

ILLUSTRATED PARTS MANUAL

FOR

LAVADRY

TT 733

TT 735

TT 745

Serial N°	
Wiring Diagram	

1998	01	DE
1999	02	DA
2000	03	EN ●
2001	04	ES
2002	05	FI
2003	06	FR
2004	07	IT
2005	08	NL
2006	09	NO
2007	10	PT
2008	11	RU
2009	12	SE

LAVATEC

L A V A T E C
Wäschereimaschinen
GMBH & CO. KG
Wannenackerstraße 53
D - 74 078 Heilbronn
P . O . B . 2 5 6 5
D - 74 015 Heilbronn
Phone 0 71 31 / 2980
Fax 0 71 31 / 2 30 51

9. SPARE PARTS LIST

ORDERING SPARE PARTS

In case spare parts are needed, please include the following information with your order:

1. Type and serial number of the equipment (located on the name plate).
2. Part number, part name and quantity required. Use this manual to facilitate ordering.
3. When ordering electric motors, please include complete name plate data, motor manufacturer, and wiring diagram number.

Our service and spare parts department consists of specially trained personnel to assist you with your needs. Please do not hesitate to call if we can be of any assistance.

SUBJECT TO CHANGES WITHOUT NOTIFICATION

9.1 TABLE OF CONTENTS

	Page
Contents	9-0.1
Note:	
Pages of groups 9-1.0 to 9-1.13 are obsolete.	
The above applies only for serial-numbers:	
7330002 until 7330006 and 7330014	
7350001 until 7350012	
7450002 until 7450006 and 7450009 until 7450016	
Front Panel (Overview) 2. Version	9-2.0
Front Panel (Overview) with 2 Cylinders	9-2.1
Thrust Roller Assembly Front and Rear Panel 2. Version	9-3.0
Loading Door 2. Version	9-4.0
Loading Door with 2 Lift Cylinders	9-4.3
Cable Layout and Cylinder Front Panel 2. Version	9-5.0
Front Panel (Overview) 2-Way Tilt Version	9-6.0
Loading Door 2-Way Tilt Version	9-7.0
Cable Layout and Cylinder Front Panel 2-Way Tilt Version	9-8.0
Rear Panel (Overview)	9-9.0
Unloading Door	9-10.0
Cable Layout and Cylinder Rear Panel	9-11.0
Free	9-12.0
Hinge Assembly and Side Door	9-13.0
Drum Drive Assembly	9-14.0
Drum Suspension	9-15.0
Drum and Seals	9-16.0
Lint Screens	9-17.0
Lint Screen Drive	9-18.0
Gas Burner RAH with Blower and Control Flap	9-19.0
Monitoring and Infrared Sensor	9-20.0
Free	9-21.0
Blower Housing (Overview)	9-22.0

	Page
Gas System with RAH Burner 230V / 50 Hz Type 733	9-23.0
Gas System with RAH Burner 230V / 50 Hz Type 735/745	9-23.10
Gas System with RAH Burner 115 V / 60 Hz	9-24.0
Type 735 valid until July 89 for Canada, Type 745 valid until August 89 for Canada and Type 745 valid until September 93 for USA, Repl. Page 9-24.10	
Gas System with RAH Burner 115 V / 60 Hz	9-24.10
Type 735 valid from August 89 for Canada, Type 745 valid from Sept. 89 for Canada, Type 745 valid from October 93 for USA	
Gas Heating Surface Burner Minnox, Version: Europe	9-25.0
Gas Heating Surface Burner Minnox, Version: USA-CND	9-25.10
Gas Heating Line Burner Type 733, 735, 745 Version: Europe	9-26.0
Gas Heating Line Burner Type 733, 735, 745 Version: USA-CND	9-26.10
Free	9-27.0
Blower Housing (Overview) Steam - Bypass Air	9-28.0
Blower Housing (Overview) Electric Heating – Bypass	9-28.10
Bypass Housing Electric Heating	9-28.20
Electric Heating	9-28.30
Heat Exchanger and Steam Screens	9-29.0
Cylinder Assembly (Exhaust)	9-30.0
Cylinder Assembly (Bypass Air)	9-31.0
Exhaust Housing (Bypass Air - Blowout)	9-32.0
Make-up Air Flap	9-33.0
Pneumatic System	9-34.0
Tilt Cylinder Assembly	9-35.0
Lint Suction 1. and 2. Version	9-36.0
Lint Suction 3. Version	9-36.10
Central Lint Suction (Option) Blow-out Device	9-37.0
Central Lint Suction (Option) Shut-Off Gate Valve	9-37.10
Central Lint Suction (Option) Lint Enclosure	9-37.20
Blower Assembly	9-38.0
Sprinkler Assembly	9-39.0
Free	9-40.0

