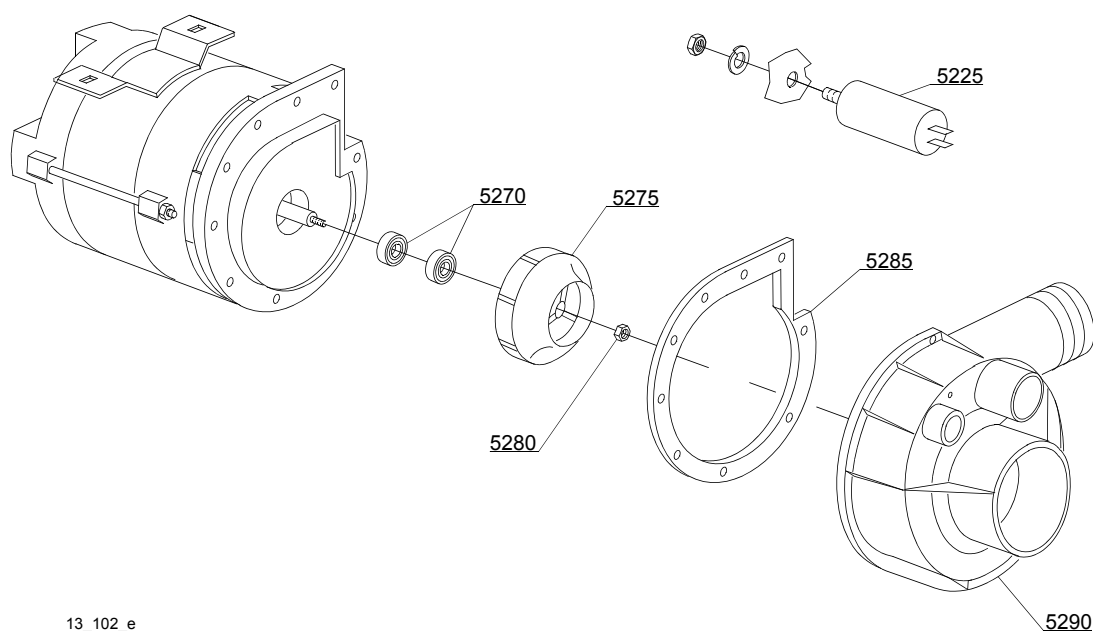
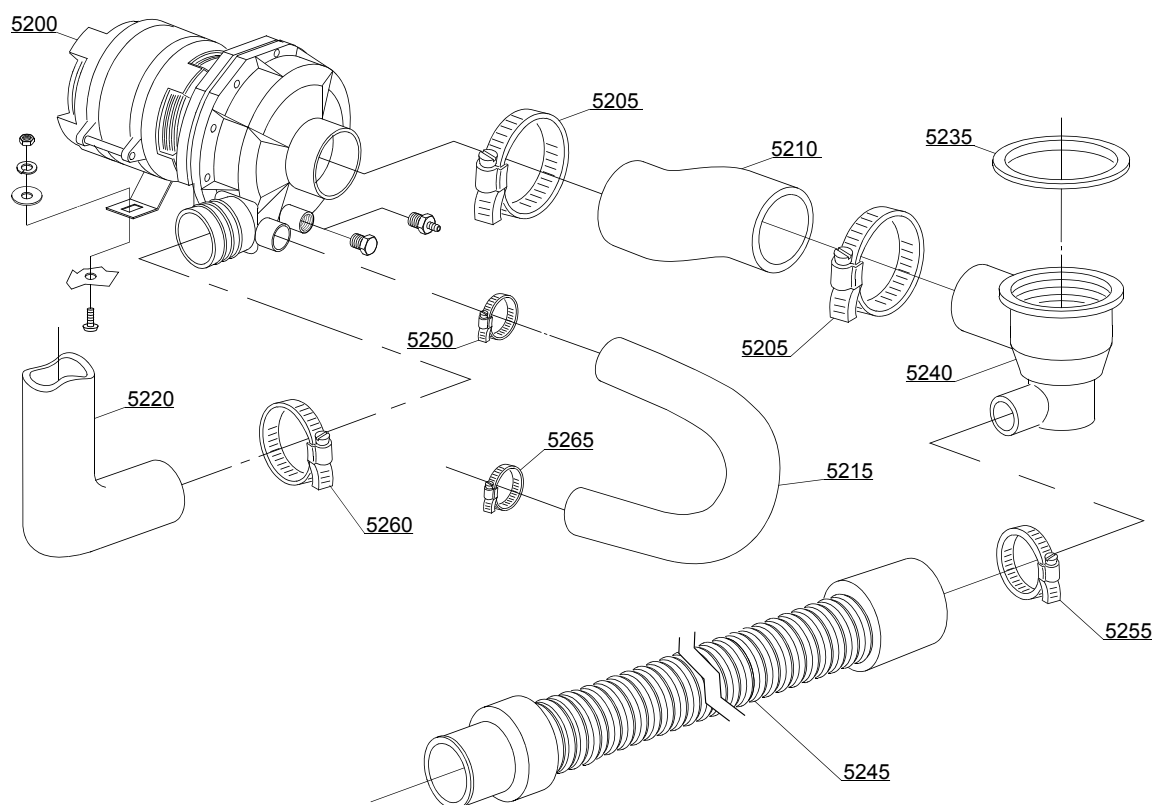
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:3 ways connection							
30800	540091		-	i,em			Ø12 mm plastic 3 ways connection
30805	11807		-	i,em			12/22 clamp (minimum 3 pieces)

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



13_102_e

Spare parts

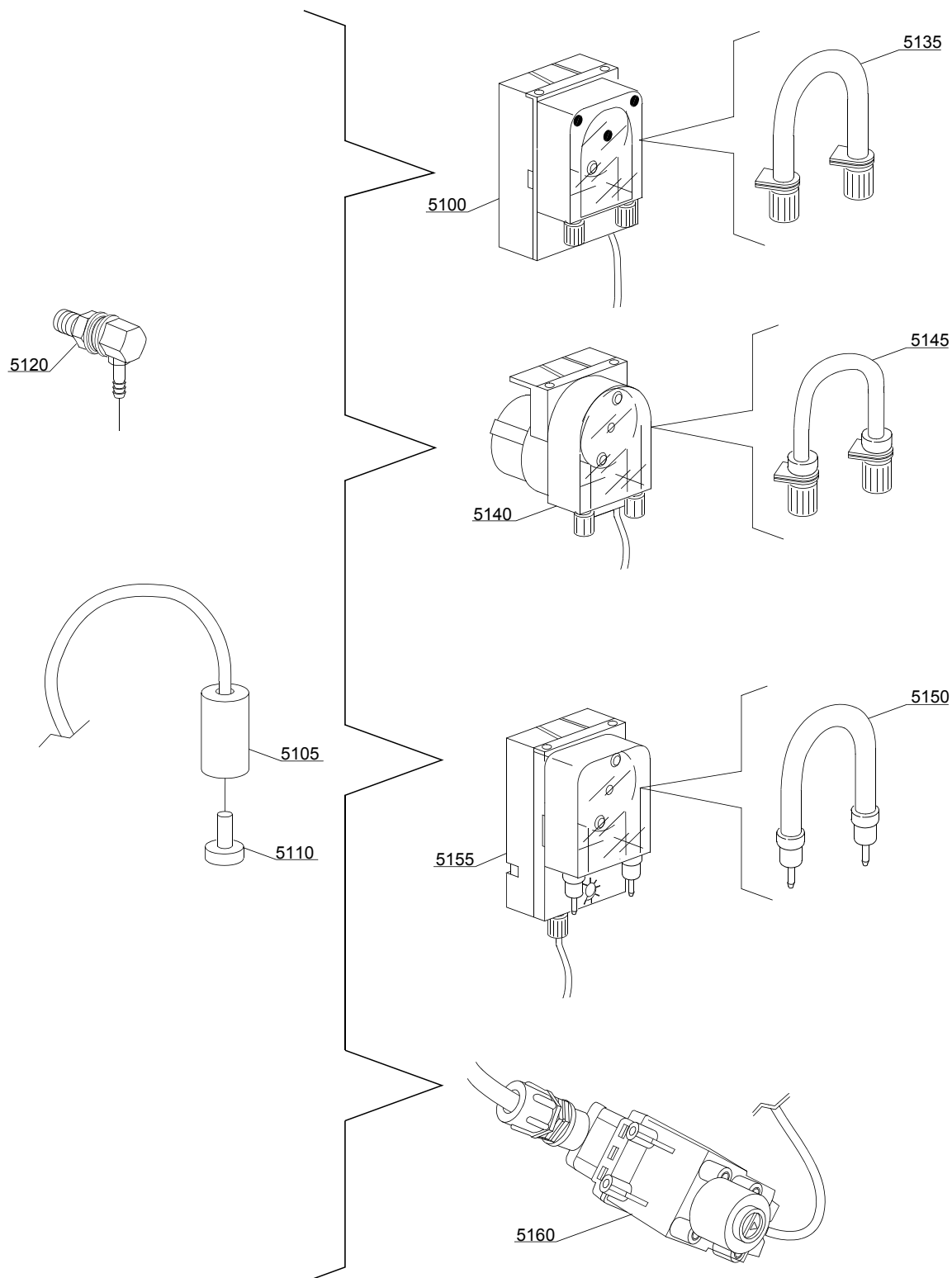
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Wash pump							
5200	15908/O		-	uw,i			0,75Hp - 200Vac 50Hz wash pump
5200	15908/D		-	uw,i			1Hp wash pump - 220/240Vac 50Hz
5200	15908/E		-	uw,i		A	0,75Hp wash pump - 440V/3/60Hz
5205	11824		-	uw,i			50/70 clamp (minimum 2 pieces)
5210	25032		-	uw,i			Suction pipe coupling
5215	560014		-	uw,i			Pump/lower wash turret delivery pipe
5220	560008		-	uw,i			Top delivery pipe
5225	15081		-	uw,i			12,5 uF condenser
5235	80208		-	uw,i			95x75x3 O-ring (minimum 2 pieces)
5240	500606		-	uw,i			Right side scrap tray
5245	10727		-	uw,i			Drain pipe
5250	11806		-	uw,i			25/40 clamp (minimum 2 pieces)
5255	11807		-	uw,i			12/22 clamp (minimum 3 pieces)
5260	11810		-	uw,i			40/60 clamp (minimum 2 pieces)
5265	11809		-	uw,i			30/45 clamp (minimum 2 pieces)
5270	15080/C		-	uw,i			Rotating seals
5270	15080		-	uw,i			Rotating seals (1HP)
5275	15079/B		-	uw,i			Pump rotor
5275	15912		-	uw,i			Pump rotor (1HP)
5280	11724		-	uw,i			M6 stainless steel nut
5285	15079/D		-	uw,i			O-ring
5290	15031/E		-	uw,i			Scroll

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



14_004_e

Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Dosing detergent group							
5100	15985		-	i,em	dd		Seko detergent pump
5105	12525		-	i,em	dd		Ballast
5110	15058		-	i,em	dd		Small filter (minimum 3 pieces)
5120	15123		-	i,em	dd		Complet stainless steel injector
5125	15159		-	i,em	dd		OR O-ring (minimum 2 pieces)
5130	10200205		-	i,em	dd		M12x1 stainless steel nut (minimum 2 pieces)
5135	15185		-	i,em	dd		Seko thermoplastic pipe
5140	15985		-	i,em	dd		Germac detergent pump
5145	15108/E		-	i,em	dd		Germac thermoplastic pipe
5150	15985/A			i,em	dd		Plas Cont thermoplastic pipe
5155	15985			i,em	dd		Plas Cont detergent pump
5160	15108/L			i,em	dd		LANG detergent pump

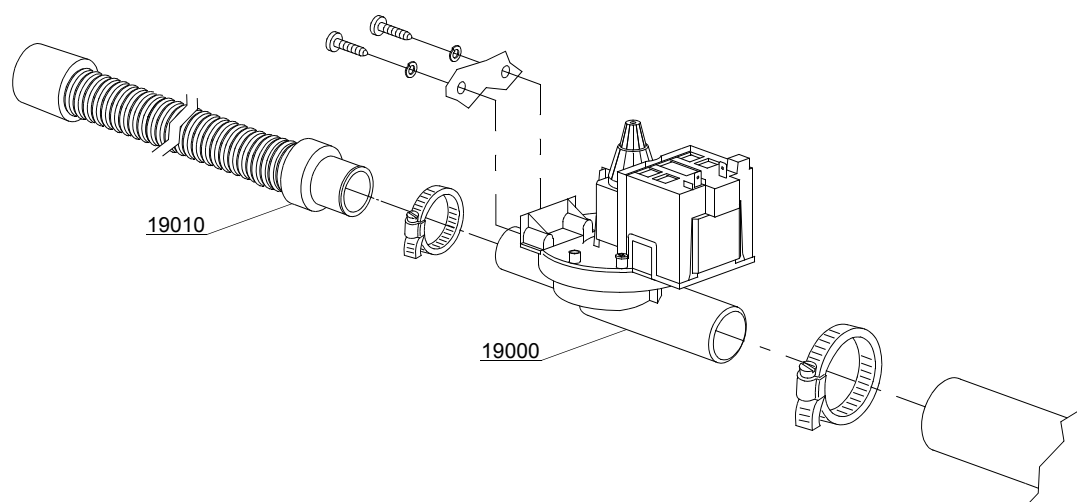
em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

15_002_e



Spare parts

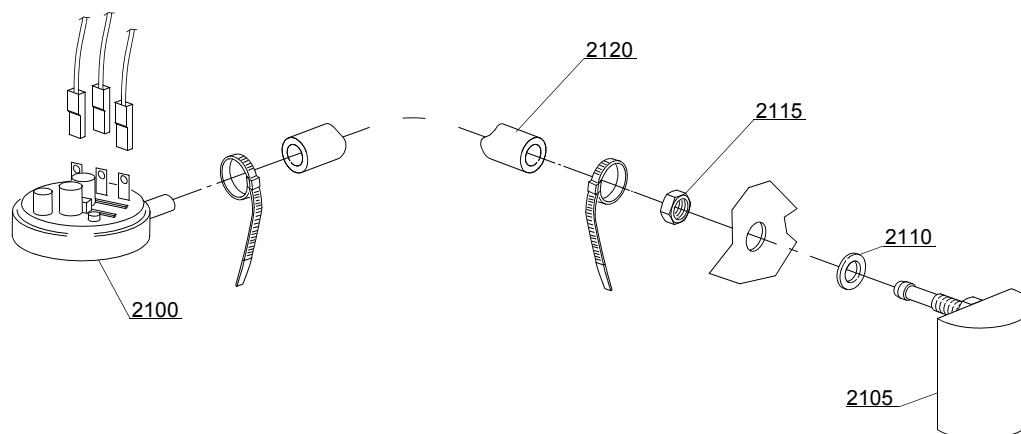
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Drain pump group							
19000	15101/A		-	i,em	dp	A	Drain pump - 50Hz
19000	15101/B		-	i,em	dp		Drain pump - 220V 60Hz
19010	10727		-	i,em	dp		Drain pipe

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



16_001_e

Spare parts

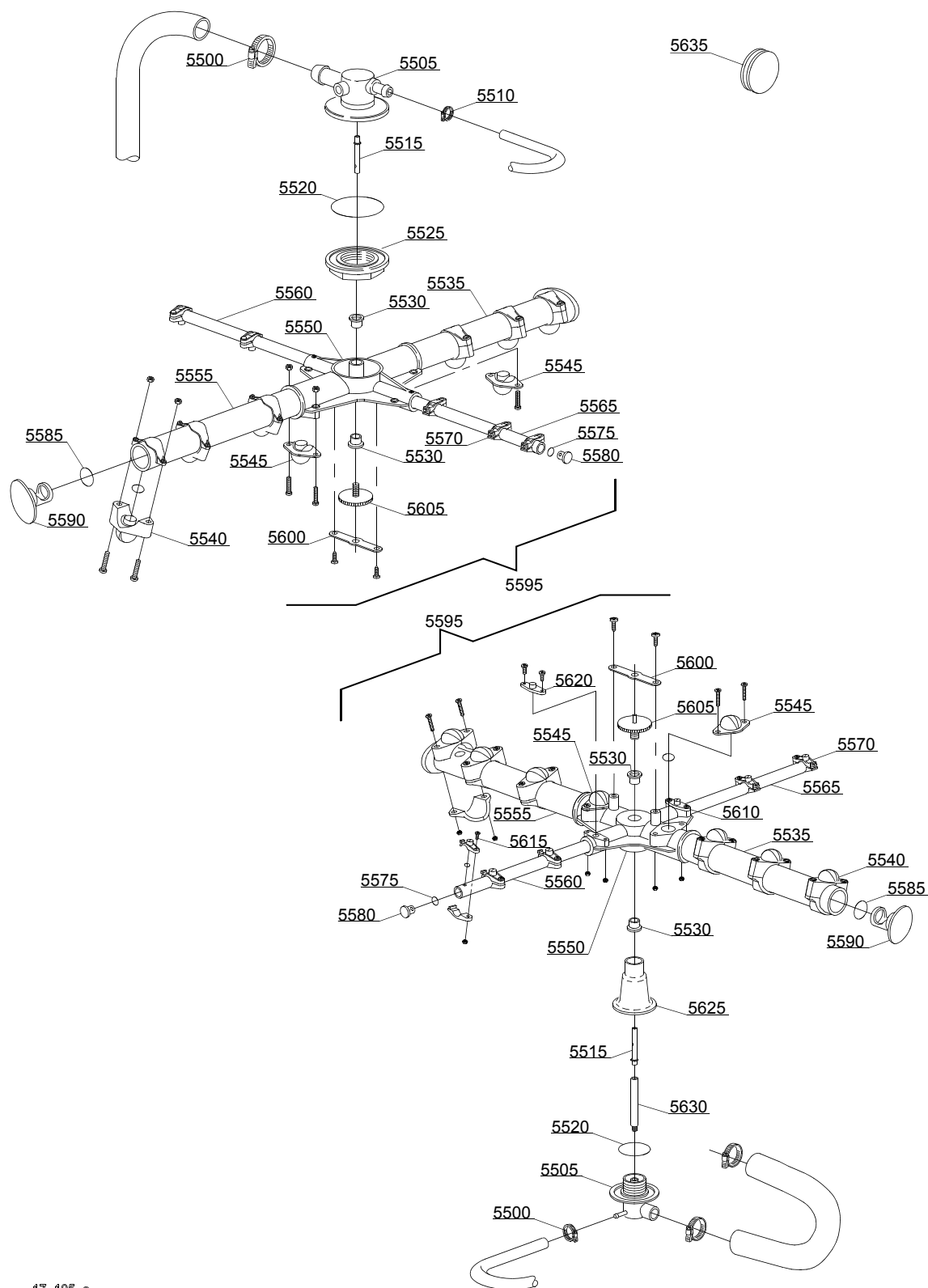
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Pressure switch group with air trap							
2100	10706/A		-	i,em			47-27 pressure switch
2105	135911/D	4020618	-	i,em			Grey air trap assembly
2110	13301		-	i,em			O-ring (minimum 10 pieces) - D14x8x1,5
2115	11702		-	i,em			M8 stainless steel nut (minimum 10 pieces)
2120	14508		-	i,em			4,5X9 EPDM rubber hose (minimum 2mt)

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



17_105_e

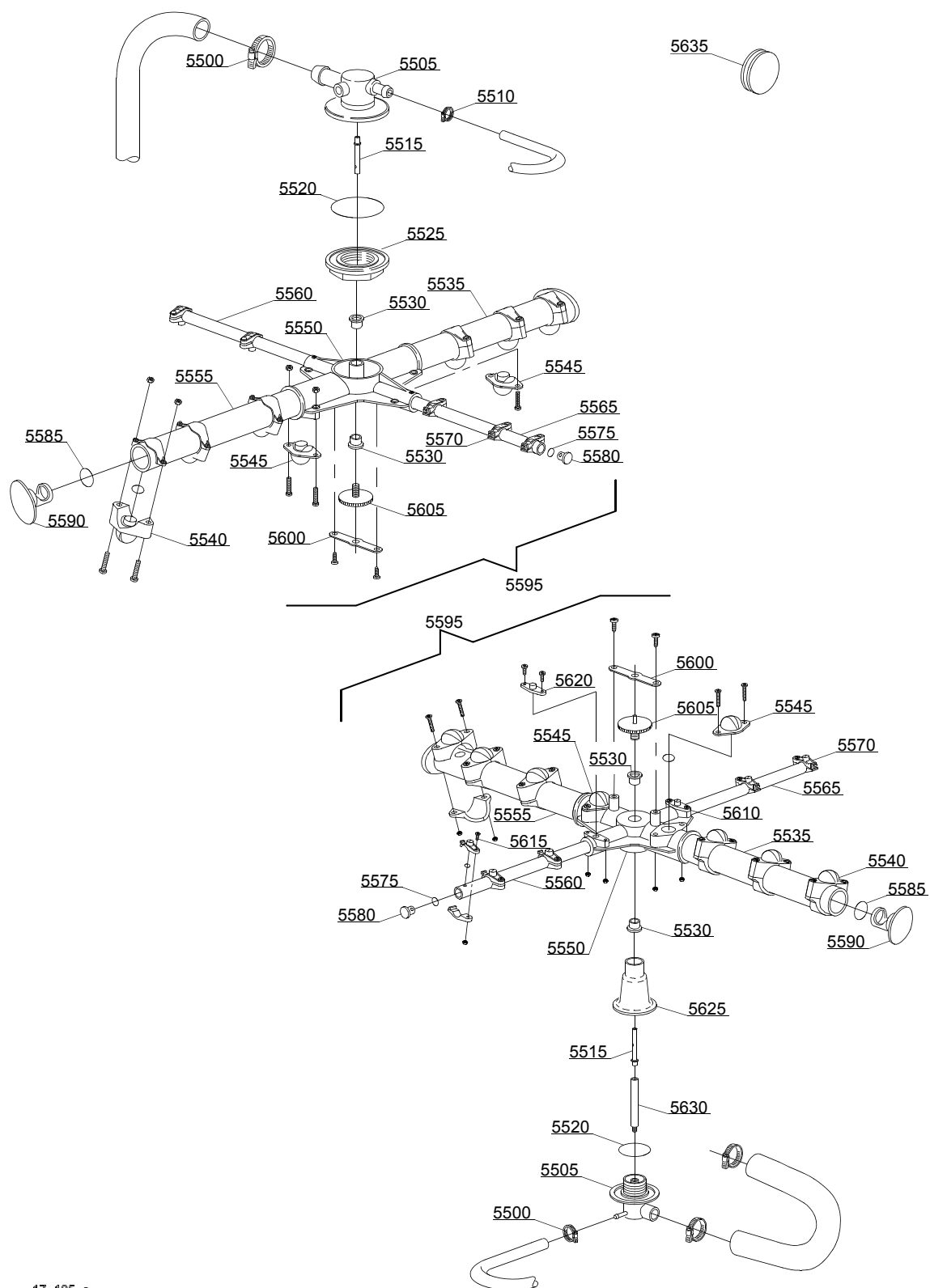
Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Turret group with rotating arms							
5500	11806		-	em,uw,i			25/40 clamp (minimum 2 pieces)
5505	500612		-	em,uw,i			Top/lower turret
5510	11807		-	em,uw,i			12/22 clamp (minimum 3 pieces)
5515	15300		-	em,uw,i			Ø10x51 lower/top rinse axle
5520	13015		-	em,uw,i			6225 OR 160 NBR O-ring (minimum 5 pieces)
5525	500623	4017774	-	em,uw,i			Ring nut for fixing turret
5530	13319		-	em,uw,i			Sliding washer (minimum 4 pieces)
5535	15571		-	em,uw,i			Ø28 right wash pipe
5540	10261		-	em,uw,i			Ø28 raised nozzle (minimum 2 pieces)
5545	10268		-	em,uw,i			Ø28 opened plane nozzle (minimum 2 pieces)
5550	10259		-	em,uw,i			4 ways big rotor
5555	15572		-	em,uw,i			Ø28 left wash pipe
5560	15575		-	em,uw,i			Right rinse pipe
5565	15576		-	em,uw,i			Left rinse pipe
5570	10262		-	em,uw,i			Ø10 complet rinse nozzle (minimum 2 pieces)
5575	13016		-	em,uw,i			2018 OR 103 NBR O-ring (minimum 10 pieces)
5580	12532		-	em,uw,i			Ø10 plastic plug (minimum 3 pieces)
5585	13018		-	em,uw,i			OR 2087 NBR O-ring (minimum 10 pieces)
5590	10257		-	em,uw,i			Ø28 plastic plug (minimum 3 pieces)
5595	15958		-	em,uw,i			Ø28 wash/rinse group
5600	10260		-	em,uw,i			Blocking ring nut rotor plaque (minimum 10 pieces)
5605	11101/I		-	em,uw,i			Stainless steel group fixing screw
5610	10267		-	em,uw,i			Ø10 closed plane nozzle (minimum 2 pieces)
5615	11004		-	em,uw,i			4x10 TCB Ø8 spax toothed screw
5620	10263		-	em,uw,i			Ø10 opened plane nozzle (minimum 2 pieces)
5625	560004		4010319	em,uw,i			Lower pipe coupling
5625	560024	4010320	-	em,uw,i			Lower pipe coupling
5630	560005		-	em,uw,i			Lower rinse axle

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL
29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



17_105_e

Spare parts

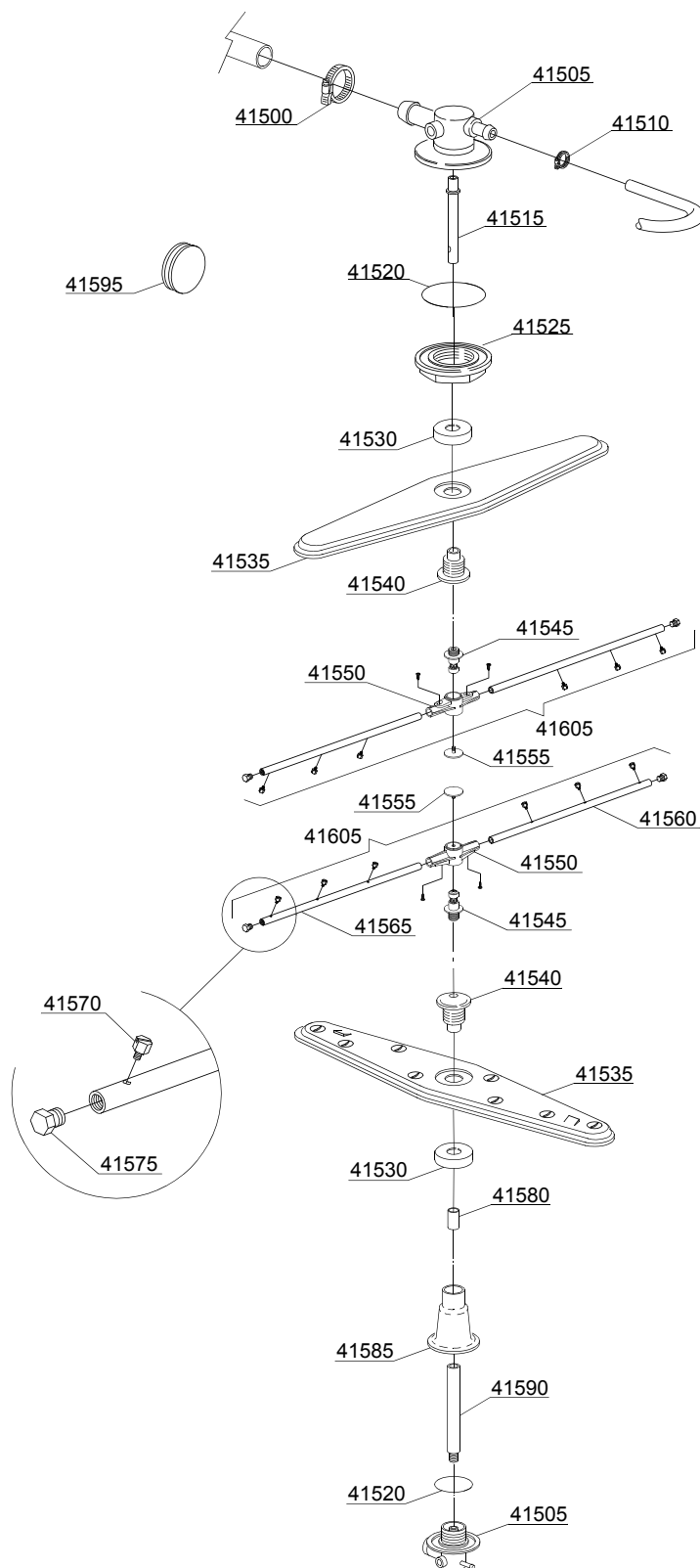
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Turret group with rotating arms							
5635	13316/A		-	em,uw,i			DVGW hole O-ring

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



17_127_e

Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Turret group with rotating arms							
41500	11806		-	uw			25/40 clamp (minimum 2 pieces)
41505	500612		-	uw			Top/lower turret
41510	11807		-	uw			12/22 clamp (minimum 3 pieces)
41515	500703		-	uw			Upper rinse axle extension
41520	13015		-	uw			6225 OR 160 NBR O-ring (minimum 5 pieces)
41525	500623		-	uw			Ring nut for fixing turret
41530	500702		-	uw			Nut for wash arm bearing 05 (inox rinse arm)
41535	500700		-	uw			Stainless steel wash rotor
41540	500701		-	uw			Hub for rotor (inox rinse arm)
41545	10651		-	uw			Rinse axle
41550	10650		-	uw			Rinse arm
41555	10652		-	uw			Rinse arm screw
41560	10657		-	uw			Right rinse arm - stainless steel nozzle
41565	10658		-	uw			Left rinse arm - stainless steel nozzle
41570	560018		-	uw			Stainless steel rinse nozzle
41575	560017		-	uw			Rinse arm plug
41580	550220		-	uw			Hub rotor/pipe coupling spacer
41585	500706		-	uw			Lower pipe coupling
41590	500705		-	uw			Rinse lower distributor connection axle
41595	13316/A		-	uw			DVGW hole O-ring
41605	75918		-	uw			Top/lower rinse arm complete

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL
29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

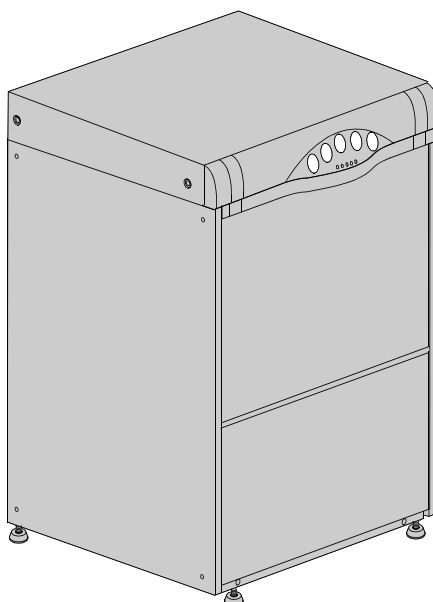
DISHWASHER

ELECTROMECHANICAL SWITCHES
LOWER AND UPPER WASHING
INSULATED MODEL

TYPE: 29P

Accessories
BREAK TANK
BOOSTER PUMP
DVGW
COLD RINSE
WATER SOFTNER
DETERGENT DISPENSER
DRAIN PUMP

Spare Parts Manual





Code DW 999XXXXY

Model DESCRIPTION

S/N DW A 1015770 Type

CL/Part



400V 3N
3500W

50HZ

 16A

8A
500W

IPX3



Pressione Dinamica alimentazione idrica
Pression dynamique arrivèe d'eau
Dynamic pressure water supply
Dynamischer Druck asserreinlauf

200-500 kPa

TECHICAL SPECIFICATION



MADE IN ITALY

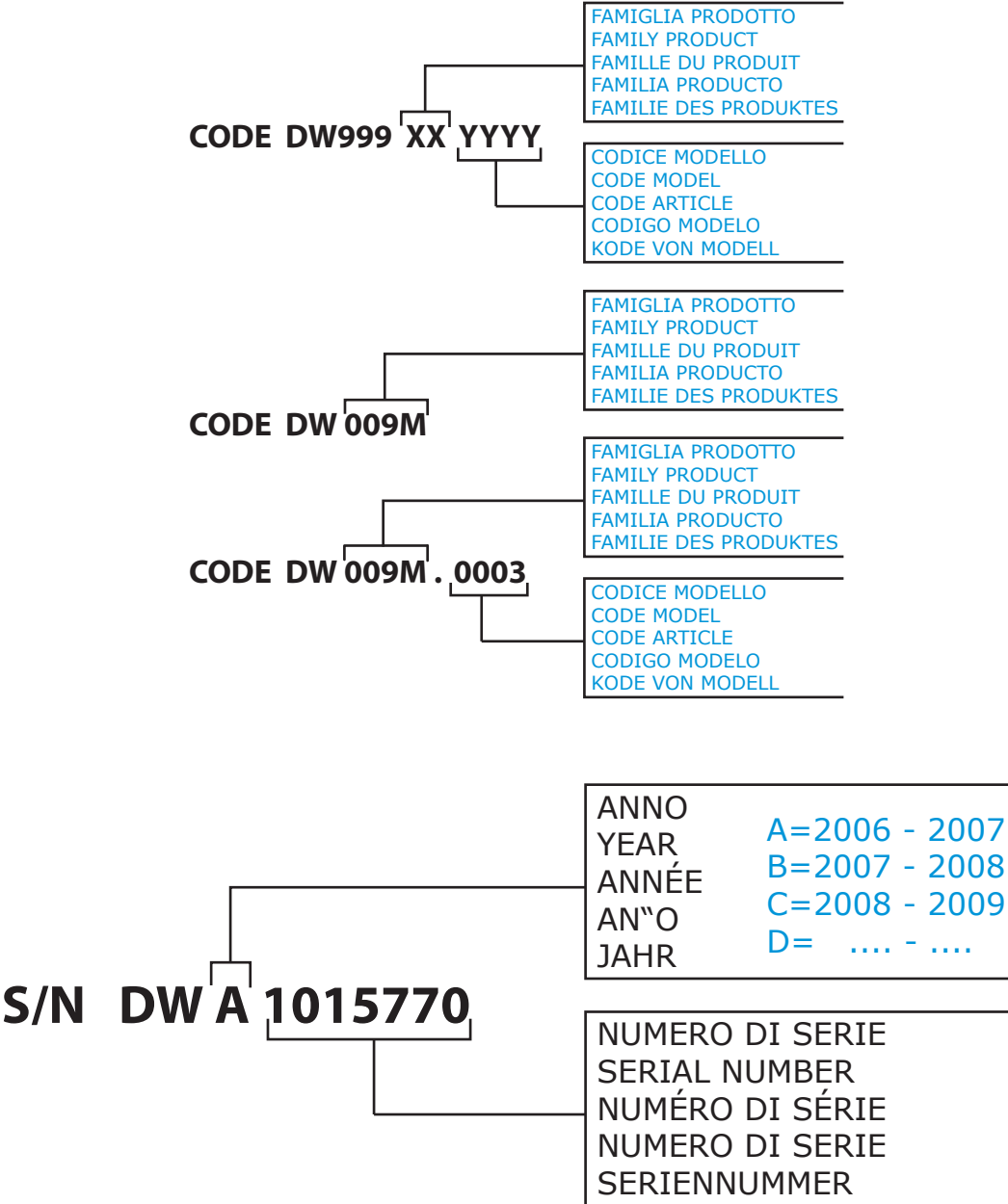


Pressione dinamica vapore saturo
Pression dynamique vapeur satueèe
Dymanischer Druck gesattigter Dampf
Pression Dinamica Vapor Saturado

Temperatura massima acqua in ingresso 60°C
Temperature max eau a l'entre
Maximale Temperatur Wasseranschluß
Maximum Water temperature in-feeding

Model 

S/N 



1. Spare parts

General body parts.....	7
Lockup system	9
Control panel and switches.....	11
Electric control components.....	13
Solenoid valve group	15
Solenoid valve group	17
Break Tank	19
Rinse with steady temperature.....	21
Booster pump.....	23
DVGW	25
Water softner group.....	27
Rinse aid dispenser group.....	29
Boiler group	31
3 ways connection	33
Wash pump	35
Dosing detergent group.....	37

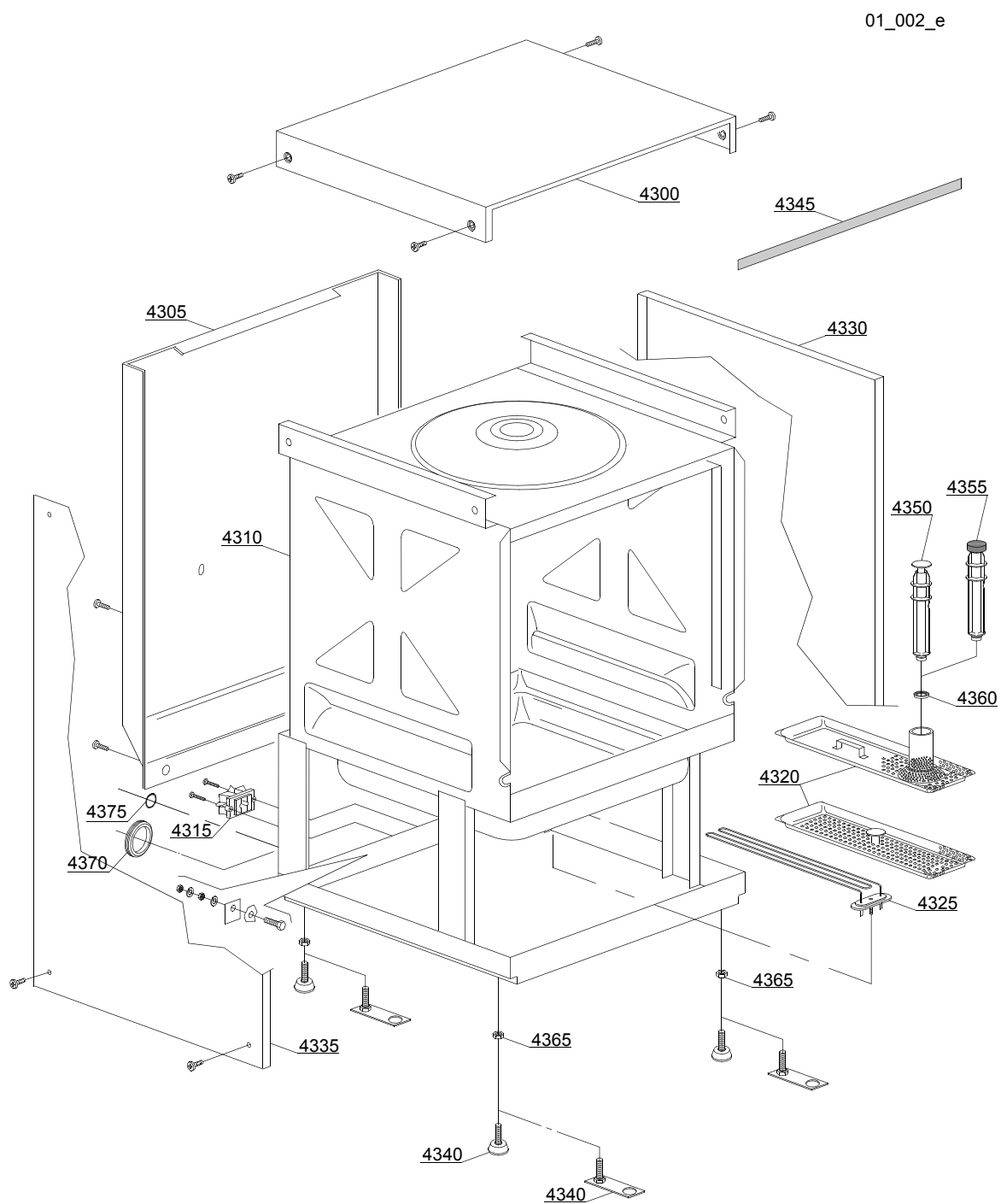
Drain pump group.....	39
Pressure switch group with air trap ...	41
Turret group with rotating arms	43
Turret group with rotating arms	47

1.1 Voltage codes

Volt	Voltage code
A	3/N/PE~380-400V 50-60Hz
D	3/PE~200-210V 50-60Hz
F	2/PE~220-240V 50-60Hz
G	3/N/PE~415V 50-60Hz
H	3/PE~220-230V 50-60Hz
K	3/PE~380-400V 50-60Hz
L	3/PE~415V 50-60Hz
M	3/PE~440V 60Hz
P	1/N/PE~220-230V 50-60Hz
R	2/PE~220-240V 50-60Hz
U	1/N/PE~240V 50-60Hz
V	3/PE~240V 50-60Hz
W	1/N/PE~100-110V 50-60Hz

1.2 Product codes

Product code	Full name
Model codes	
em	ELECTROMECHANICAL SWITCHES
uw	LOWER AND UPPER WASHING
i	INSULATED MODEL
Type codes	
29P	29P
Accessory codes	
bt	BREAK TANK
bp	BOOSTER PUMP
dvgw	DVGW
cr	COLD RINSE
ws	WATER SOFTNER
dd	DETERGENT DISPENSER
dp	DRAIN PUMP



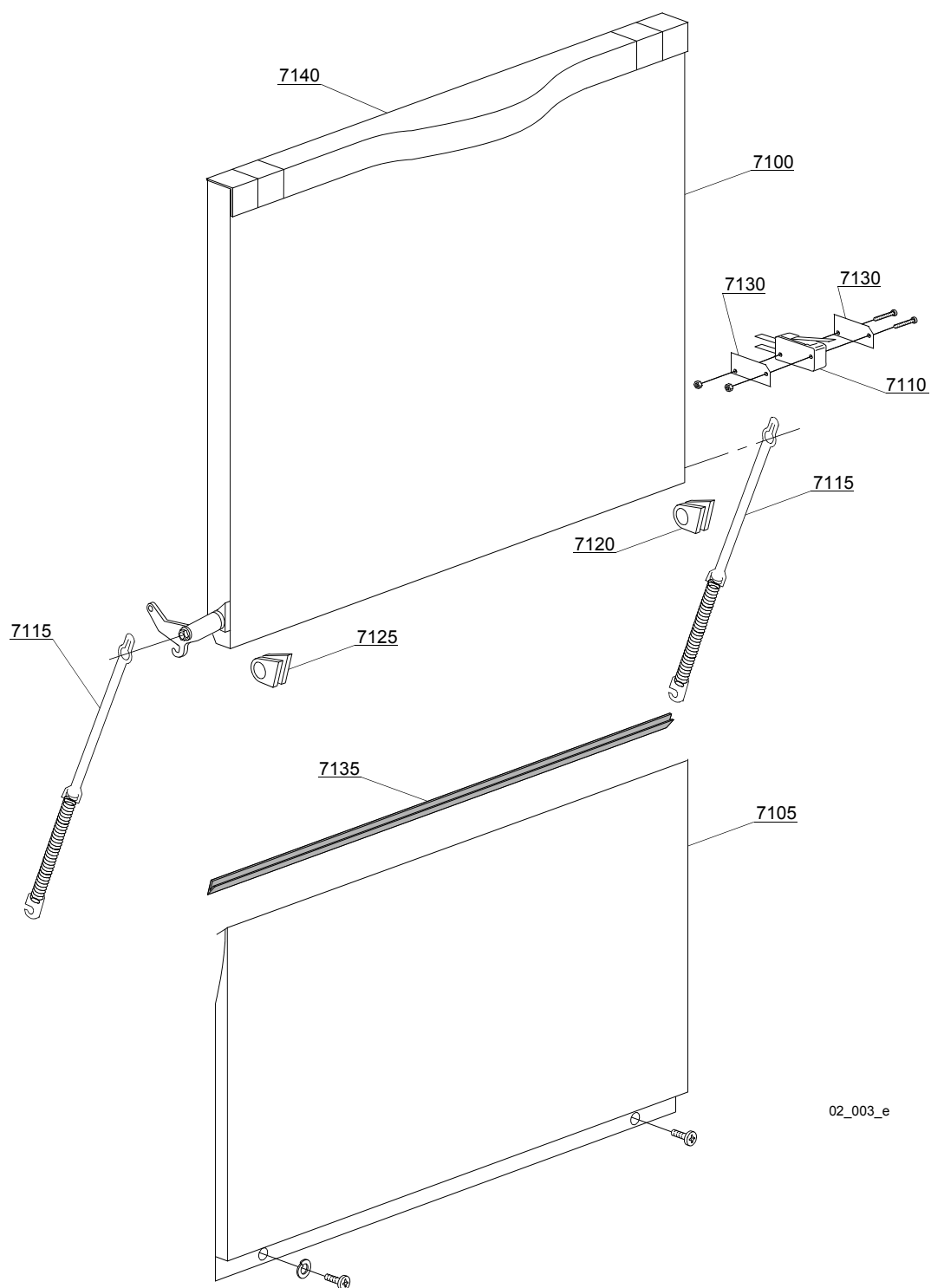
Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:General body parts							
4300	560918		-				Cover
4305	560919		-	i			Back panel
4305	560938		-	i	bt		Back panel
4310	560900		-	i			Body
4310	560928		-		ws		Body
4315	15065/A		-	i			Cable-fastener with screw
4320	560925		-	i			Surface filter
4325	150047		-	i			2,7/2,94KW 230/240V heating element
4330	560914		-	i			Right side
4335	560915		-	i			Left side
4340	10786		-	i			M10x25 Ø40 black foot (minimum 4 pieces)
4340	15176		-	i			M10 marina foot
4345	560021		-	i			Profile for door O-ring
4350	500619		-	i			H=213mm Overflow pipe
4355	560020		-	i	dp		Drain pump Overflow pipe
4360	13021		-	i			DEM 40 O-ring (minimum 2 pieces)
4365	11711		-	i			M10 zinc plated nut (minimum 20 pieces)
4370	13317		-	i			D.40mm unloading pipe pass (minimum 2 pieces)
4375	13323		-	i			D.13mm dosing pipe pass (minimum 2 pieces)

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL
29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



02_003_e

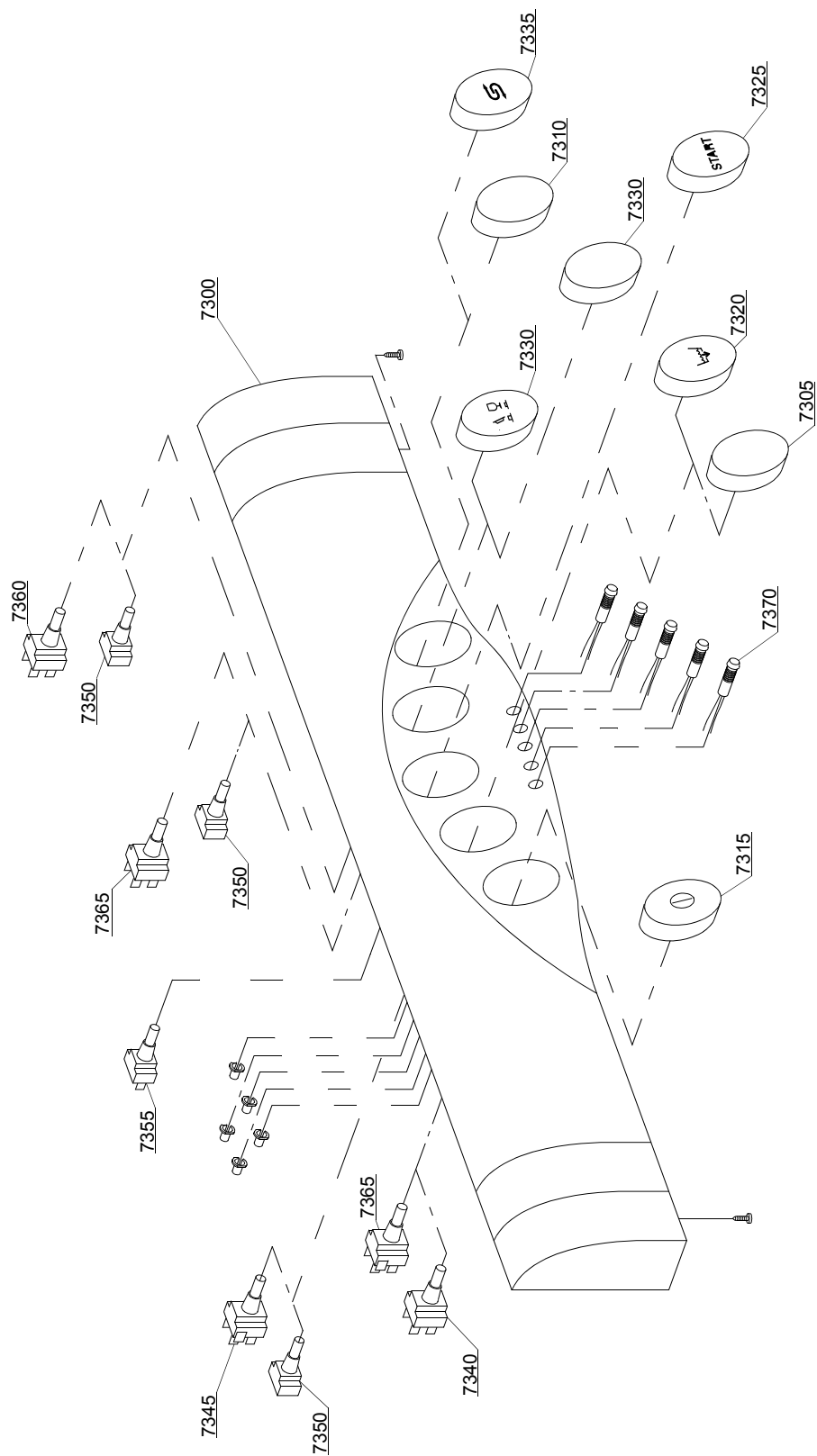
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Lockup system							
7100	560916		-				Door with plastic handle
7105	560920		-				Lower door
7110	10704		-				Door microswitch
7115	560003		-				Door spring
7120	560006		-				Right axle bush for door hinge (minimum 2 pieces)
7125	560007		-				Left axle bush for door hinge (minimum 2 pieces)
7130	10770		-				Insulation for door microswitch (minimum 3 pieces)
7135	560013		-				Profile for door O-ring
7140	560550		-				Handle

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



03_102_e

Spare parts

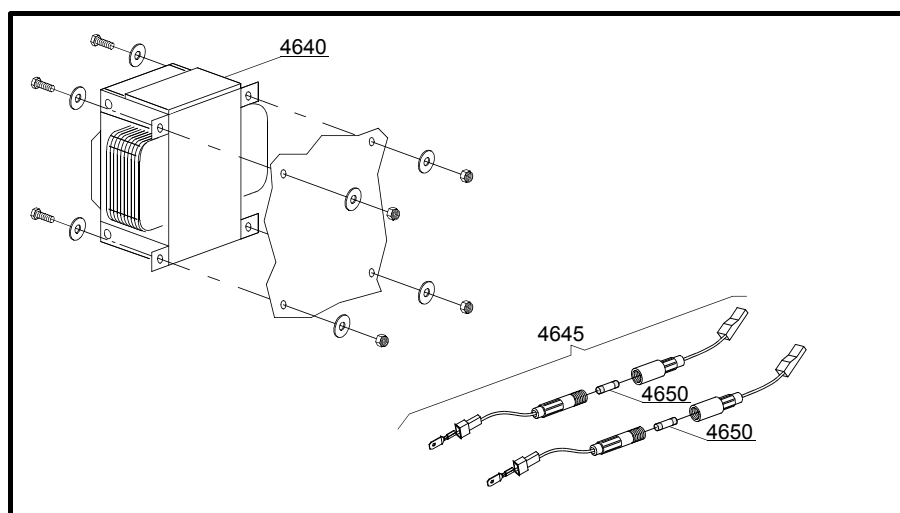
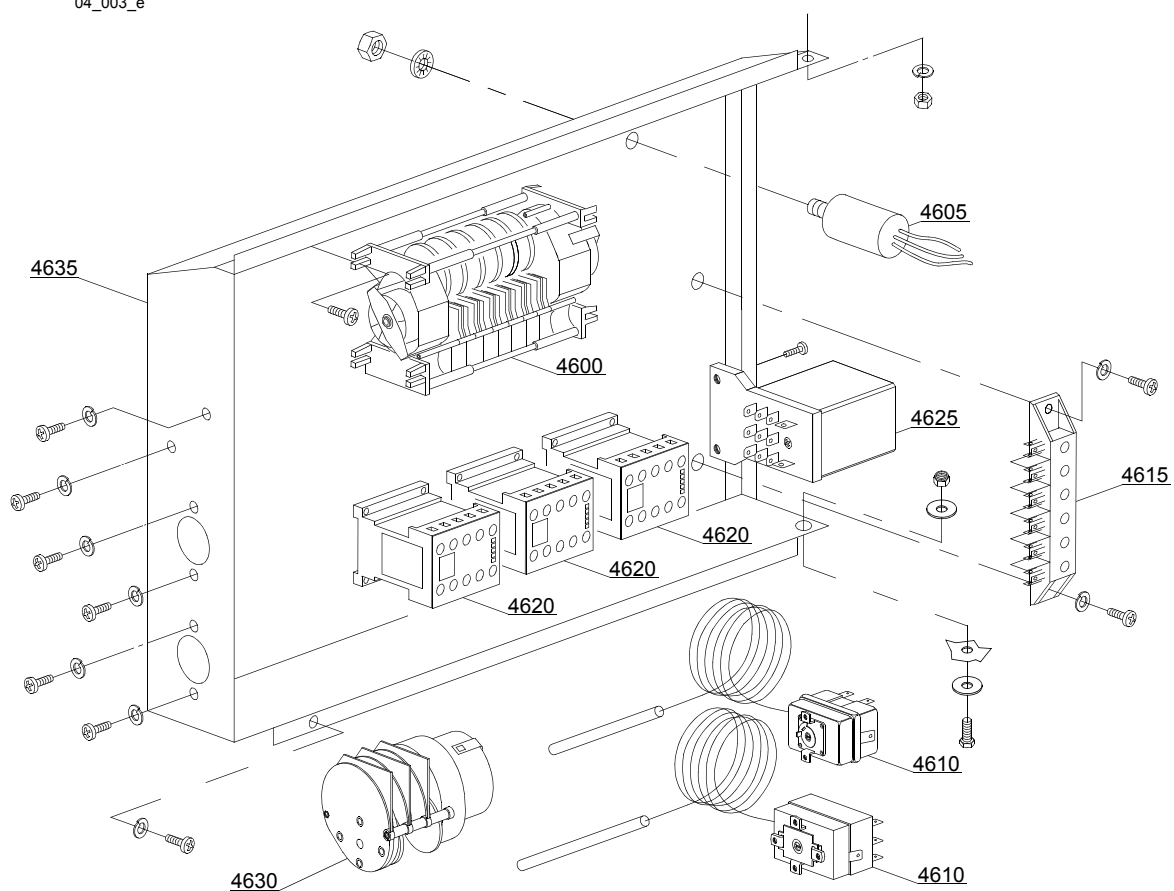
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Control panel and switches							
7300	560501		-				Control panel
7305	560523/A		-				Push button 2 with point
7310	560526/A		-				Push button 5 with point
7315	560527/A		-				ON-OFF push button 1
7320	560528/A		-				Drain pump push button 2
7325	560529/A		-				Start push button 3
7330	560530/A		-				Selector switch push button 4
7335	560531/A		-				Regeneration push button 5
7340	15811		-				16A bipolar switch
7345	15811/A		-				16A bipolar switch
7350	15844		-				Push button support
7355	15813		-				16A unipolar switch
7360	15800		-				16A bipolar switch
7365	15812		-				16A switch
7370	10711		-				230V green pilot light with cables

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL
29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

04_003_e



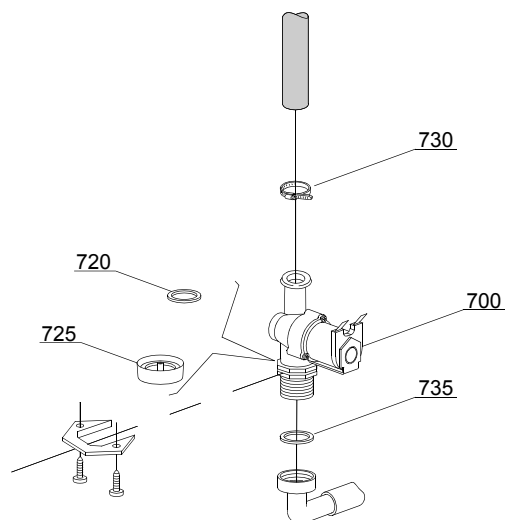
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Electric control components							
4600	10300123		-	i		A	90/180" timer - 230Vac 50Hz
4600	30001028		-	i			120/180" timer - 230Vac 60Hz
4600	22011/A		-	i		A	120/240" timer - 200Vac 50Hz
4600	30001031		-	i		A	120/180" timer with thermostop - 230Vac 50Hz
4600	30001032		-	i			120/180" - 230V 60Hz timer with thermostop
4600	30001030		-	i			120/240" timer with thermostop - 230Vac 50Hz
4605	15146		-	i			Low noise filter
4605	15149		-	i			Low noise filter
4605	15187		-	i			Low noise filter
4610	10707/1		-	i			0-90°C thermostat
4615	500551		-	i			6 poles terminal board
4620	15086		-	i			Contacteur 230V 50/60Hz 4C
4620	15086/B		-	i			Contacteur 240V 50Hz
4620	15086/T		-	i			200Vac3N 50/60HZ contactor
4625	15620		-	i	ws		16A bipolar relay in deviation
4630	16064/A		-	i	ws		Regeneration timer
4635	560921		-	i			Electric components panel
4640	15381		-	i			160Va transformer 0-230-400-415-440/230V
4645	15147		-	i			Fuse-holder
4650	15163		-	i			Fuse (minimum 5 pieces)

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



05_002_e

Spare parts

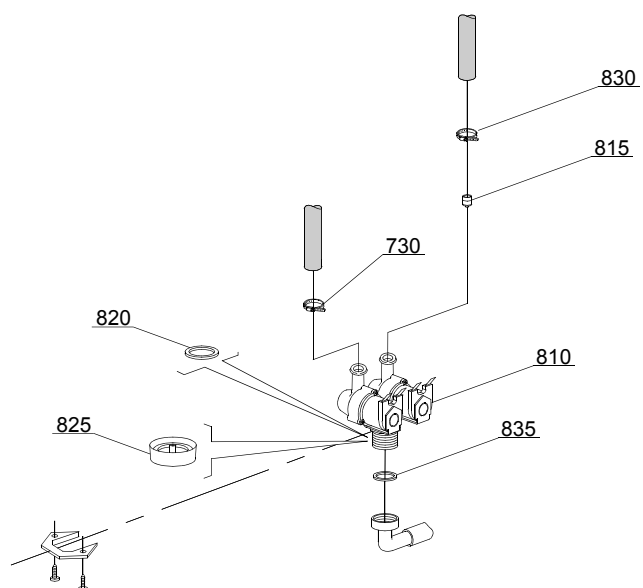
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Solenoid valve group							
700	10703		-	i,em			Single solenoid valve - 230Vac
720	N.C.		-	i,em			Pression reducing valve
730	11807		-	i,em			12/22 clamp (minimum 3 pieces)
735	13307		-	i,em			3/4 gasket

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



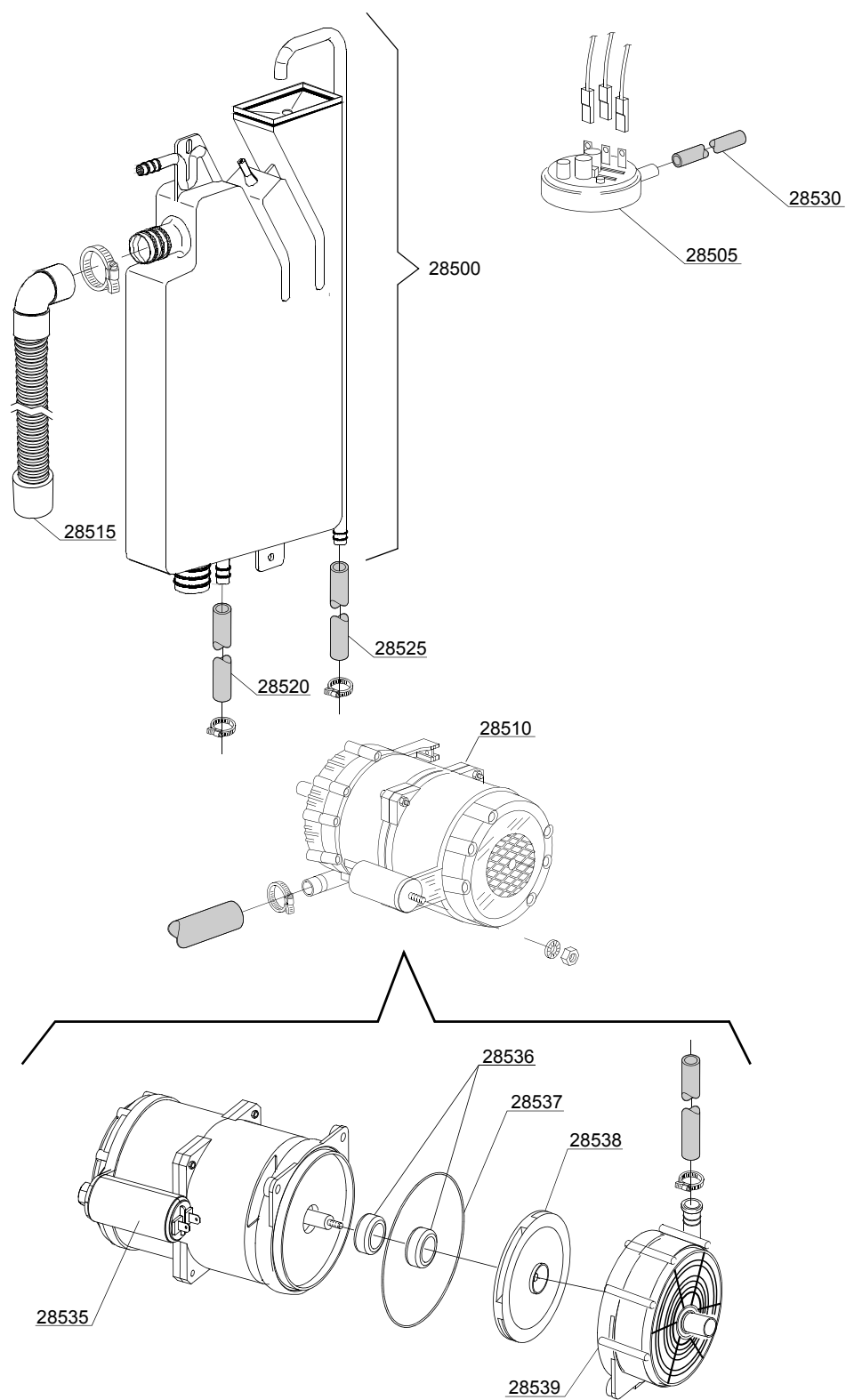
05_003_€

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Solenoid valve group							
810	15098		-	i,em	cr,ws		Double solenoid valve - Ø10 - 230Vac
815	15115		-	i,em	cr,ws		Green pression solenoid valve for regeneration (minimum 2 pieces)
820	N.C.		-	i,em	cr,ws		Pression reducing valve
830	11807		-	i,em			12/22 clamp (minimum 3 pieces)
835	13307		-	i,em			3/4 gasket

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL
29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



06_004ae

Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Break Tank							
28500	15735		-	i,em	bt		Break tank assembly
28505	10706/A		-	i,em	bt		47-27 pressure switch
28510	15100/D		-	i,em	bt		Booster pump 220/240V - body pumps in plastic
28515	15721		-	i,em	bt		BT long pipe L=1070
28515	15722		-	i,em	bt		BT middle pipe L=920
28515	15723		-	i,em	bt		BT small pipe L=690
28520	2907350		-	i,em	bt		12x20 EPDM rubber hose
28525	2907352		-	i,em	bt		PVC WRAS rubber hose
28530	14508		-	i,em	bt		4,5x9 EPDM rubber hose (minimum 2 mt)
28535	10702		-	i,em	bt		5 uF condenser - 450V
28536	15100/S		-	i,em	bt		Rotating seals
28537	15100/T		-	i,em	bt		OR-(O-ring) gasket EPDM
28538	15100/U		-	i,em	bt		Pump rotor
28539	15100/V		-	i,em	bt		Scroll

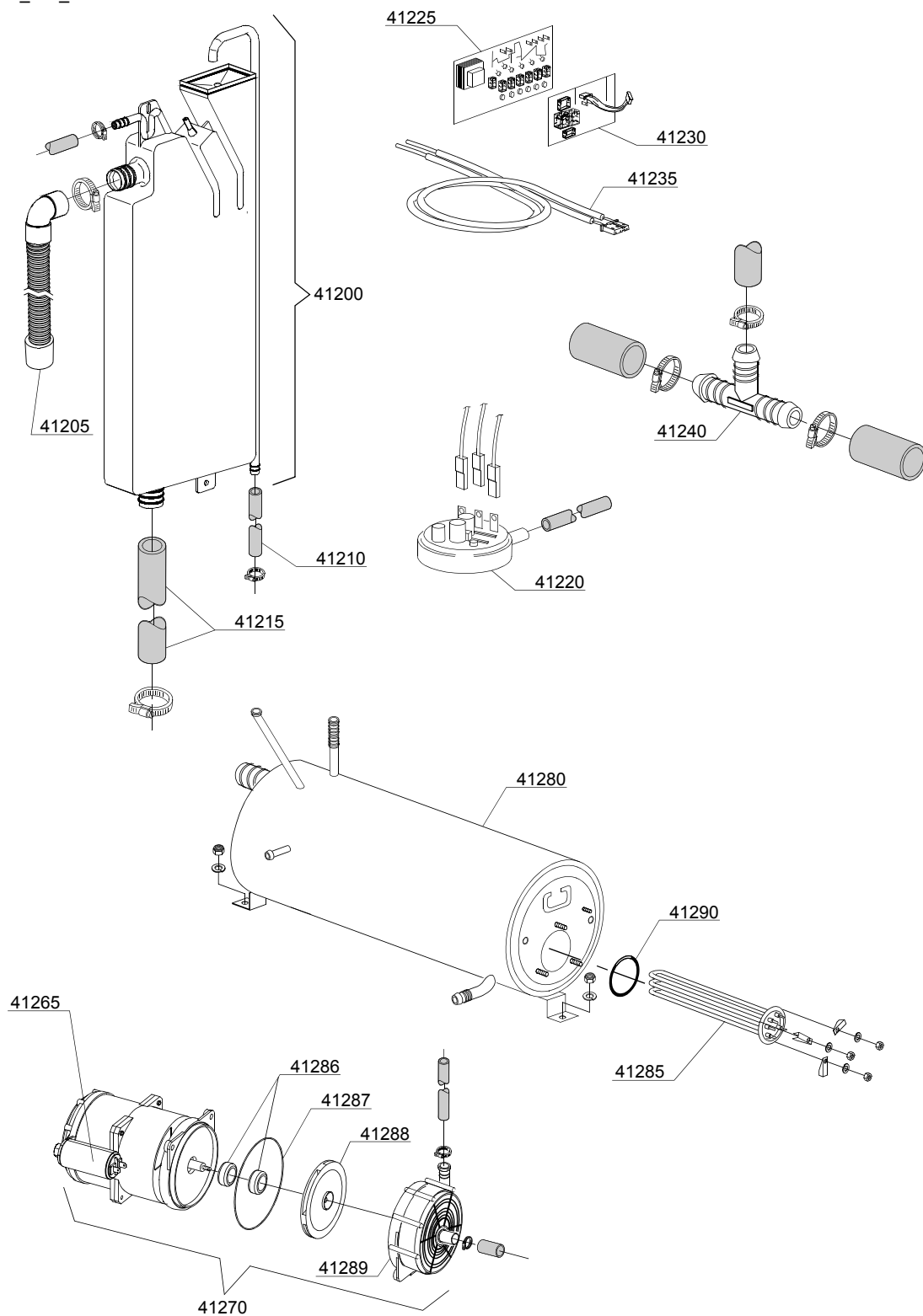
em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

06_006_e



Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Rinse with steady temperature							
41200	15720		-	i,em			Break tank assembly
41205	15721		-	i,em			BT middle pipe L=920
41210	2907352		-	i,em			PVC WRAS rubber hose
41215	x		-	i,em			Pipe coupling
41220	10706/A		-	i,em			34-100 pressure switch
41225	50569		-	i,em			Electronic Card without Chip
41230	50559		-	i,em			Circuit board DP
41235	50562		-	i,em			Sensor
41240	540098		-	i,em			3 ways D25
41265	10702		-	i,em			5 uF condenser
41270	15100/D		-	i,em			Rinsing pump
41275	10718		-	i,em			Pump pipe coupling
41280	560062		-	i,em			Boiler
41285	15089		-	i,em			Boiler Element 4,5KW 230 / 240 VaC 3
41285	15089/B		-	i,em			Boiler Element 4,5KW 240 / 440 V
41285	15089/E		-	i,em			Boiler Element 6KW 230 / 240 VaC 3
41286	15100/S		-	i,em			Rotating seals
41287	15100/T		-	i,em			OR (O-ring) gasket EPDM
41288	15100/U		-	i,em			Pump rotor
41289	15100/V		-	i,em			Scroll
41290	13015		-	i,em			OR (O-ring) 6225 gasket 160 NBR

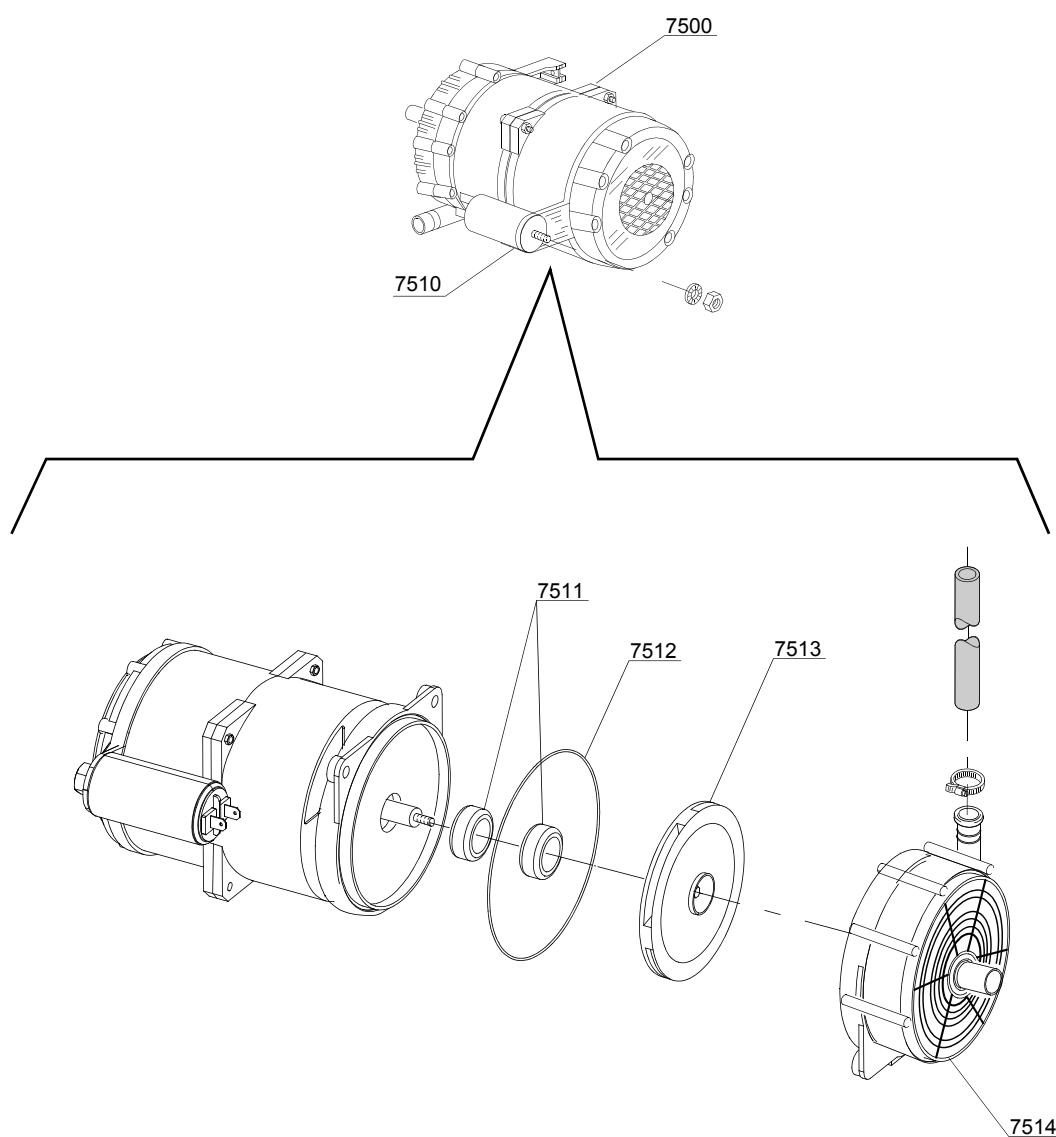
em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

07_003_e

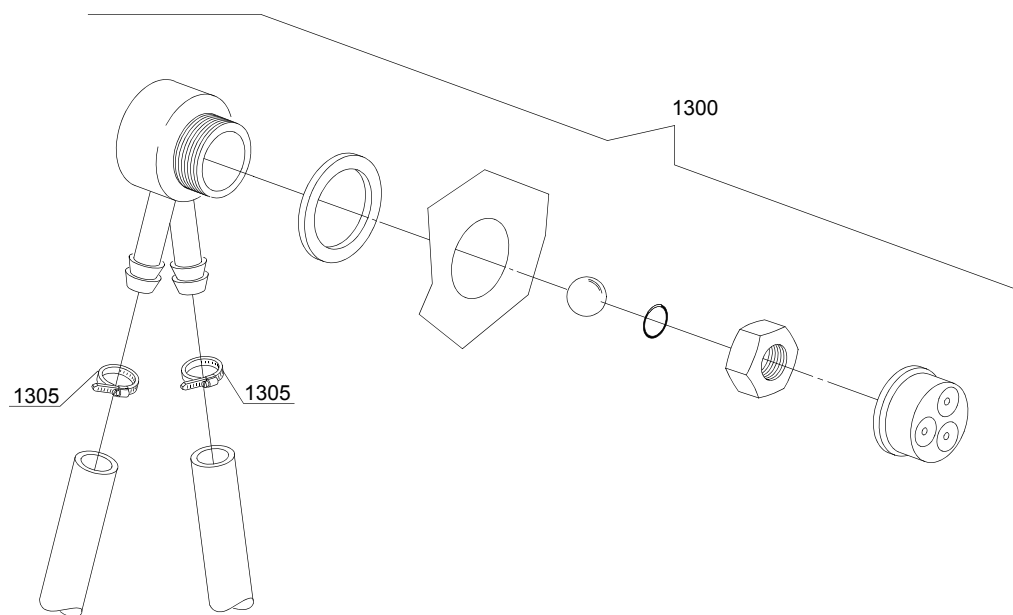


ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Booster pump							
7500	15100/D		-	i,em	bp		Booster pump 220/240V - body pumps in plastic
7505	12013		-	i,em	bp		Rubber-holder
7510	10702		-	i,em	bp		5 uF condenser - 450V
7511	15100/S			i,em	bp		Rotating seals
7512	15100/T			i,em	bp		OR (O-ring) gasket EPDM
7513	15100/U			i,em	bp		Pump rotor
7514	15100/V			i,em	bp		Scroll

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL
29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



08_005_e

Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:DVGW							
1300	999900006		-	i,em	dvgw		DVGW assembly
1305	11807		-	i,em	dvgw		12/22 clamp (minimum 3 pieces)

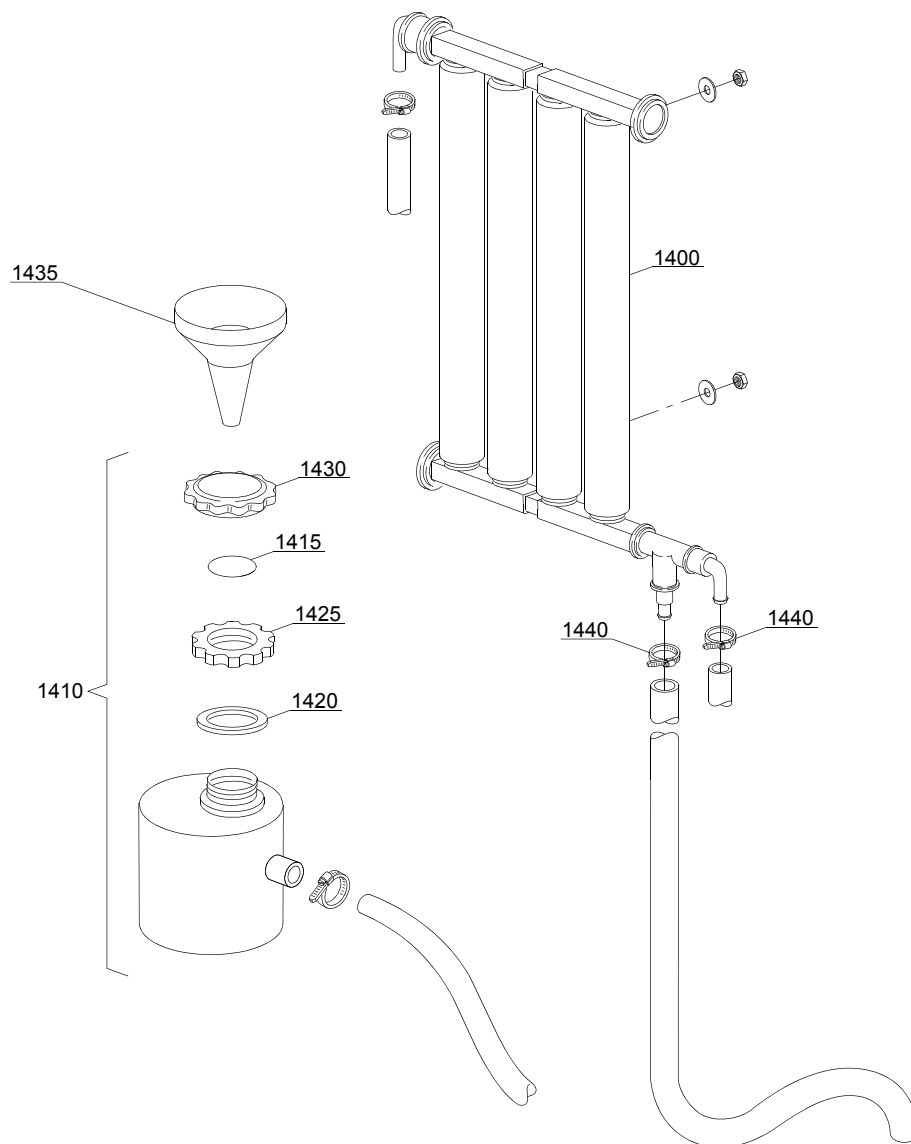
em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

09_001_e



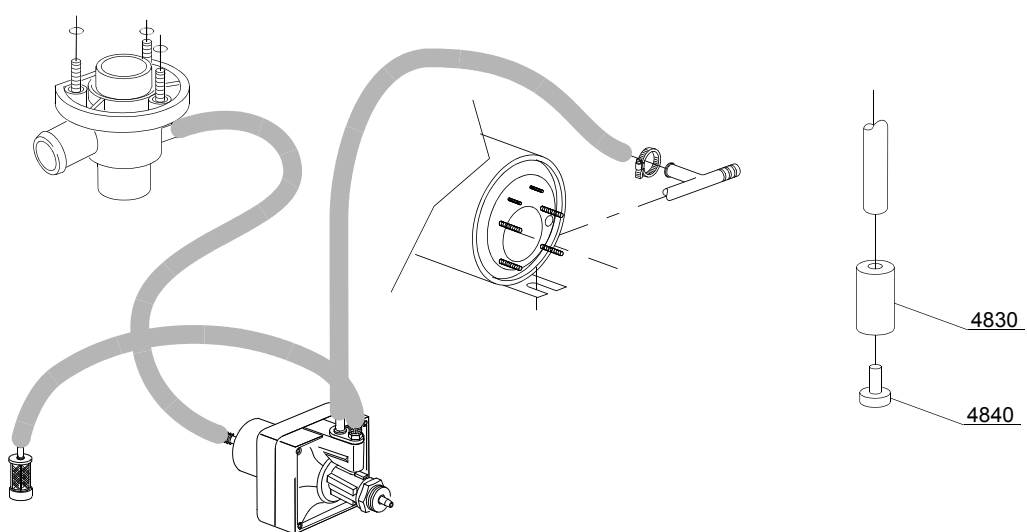
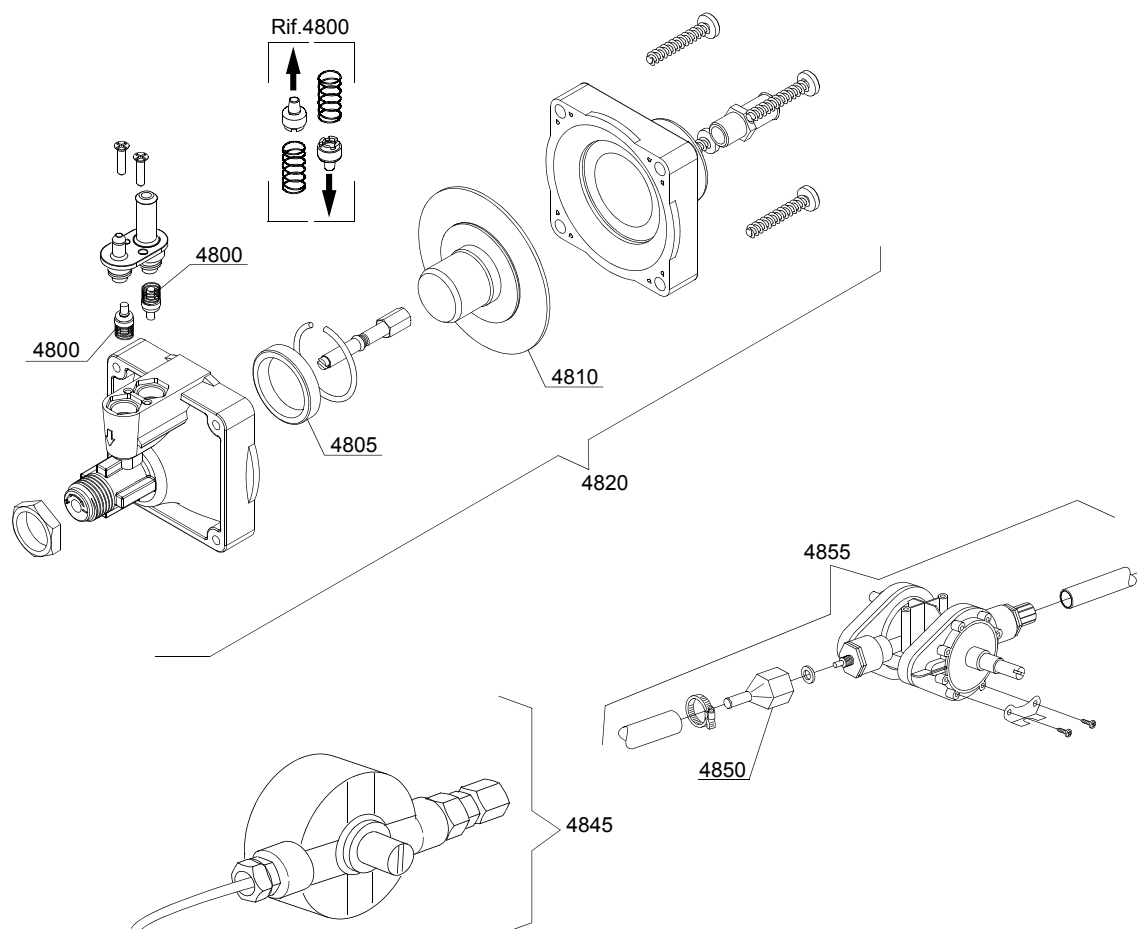
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Water softner group							
1400	16066		-	em	ws		4 elements water softner
1410	16065		-	em	ws		Salt container
1415	16067/A		-	em	ws		OR O-ring
1420	16067/B		-	em	ws		O-ring
1425	16067/C		-	em	ws		Ring nut
1430	16067/D		-	em	ws		Plug
1435	16082		-	em	ws		Funnel
1440	11807		-	em	ws		12/22 clamp (minimum 3 pieces)

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



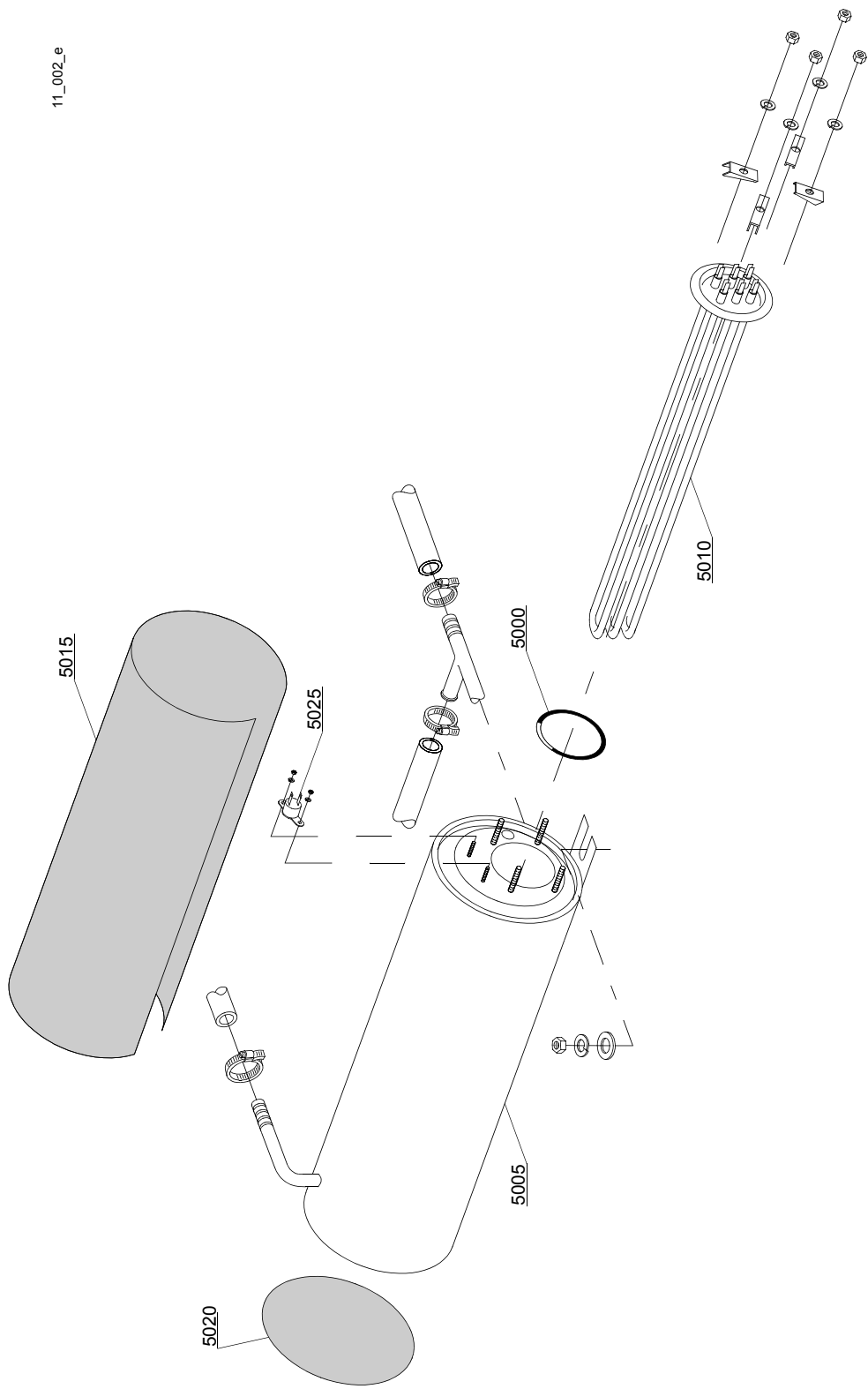
10_004_e

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Rinse aid dispenser group							
4800	10805		-	em			Tecnopro non return valve
4805	10806		-	em			Ø22 O-ring
4810	10807		-	em			Membrane
4820	10799		-	em			TECNO PRO rinse aid dispenser
4830	12525		-	em			Ballast
4840	15058		-	em			Small filter (minimum 3 pieces)
4845	10799		-	em			GERMAC rinse aid dispenser
4850	10798/B		-	em			Brass pipe fitting
4855	10798		-	em			LANG rinse aid dispenser

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL
29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



Spare parts

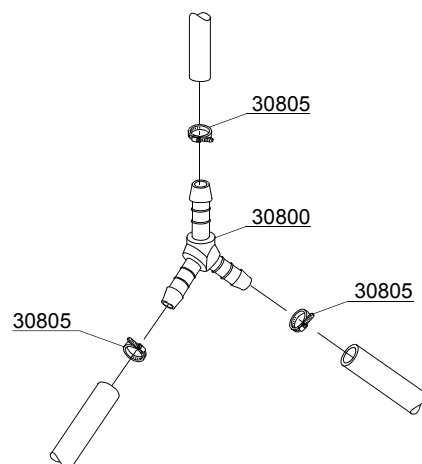
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Boiler group							
5000	13005		-	i,em			OR 151 NBR O-ring (minimum 5 pieces)
5005	150905		-	i,em			Boiler
5010	15089		-	i,em			4,5/4,9KW 230/240V 3 heating element
5010	15089/E		-	i,em			6/6,53KW - 230/240V 3 heating element
5015	15066		-	i,em			Insulation boiler
5020	15205		-	i,em			Ø160 End piece (minimum 2 pieces)
5025	15550		-	i,em			Safety thermostat

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



12_003ae

Spare parts

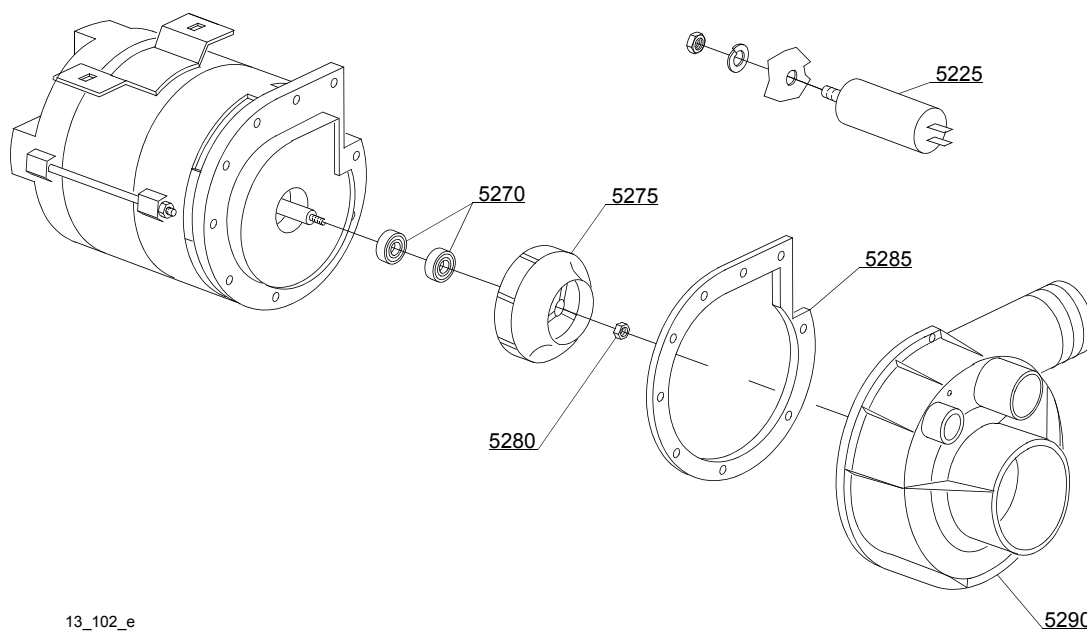
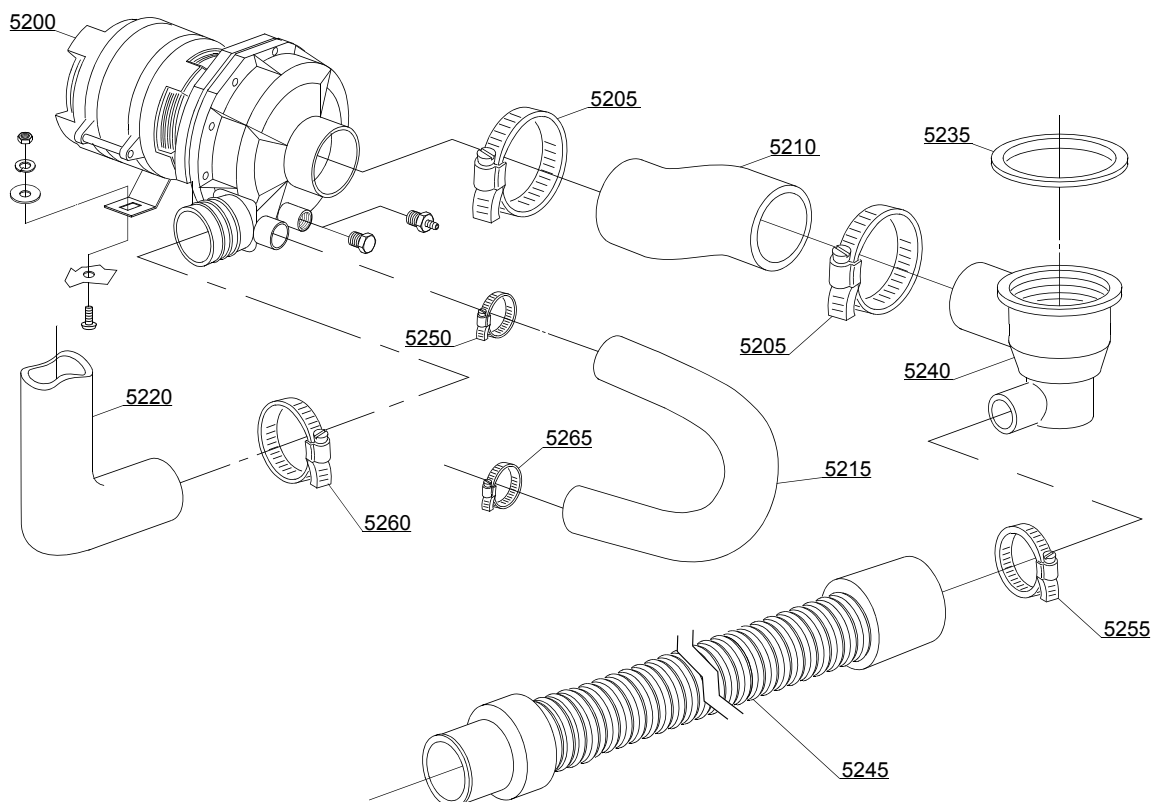
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:3 ways connection							
30800	540091		-	i,em			Ø12 mm plastic 3 ways connection
30805	11807		-	i,em			12/22 clamp (minimum 3 pieces)

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



13_102_e

Spare parts

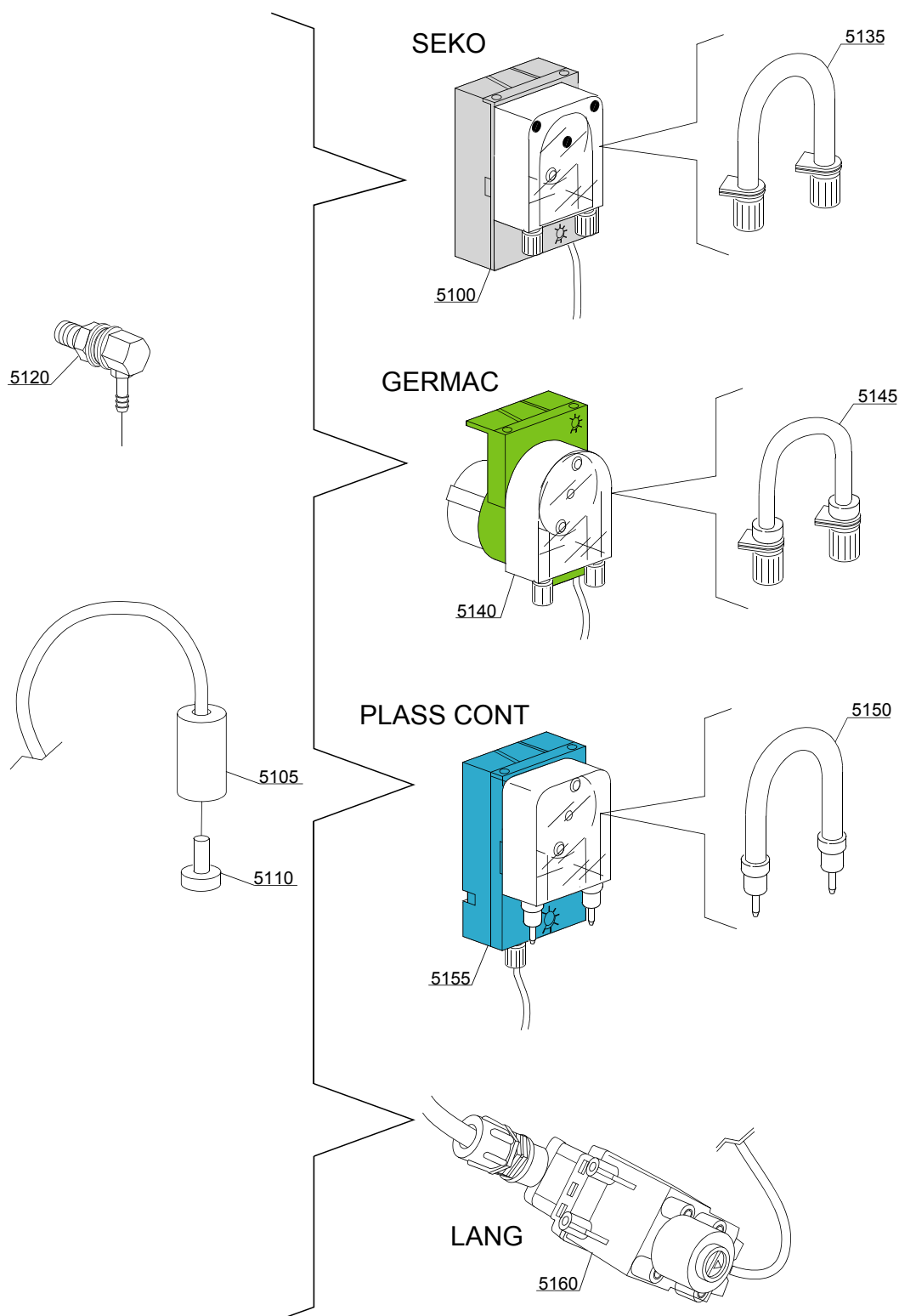
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Wash pump							
5200	15908/O		-	uw,i			0,75Hp - 200Vac 50Hz wash pump
5200	15908/D		-	uw,i			1Hp wash pump - 220/240Vac 50Hz
5200	15908/E		-	uw,i		A	0,75Hp wash pump - 440V/3/60Hz
5205	11824		-	uw,i			50/70 clamp (minimum 2 pieces)
5210	25032		-	uw,i			Suction pipe coupling
5215	560014		-	uw,i			Pump/lower wash turret delivery pipe
5220	560008		-	uw,i			Top delivery pipe
5225	15081		-	uw,i			12,5 uF condenser
5235	80208		-	uw,i			95x75x3 O-ring (minimum 2 pieces)
5240	500606		-	uw,i			Right side scrap tray
5245	10727		-	uw,i			Drain pipe
5250	11806		-	uw,i			25/40 clamp (minimum 2 pieces)
5255	11807		-	uw,i			12/22 clamp (minimum 3 pieces)
5260	11810		-	uw,i			40/60 clamp (minimum 2 pieces)
5265	11809		-	uw,i			30/45 clamp (minimum 2 pieces)
5270	15080/C		-	uw,i			Rotating seals
5270	15080		-	uw,i			Rotating seals (1HP)
5275	15079/B		-	uw,i			Pump rotor
5275	15912		-	uw,i			Pump rotor (1HP)
5280	11724		-	uw,i			M6 stainless steel nut
5285	15079/D		-	uw,i			O-ring
5290	15031/E		-	uw,i			Scroll

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



14_004_e

Spare parts

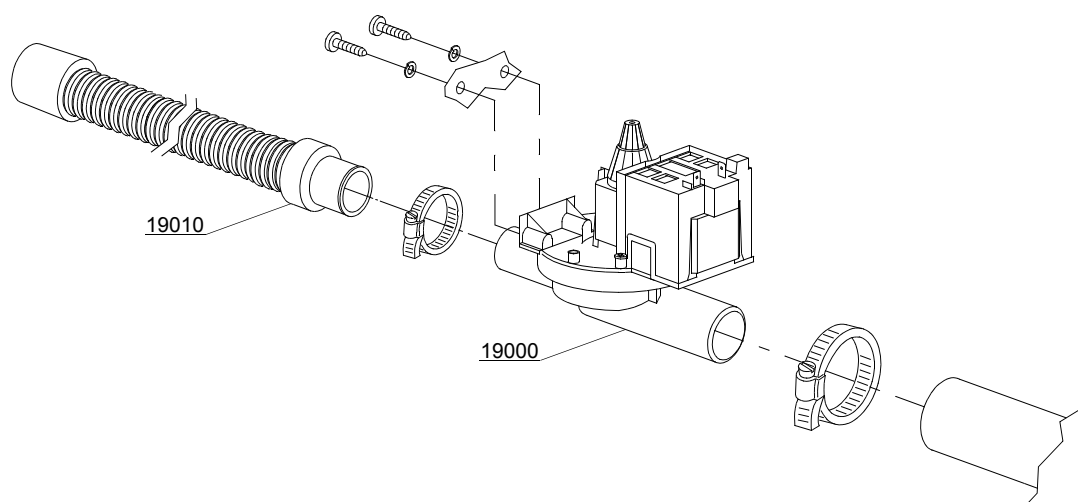
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Dosing detergent group							
5100	15985		-	i,em	dd		Seko detergent pump
5105	12525		-	i,em	dd		Ballast
5110	15058		-	i,em	dd		Small filter (minimum 3 pieces)
5115	15123		-	i,em	dd		Compleat stainless steel injector
5135	15185		-	i,em	dd		Seko thermoplastic pipe
5140	15985		-	i,em	dd		Germac detergent pump
5145	15108/E		-	i,em	dd		Germac thermoplastic pipe
5150	15985/A			i,em	dd		Plas Cont thermoplastic pipe
5155	15985			i,em	dd		Plas Cont detergent pump
5160	15108/L			i,em	dd		LANG detergent pump

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL
29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

15_002_e



Spare parts

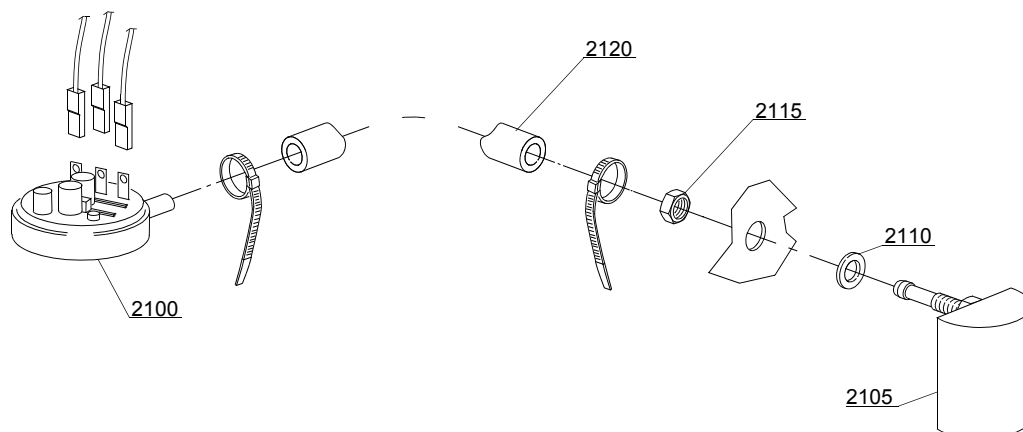
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module: Drain pump group							
19000	15101/A		-	i,em	dp	A	Drain pump - 50Hz
19000	15101/B		-	i,em	dp		Drain pump - 220V 60Hz
19010	10727		-	i,em	dp		Drain pipe

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



16_001_e

Spare parts

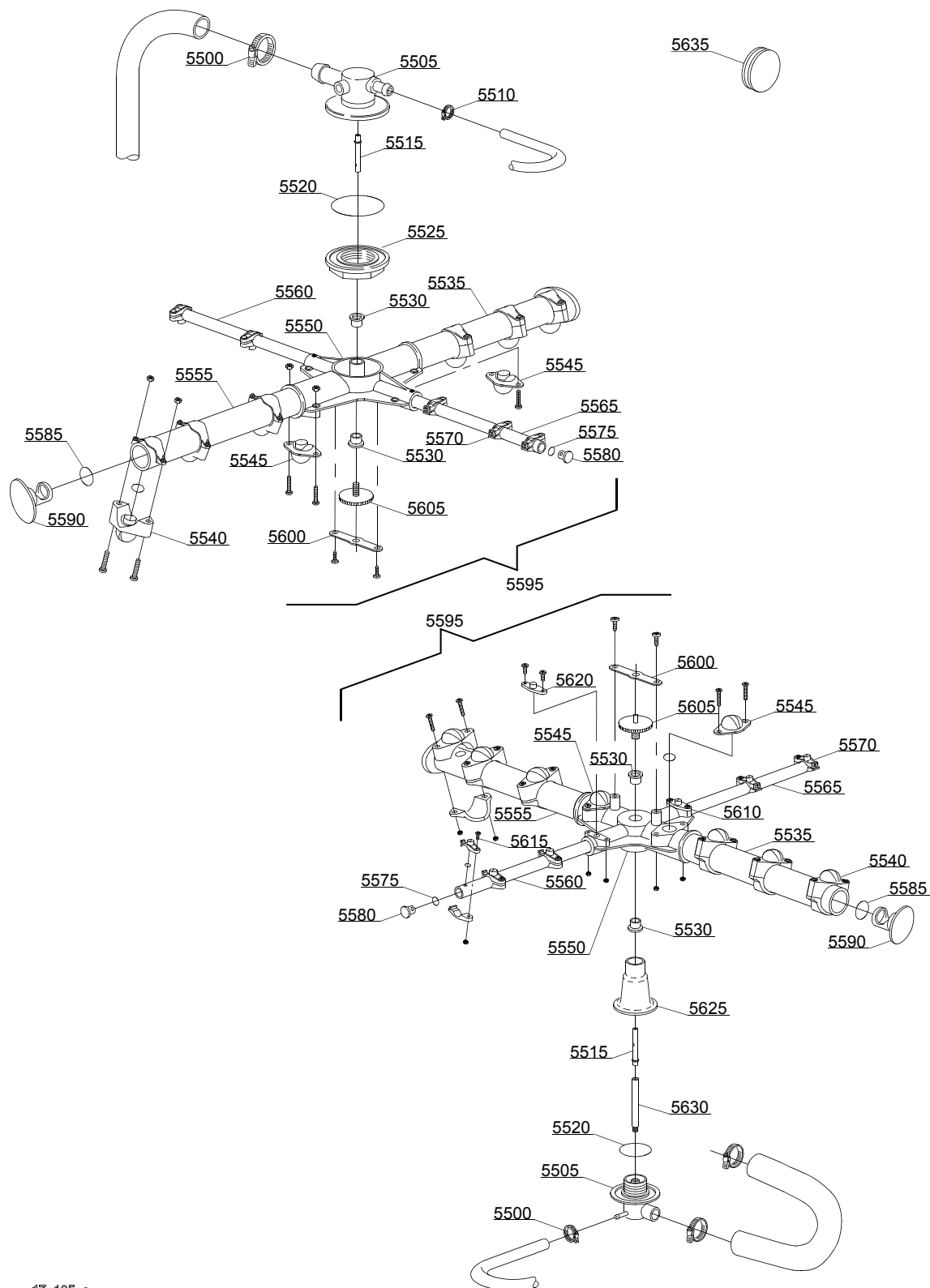
ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Pressure switch group with air trap							
2100	10706/A		-	i,em			47-27 pressure switch
2105	135911/D	4020618	-	i,em			Grey air trap assembly
2110	13301		-	i,em			O-ring (minimum 10 pieces) - D14x8x1,5
2115	11702		-	i,em			M8 stainless steel nut (minimum 10 pieces)
2120	14508		-	i,em			4,5X9 EPDM rubber hose (minimum 2mt)

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL

29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



17_105_e

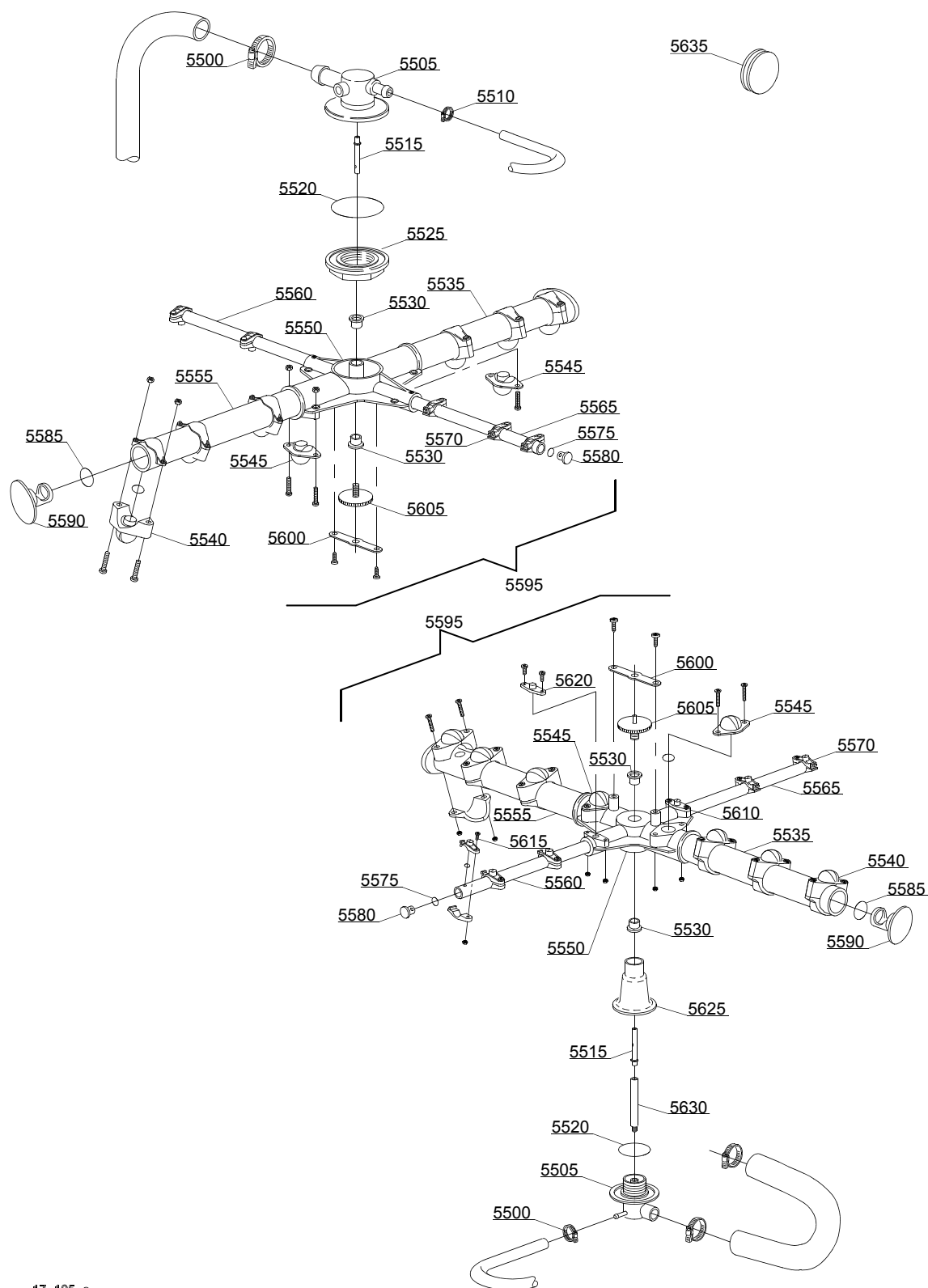
Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Turret group with rotating arms							
5500	11806		-	em,uw,i			25/40 clamp (minimum 2 pieces)
5505	500612		-	em,uw,i			Top/lower turret
5510	11807		-	em,uw,i			12/22 clamp (minimum 3 pieces)
5515	15300		-	em,uw,i			Ø10x51 lower/top rinse axle
5520	13015		-	em,uw,i			6225 OR 160 NBR O-ring (minimum 5 pieces)
5525	500623	4017774	-	em,uw,i			Ring nut for fixing turret
5530	13319		-	em,uw,i			Sliding washer (minimum 4 pieces)
5535	15571		-	em,uw,i			Ø28 right wash pipe
5540	10261		-	em,uw,i			Ø28 raised nozzle (minimum 2 pieces)
5545	10268		-	em,uw,i			Ø28 opened plane nozzle (minimum 2 pieces)
5550	10259		-	em,uw,i			4 ways big rotor
5555	15572		-	em,uw,i			Ø28 left wash pipe
5560	15575		-	em,uw,i			Right rinse pipe
5565	15576		-	em,uw,i			Left rinse pipe
5570	10262		-	em,uw,i			Ø10 complet rinse nozzle (minimum 2 pieces)
5575	13016		-	em,uw,i			2018 OR 103 NBR O-ring (minimum 10 pieces)
5580	12532		-	em,uw,i			Ø10 plastic plug (minimum 3 pieces)
5585	13018		-	em,uw,i			OR 2087 NBR O-ring (minimum 10 pieces)
5590	10257		-	em,uw,i			Ø28 plastic plug (minimum 3 pieces)
5595	15958		-	em,uw,i			Ø28 wash/rinse group
5600	10260		-	em,uw,i			Blocking ring nut rotor plaque (minimum 10 pieces)
5605	11101/I		-	em,uw,i			Stainless steel group fixing screw
5610	10267		-	em,uw,i			Ø10 closed plane nozzle (minimum 2 pieces)
5615	11004		-	em,uw,i			4x10 TCB Ø8 spax toothed screw
5620	10263		-	em,uw,i			Ø10 opened plane nozzle (minimum 2 pieces)
5625	560004		4010319	em,uw,i			Lower pipe coupling
5625	560024	4010320	-	em,uw,i			Lower pipe coupling
5630	560005		-	em,uw,i			Lower rinse axle

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL
29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



17_105_s

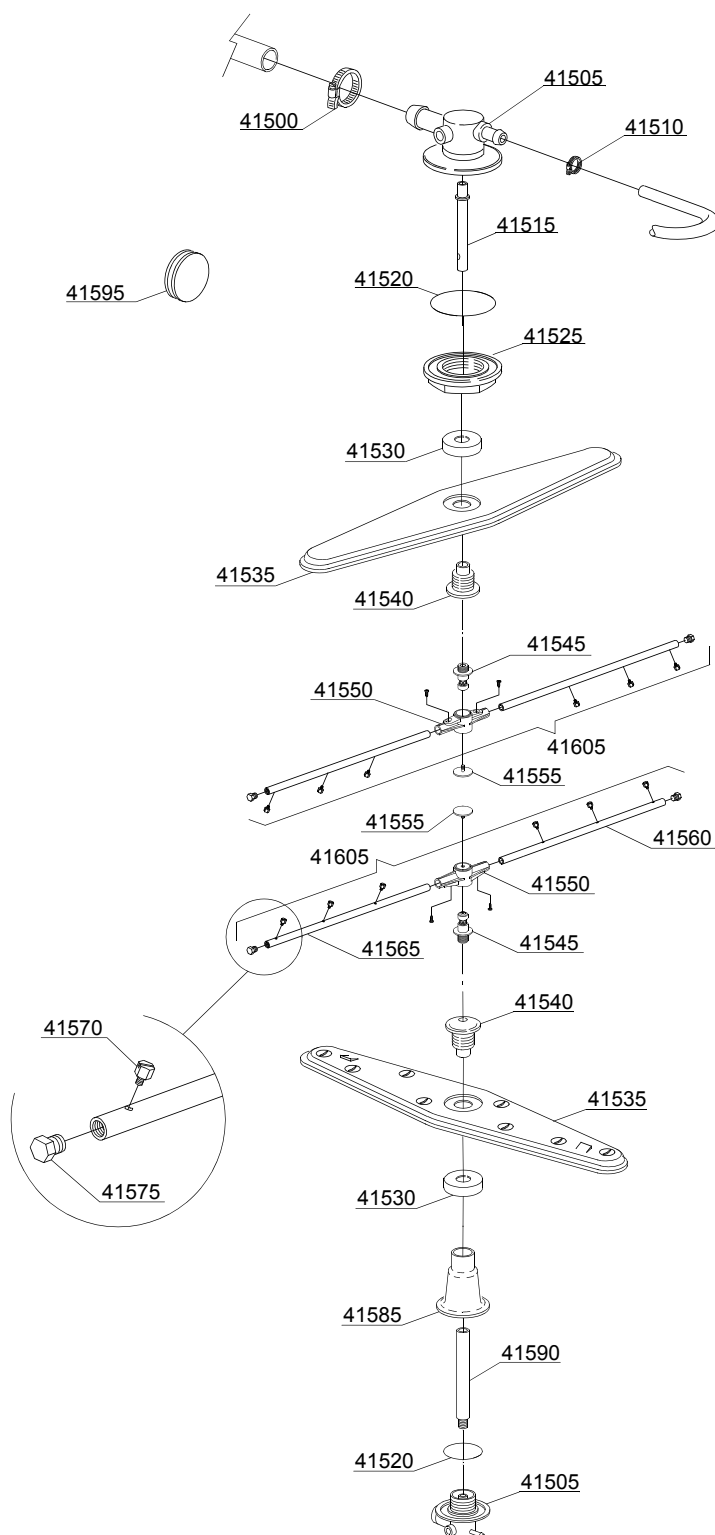
Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Turret group with rotating arms							
5635	13316/A		-	em,uw,i			DVGW hole O-ring

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL
29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz



17_127_e

Spare parts

ID	P-code	SN from	SN to	Mod.	Acces.	Volt	Description
Module:Turret group with rotating arms							
41500	11806		-	uw			25/40 clamp (minimum 2 pieces)
41505	500612		-	uw			Top/lower turret
41510	11807		-	uw			12/22 clamp (minimum 3 pieces)
41515	500703		-	uw			Upper rinse axle extension
41520	13015		-	uw			6225 OR 160 NBR O-ring (minimum 5 pieces)
41525	500623		-	uw			Ring nut for fixing turret
41530	500702		-	uw			Nut for wash arm bearing 05 (inox rinse arm)
41535	500700		-	uw			Stainless steel wash rotor
41540	500701		-	uw			Hub for rotor (inox rinse arm)
41545	10651		-	uw			Rinse axle
41550	10650		-	uw			Rinse arm
41555	10652		-	uw			Rinse arm screw
41560	10657		-	uw			Right rinse arm - stainless steel nozzle
41565	10658		-	uw			Left rinse arm - stainless steel nozzle
41570	560018		-	uw			Stainless steel rinse nozzle
41575	560017		-	uw			Rinse arm plug
41580	550220		-	uw			Hub rotor/pipe coupling spacer
41585	500706		-	uw			Lower pipe coupling
41590	500705		-	uw			Rinse lower distributor connection axle
41595	13316/A		-	uw			DVGW hole O-ring
41605	75918		-	uw			Top/lower rinse arm complete

em=ELECTROMECHANICAL SWITCHES, uw=LOWER AND UPPER WASHING, i=INSULATED MODEL
29P=29P

bt=BREAK TANK, bp=BOOSTER PUMP, dvgw=DVGW, cr=COLD RINSE, ws=WATER SOFTNER, dd=DETERGENT DISPENSER, dp=DRAIN PUMP

A=3/N/PE~380-400V 50-60Hz, D=3/PE~200-210V 50-60Hz, F=2/PE~220-240V 50-60Hz, G=3/N/PE~415V 50-60Hz, H=3/PE~220-230V 50-60Hz, K=3/PE~380-400V 50-60Hz, L=3/PE~415V 50-60Hz, M=3/PE~440V 60Hz, P=1/N/PE~220-230V 50-60Hz, R=2/PE~220-240V 50-60Hz, U=1/N/PE~240V 50-60Hz, V=3/PE~240V 50-60Hz, W=1/N/PE~100-110V 50-60Hz

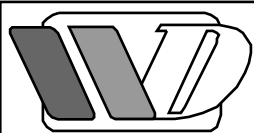
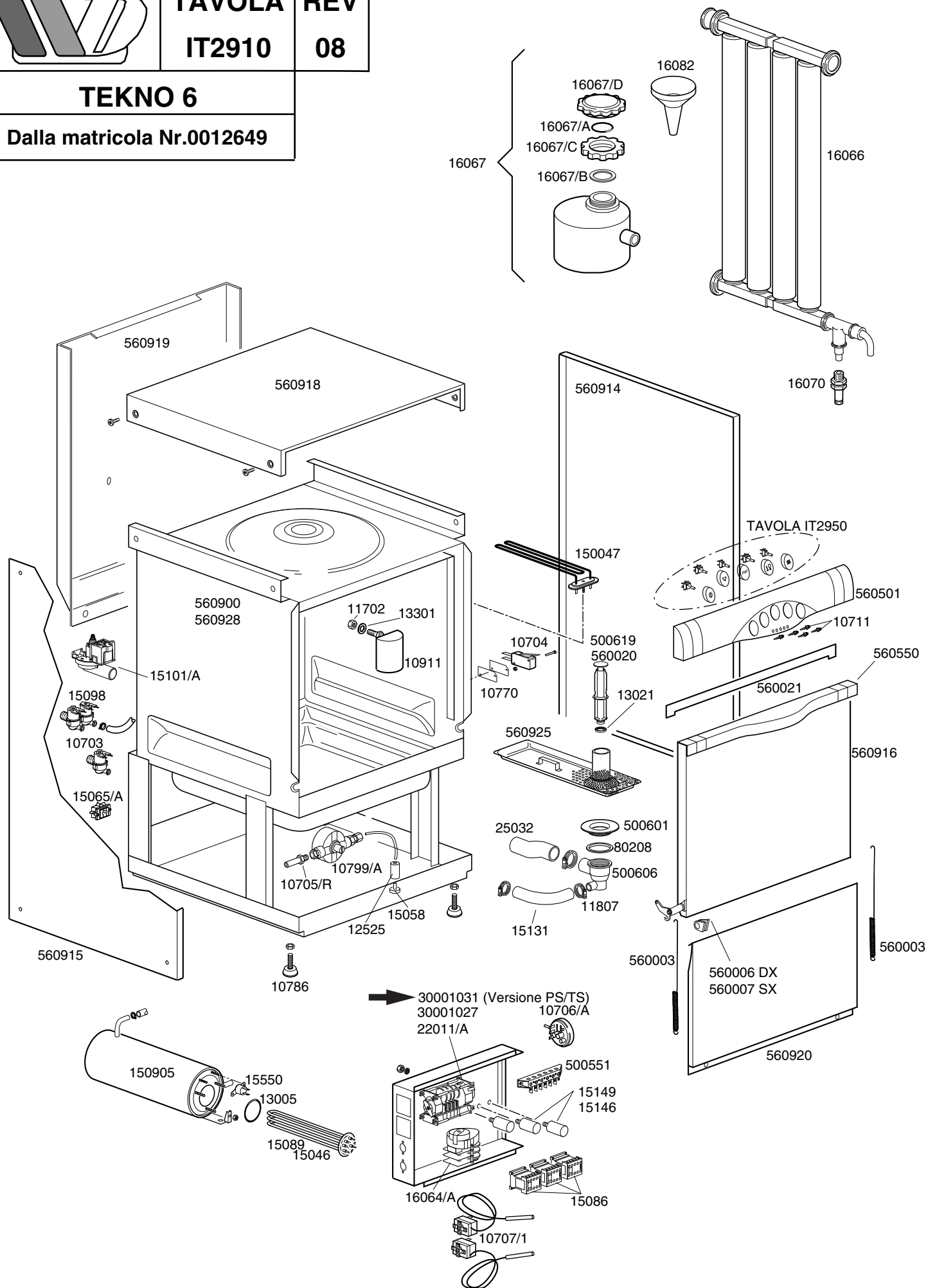


TAVOLA
IT2910

REV
08

TEKNO 6

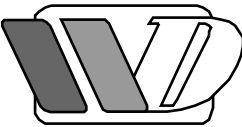
Dalla matricola Nr.0012649

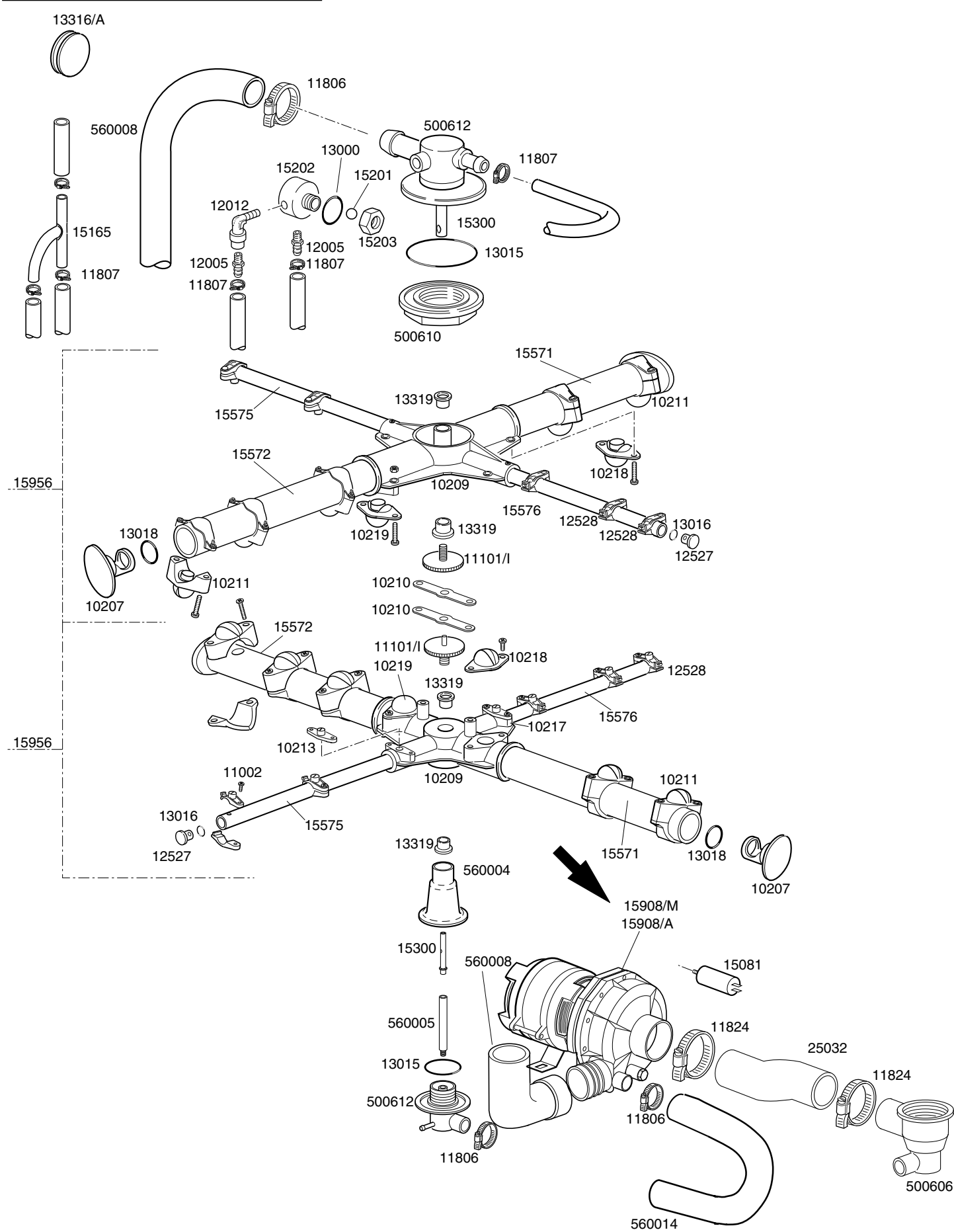


LAVASTOVIGLIE TEKNO 6

TAVOLA IT2910

CODICE	DESCRIZIONE	CODICE	DESCRIZIONE
10703	Elettrovalvola singola	15101/A	Pompa di scarico con chiocciola orientabile
10704	Microinterruttore porta	16064/A	Timer 18 min. depurazione
10711	Spia verde piccola	16067/A	Guarnizione OR per tappo boccia sale
10770	Isolante per microswitch	16067/B	Guarnizione boccia sale
10786	Piedino M10x25 d.40 nero	16067/C	Ghiera per boccia sale
10911	Gabbia d'aria	16067/D	Tappo per boccia sale
11702	Dado M8	22011/A	Timer 2/4 per 200Vac. 50Hz
11807	Fascetta inox 12-22		
12525	Contropeso per filtrino		
13005	Guarnizione OR 151		
13021	Guarnizione DEM 40		
13301	Guarnizione 14x8x1,5		
15046	Resistenza boiler 3000W		
15058	Filtrino aspirazione		
15086	Teleruttore 230V 50-60Hz 4C		
15089	Resistenza boiler 4500W		
15098	Elettrovalvola doppia		
15131	Manicotto rony-flex		
15146	Filtro Antidisturbo F1		
15149	Filtro antidisturbo F3		
15550	Termostato di sicurezza a contatto		
16066	Decalcificatore 4 elementi		
16067	Contenitore sale		
16070	Valvola non ritorno		
16082	Imbuto		
25032	Manicotto aspirazione		
80208	Guarnizione 95x75x3		
150047	Resistenza vasca 2700W		
150905	Boiler		
500551	Morsettiera 6 poli FV122		
500601	Ghiera per pozzetto		
500606	Pozzetto con scarico laterale dx		
500619	Troppopieno		
560003	Molla sportello		
560006	Gommino dx per cerniera		
560007	Gommino sx per cerniera		
560020	Troppopieno (Vers.pompa di scarico - da Marzo 1999)		
560021	Guarnizione battuta sportello		
560501	Cruscotto comandi		
560550	Maniglia in plastica		
560900	Carrozzeria inox		
560914	Fianco dx		
560915	Fianco sx		
560916	Gruppo porta maniglia plastica		
560918	Coperchio esterno frontale plastica		
560919	Schienale		
560920	Sottoporta		
560925	Filtro superficie		
560928	Carrozzeria inox depurazione		
30001027	Timer 2 tempi		
→ 30001031	Timer 2 temp 120"/180"230V 50Hz TM-PS		
10705/R	Raccordo per tubo d.8		
10706/A	Pressostato 55-30		
10707/1	Termostato 0-90° TR2 senza albero		
10799/A	Dosatore brillantante 3 vie		
15065/A	Passacavo		

	TAVOLA	REV
	IT2930	01
TEKNO 6		
Dalla matricola 99021432		

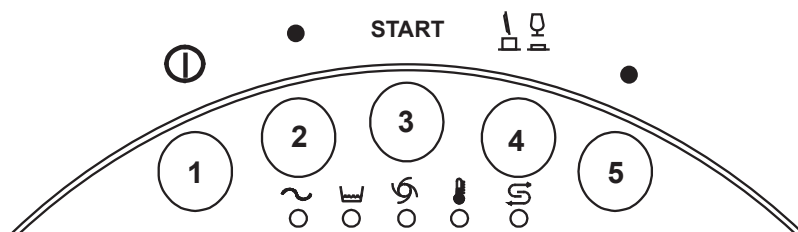


LAVASTOVIGLIE TEKNO 6	TAVOLA IT2930
-----------------------	------------------

LAVASTOVIGLIE TEKNO 6	TAVOLA IT2930
-----------------------	------------------

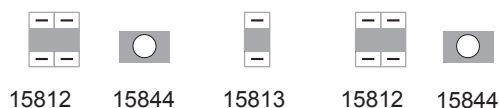
SERIE TEKNO 6 DI SERIE

Tasti



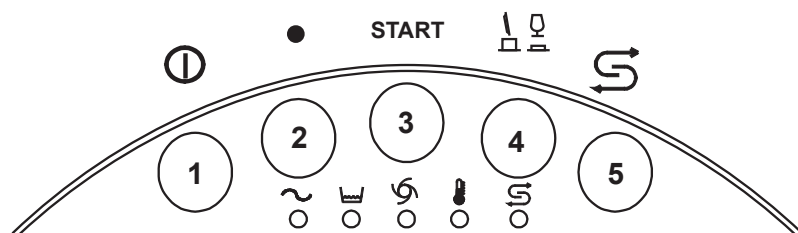
- 1 Cod. 560527/A
- 2 Cod. 560523/A
- 3 Cod. 560529/A
- 4 Cod. 560530/A
- 5 Cod. 560526/A

Comandi



SERIE TEKNO 6 DEPURAZIONE

Tasti



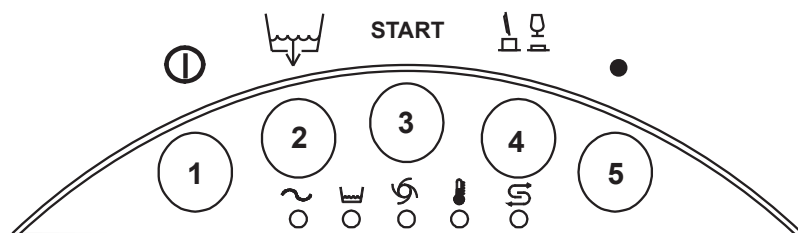
- 1 Cod. 560527/A
- 2 Cod. 560523/A
- 3 Cod. 560529/A
- 4 Cod. 560530/A
- 5 Cod. 560531/A

Comandi



SERIE TEKNO 6 POMPA DI SCARICO

Tasti



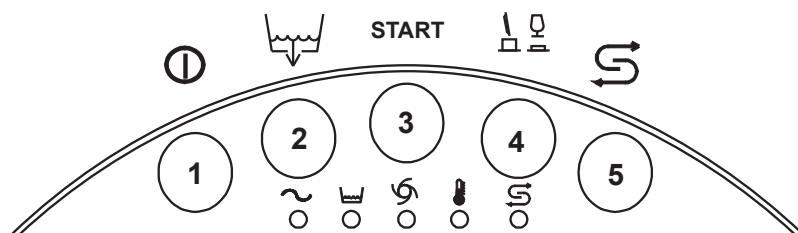
- 1 Cod. 560527/A
- 2 Cod. 560528/A
- 3 Cod. 560529/A
- 4 Cod. 560530/A
- 5 Cod. 560526/A

Comandi



SERIE TEKNO 6 DEPURAZIONE-POMPA DI SCARICO

Tasti



- 1 Cod. 560527/A
- 2 Cod. 560528/A
- 3 Cod. 560529/A
- 4 Cod. 560530/A
- 5 Cod. 560531/A

Comandi

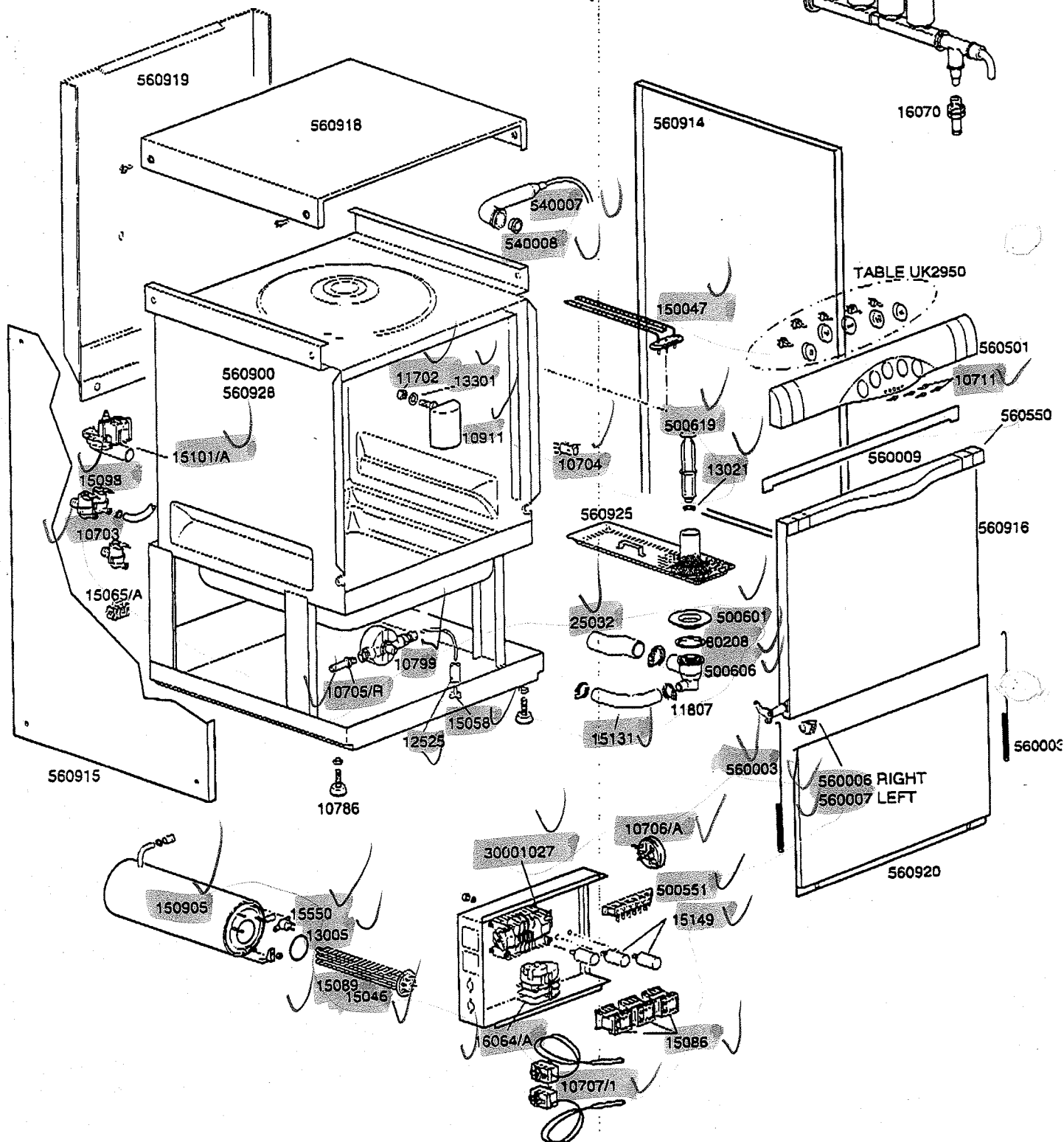


TAVOLA IT2950

Rev.01 15/04/2000



TEKNO 6



TEKNO 6 DISHWASHER

TABLE
UK2910

CODE	DESCRIPTION	CODE	DESCRIPTION
10703	Single solenoid valve	15101/A	Drain pump with orientable spiral
10704	Door microswitch	11127	M6x20 stainless steel screw
10711	Small green pilot light	11168	M6x12 Stainless steel screw
10770	Insulator for microswitch	16064/A	Timer 18 min. water conditioning
10786	Black M10x25 d.40 foot	16067/A	OR Gasket for salt container plug
10911	Air tarp	16067/B	Salt container gasket
11702	M8 stainless steel nut	16067/C	Ring nut for salt container
11807	Stainless steel clamp 12-22	16067/D	Salt container plug
12525	Counterweight for small filter	22011/A	Timer 2/4 200Vac. 50Hz
13005	OR 151 gasket	15381	150VA 0/230V - 0/400-415-440V Trasf. ←
13021	DEM 40 gasket		
13301	14x8x1,5 gasket		
15046	Boiler heating element 3000W		
15058	Suction filter		
15086	Electromagnetic switch 230V 50-60Hz 4C		
15089	Boiler resistance 4500W		
15098	Double solenoid valve		
15131	Tube rony-flex 30-450		
15146	Interference suppressor filter F1		
15149	Interference suppressor filter F3		
15550	Contact safety thermostat		
16066	Water softener 4 elements		
16065	Salt container		
16070	Check valve		
16082	Funnel		
25032	Suction coupling		
80208	95x75x3 gasket		
150047	Tank resistance 2700W		
150905	Boiler		
500551	6 pole-terminal board FV122		
500601	Ferrule		
500606	Right side drainage trap		
500619	Overflow		
560003	Spring door		
560006	Right gasket for spring		
560007	Left gasket for spring		
560020	Overflow (Drain pump version - from March 1999)		
560021	Gasket for doorstop		
560501	Control panel		
560550	ABS grey handle		
560900	Stainless steel structure		
560914	Right side panel		
560915	Left side panel		
560916	Plastic handle support assembly		
560918	External front plastic cover		
560919	Back panel		
560920	Under door panel		
560925	Surface filter		
560928	Stainless steel structure CFD		
30001027	2-Time timer		
30001031	2 time timer 120"/180"230V 50Hz+TM-PS		
10705/R	Fitting for pipe d.8		
10706/A	Manostat 55-30		
10707/1	Thermostat 0-90° TR2 without shaft		
10799/A	3-Way rinser additive measurer		

Rev.10 29/11/2001

540007 / 14/11/2001 // 540008/2 // 15101/A /2 //



TABLE
UK2930

REV
02

TEKNO 6

From serial Nr.01011009 on

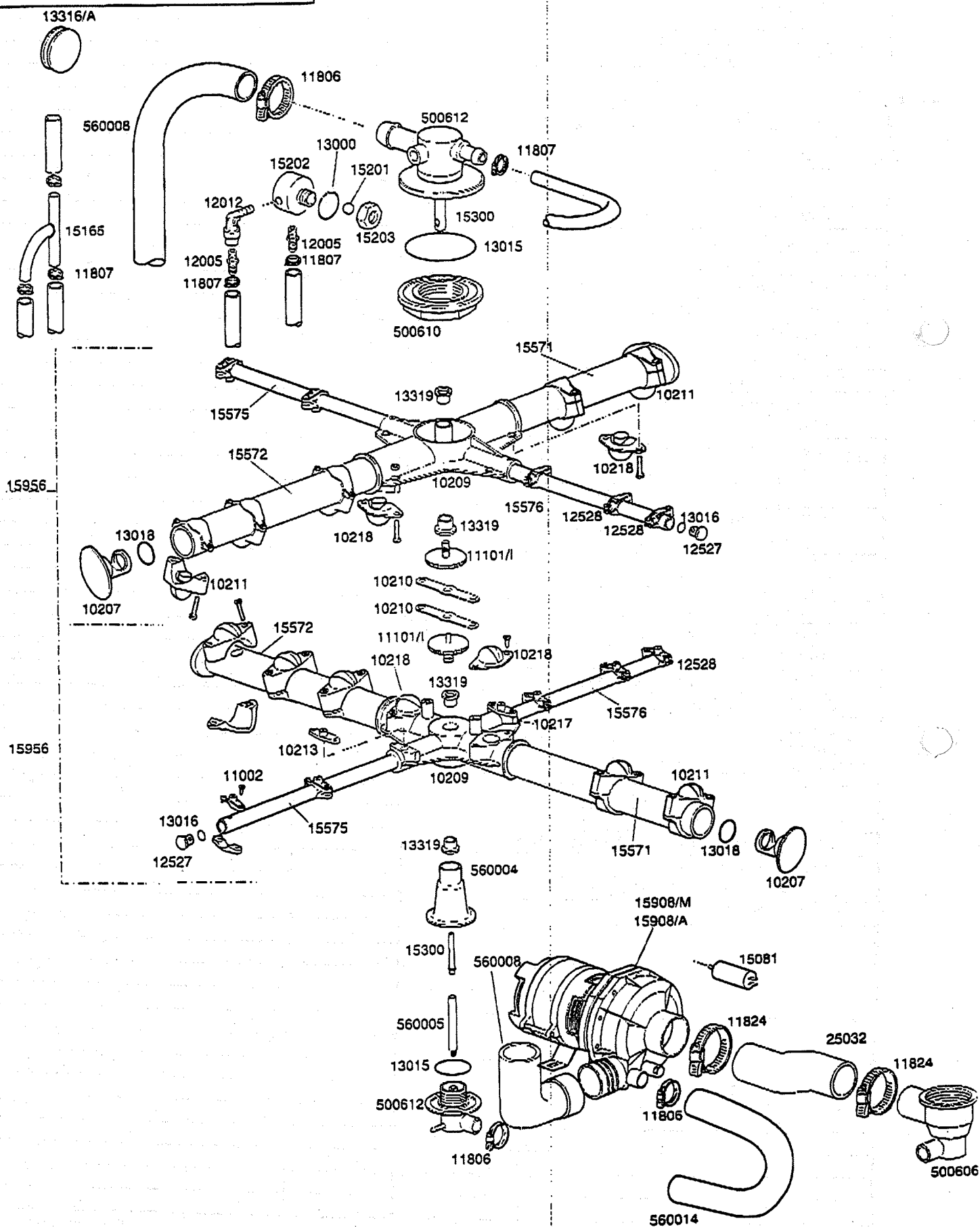


TABLE I

Rev.02 02/04/2001



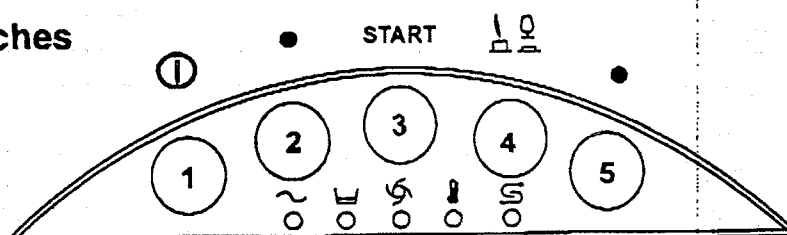
TABLE
UK2950

REV
00

SWITCHES TEKNO 6

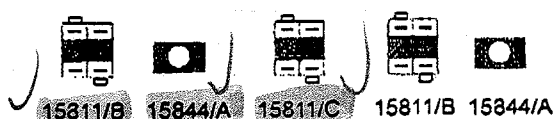
SERIES TEKNO 6

Switches



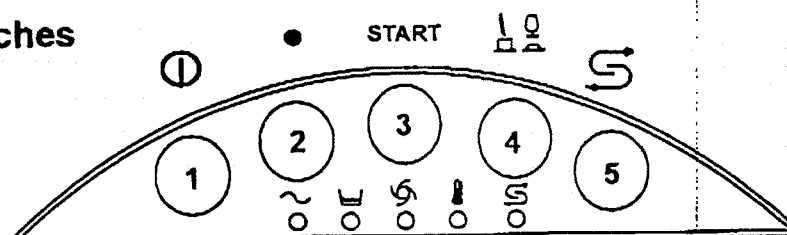
- 1 Cod. 560527
- 2 Cod. 560523
- 3 Cod. 560529
- 4 Cod. 560530
- 5 Cod. 560526

Control



SERIES TEKNO 6 DEPURATION

Switches



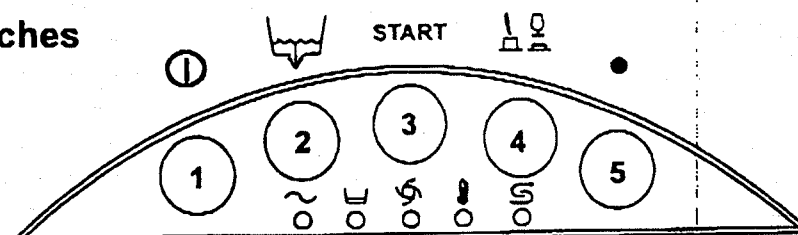
- 1 Cod. 560527
- 2 Cod. 560523
- 3 Cod. 560529
- 4 Cod. 560530
- 5 Cod. 560531

Control



SERIES TEKNO 6 DRAIN PUMP

Switches



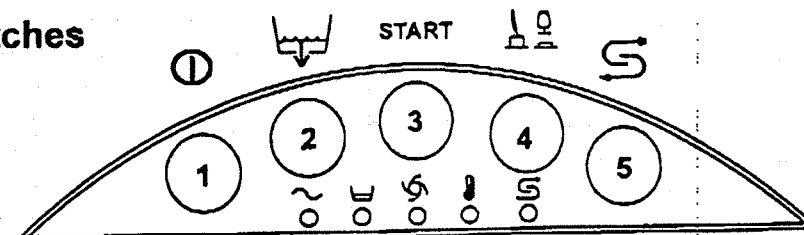
- 1 Cod. 560527
- 2 Cod. 560528
- 3 Cod. 560529
- 4 Cod. 560530
- 5 Cod. 560526

Control



SERIES TEKNO 6 REGENERATION-DRAIN PUMP

Switches



- 1 Cod. 560527
- 2 Cod. 560528
- 3 Cod. 560529
- 4 Cod. 560530
- 5 Cod. 560531

Control

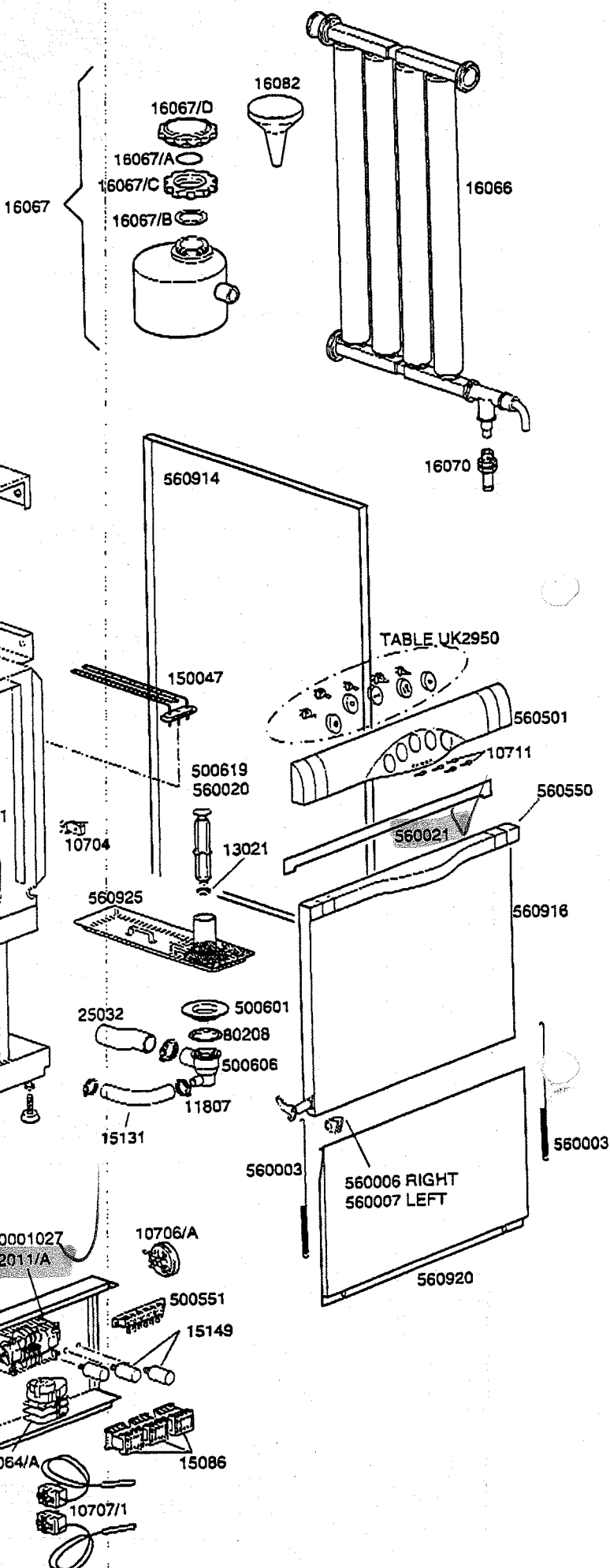
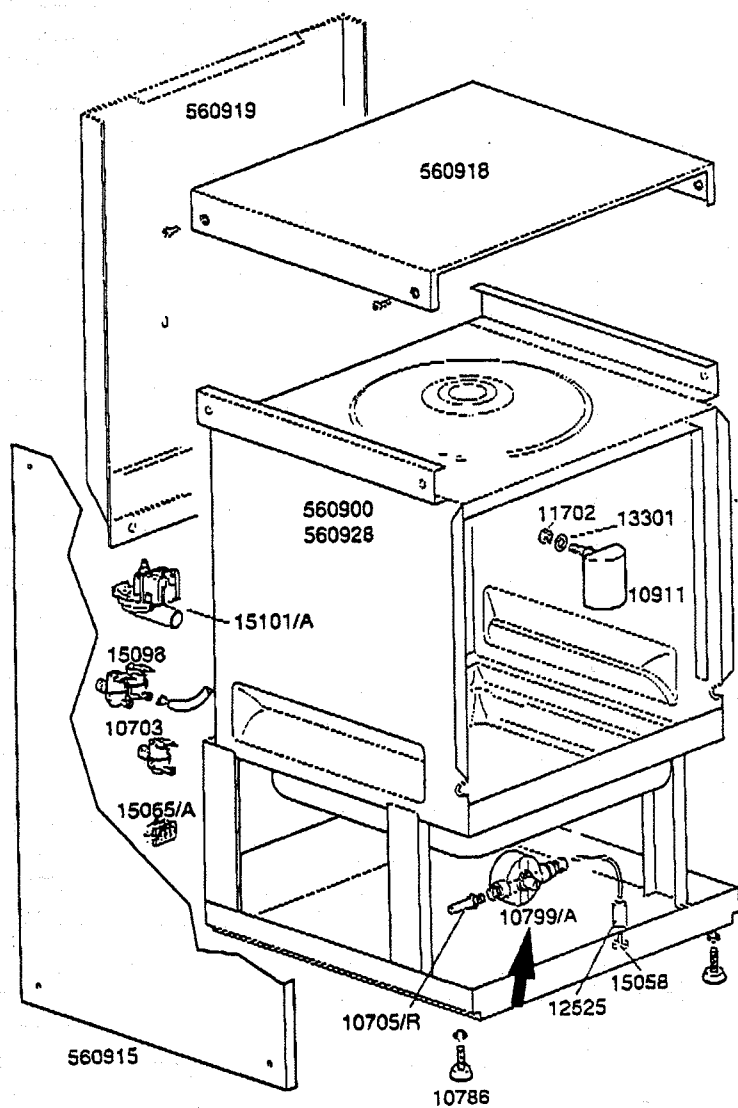


TABLE
UK2980[illegible]

Rev.01 15/04/2000

15811/C/2 15811/B/? 15844/A/2

	TABLE	REV
	UK2910	06
TEKNO 6		
FROM SERIAL NR.99015438 ON		



TEKNO B DISHWASHER

TABLE
UK2910

CODE	DESCRIPTION	CODE	DESCRIPTION
10703	Single solenoid valve	15101/A	Drain pump with orientable spiral
10704	Door microswitch	11127	M6x20 stainless steel screw
10711	Small green pilot light	11168	M6x12 Stainless steel screw
10770	Insulator for microswitch	16064/A	Timer 18 min. water conditioning
10786	Black M10x25 d.40 foot	16067/A	OR Gasket for salt container plug
10911	Air tarp	16067/B	Salt container gasket
11702	M8 stainless steel nut	16067/C	Ring nut for salt container
11807	Stainless steel clamp 12-22	16067/D	Salt container plug
12525	Counterweight for small filter	22011/A	Timer 2/4 200Vac. 50Hz
13005	OR 151 gasket	15381	150VA 0/230V - 0/400-415-440V Trasf. ←
13021	DEM 40 gasket		
13301	14x8x1,5 gasket		
15046	Boiler heating element 3000W		
15058	Suction filter		
15086	Electromagnetic switch 230V 50-60Hz 4C		
15089	Boiler resistance 4500W		
15098	Double solenoid valve		
15131	Tube rony-flex 30-450		
15146	Interference suppressor filter F1		
15149	Interference suppressor filter F3		
15550	Contact safety thermostat		
16066	Water softener 4 elements		
16065	Salt container		
16070	Check valve		
16082	Funnel		
25032	Suction coupling		
80208	95x75x3 gasket		
150047	Tank resistance 2700W		
150905	Boiler		
500551	6 pole-terminal board FV122		
500601	Ferrule		
500606	Right side drainage trap		
500619	Overflow		
560003	Spring door		
560006	Right gasket for spring		
560007	Left gasket for spring		
560020	Overflow (Drain pump version - from March 1999)		
560021	Gasket for doorstop		
560501	Control panel		
560550	ABS grey handle		
560900	Stainless steel structure		
560914	Right side panel		
560915	Left side panel		
560916	Plastic handle support assembly		
560918	External front plastic cover		
560919	Back panel		
560920	Under door panel		
560925	Surface filter		
560928	Stainless steel structure CFD		
30001027	2-Time timer		
30001031	2 time timer 120"/180"230V 50Hz+TM-PS		
10705/R	Fitting for pipe d.8		
10706/A	Manostat 55-30		
10707/1	Thermostat 0-90° TR2 without shaft		
10709/A	3-Way rinser additive measurer		

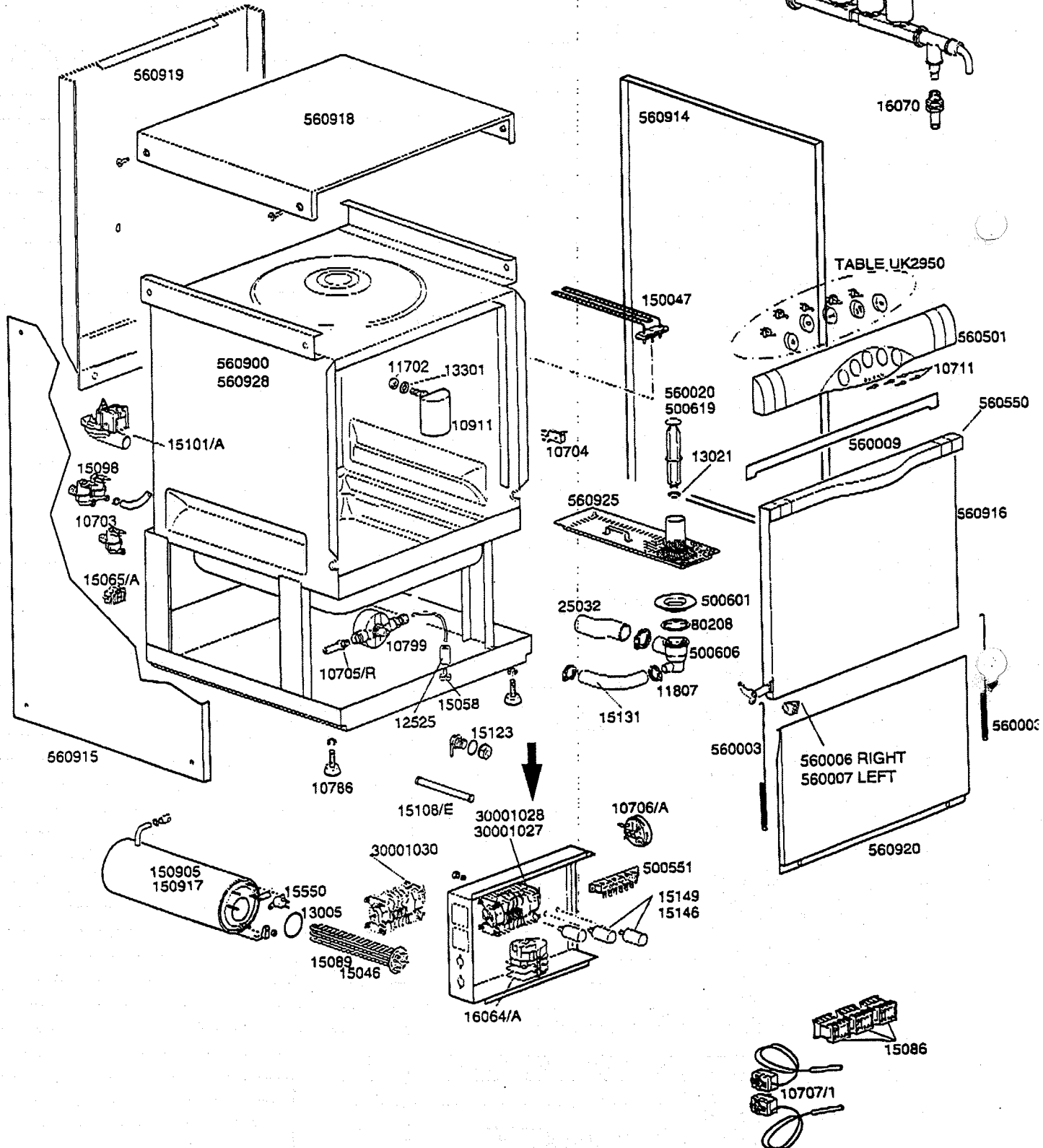


TABLE
UK2910

REV
04

TEKNO 6

From serial number 99021432



TEKNO 6 DISHWASHER

TABLE
UK2910

CODE	DESCRIPTION	CODE	DESCRIPTION
10703	Single solenoid valve	15101/A	Drain pump with orientable spiral
10704	Door microswitch	11127	M6x20 stainless steel screw
10711	Small green pilot light	11168	M6x12 Stainless steel screw
10770	Insulator for microswitch	16064/A	Timer 18 min. water conditioning
10786	Black M10x25 d.40 foot	16067/A	OR Gasket for salt container plug
10911	Air tarp	16067/B	Salt container gasket
11702	M8 stainless steel nut	16067/C	Ring nut for salt container
11807	Stainless steel clamp 12-22	16067/D	Salt container plug
12525	Counterweight for small filter	22011/A	Timer 2/4 200Vac. 50Hz
13005	OR 151 gasket	15381	150VA 0/230V - 0/400-415-440V Trasn. ←
13021	DEM 40 gasket		
13301	14x8x1,5 gasket		
15046	Boiler heating element 3000W		
15058	Suction filter		
15086	Electromagnetic switch 230V 50-60Hz 4C		
15089	Boiler resistance 4500W		
15098	Double solenoid valve		
15131	Tube rony-flex 30-450		
15146	Interference suppressor filter F1		
15149	Interference suppressor filter F3		
15550	Contact safety thermostat		
16066	Water softener 4 elements		
16065	Salt container		
16070	Check valve		
16082	Funnel		
25032	Suction coupling		
80208	95x75x3 gasket		
150047	Tank resistance 2700W		
150905	Boiler		
500551	6 pole-terminal board FV122		
500601	Ferrule		
500606	Right side drainage trap		
500619	Overflow		
560003	Spring door		
560006	Right gasket for spring		
560007	Left gasket for spring		
560020	Overflow (Drain pump version - from March 1999)		
560021	Gasket for doorstop		
560501	Control panel		
560550	ABS grey handle		
560900	Stainless steel structure		
560914	Right side panel		
560915	Left side panel		
560916	Plastic handle support assembly		
560918	External front plastic cover		
560919	Back panel		
560920	Under door panel		
560925	Surface filter		
560928	Stainless steel structure CFD		
30001027	2-Time timer		
30001031	2 time timer 120°/180°230V 50Hz+TM-PS		
10705/R	Fitting for pipe d.8		
10706/A	Manostat 55-30		
10707/1	Thermostat 0-90° TR2 without shaft		
10799/A	3-Way rinser additive measurer		



TABLE
UK2930

REV
00

TEKNO 6

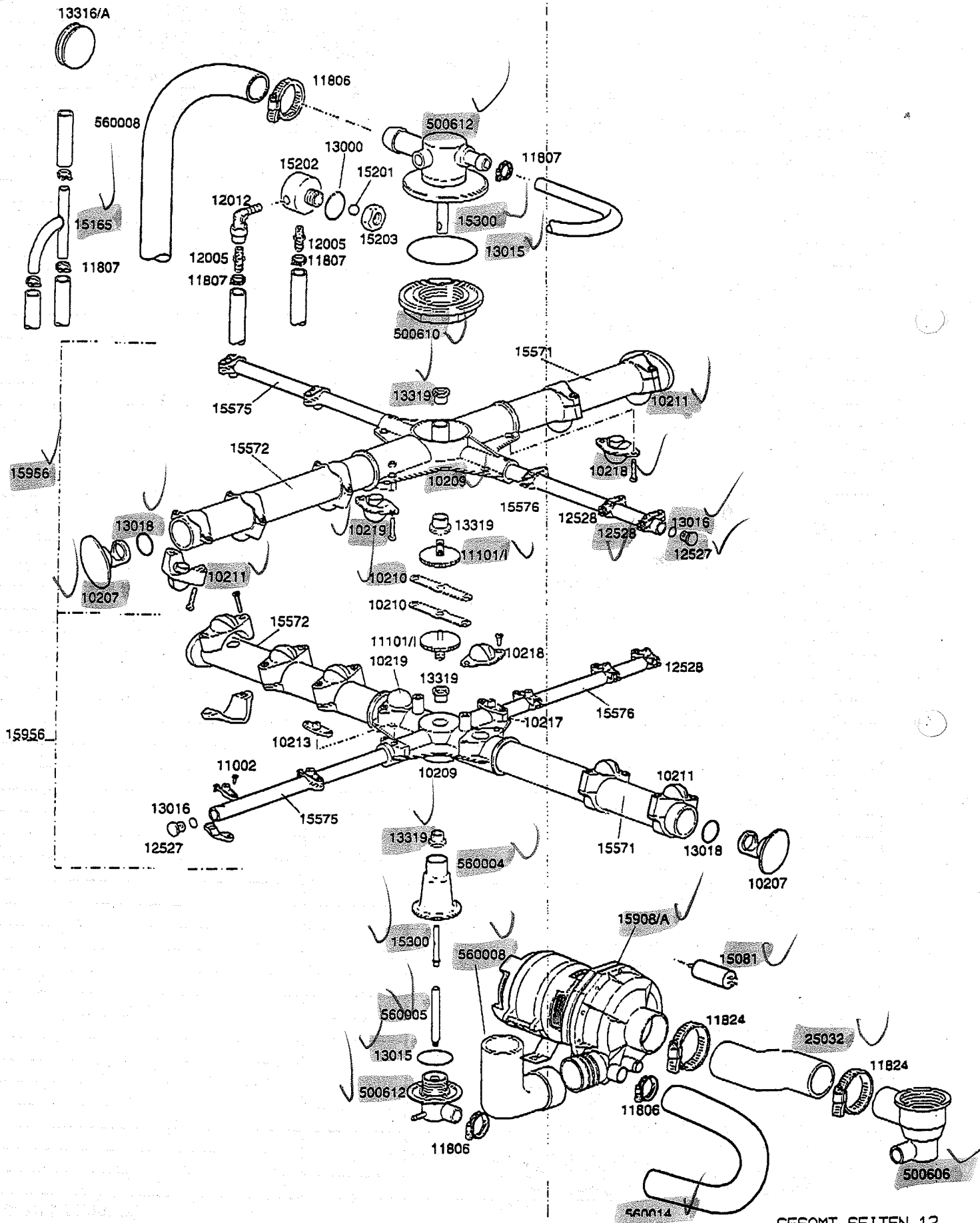


TABLE UK930

Rev.02 02/04/2001