TYPE 733,735,745

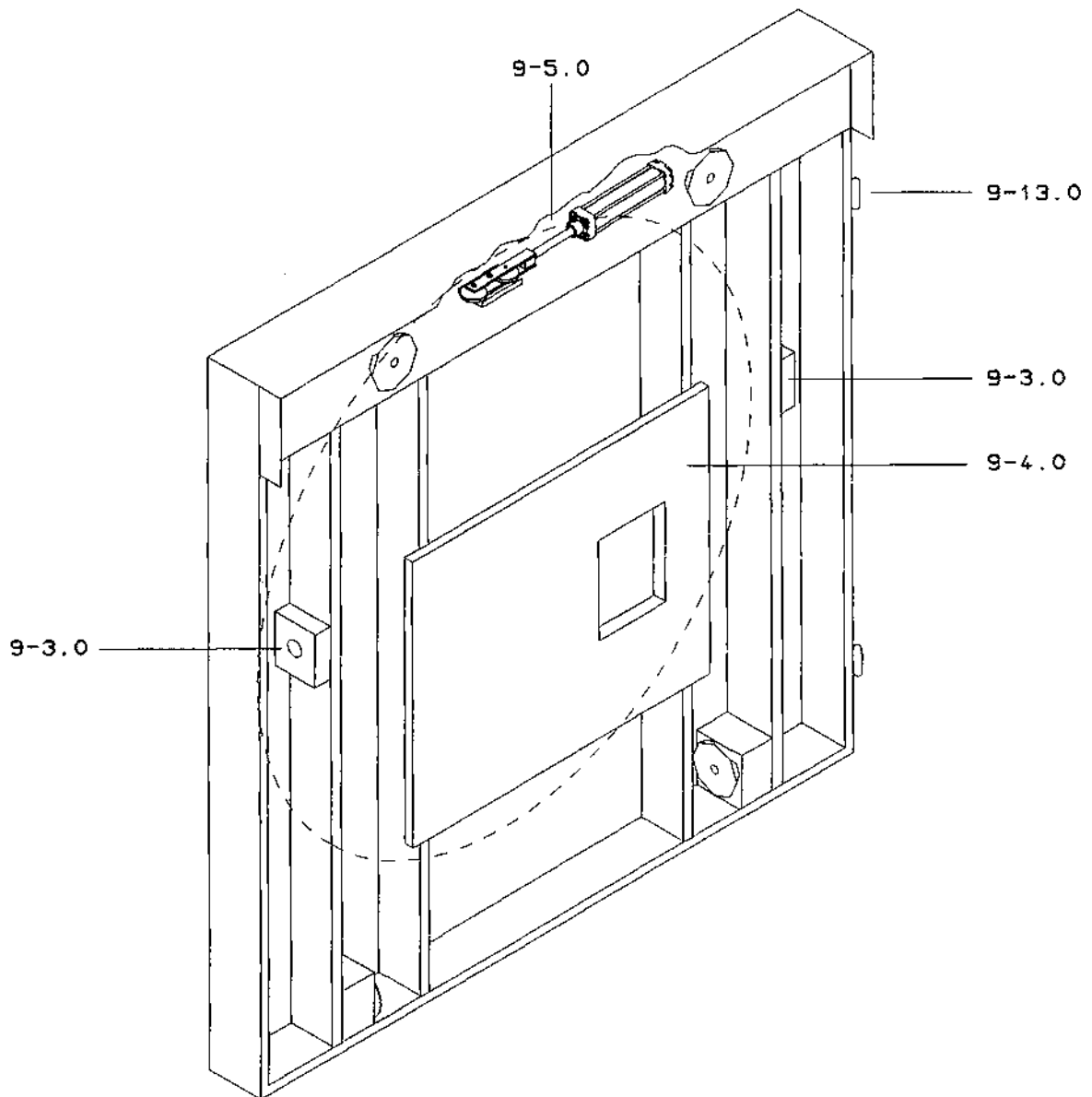
FRONT PANEL (OVERVIEW)

Page

2. VERSION

9-2.0

FOR TYPE 745
LOADING DOOR WITH 2 LIFT CYLINDERS
SEE PAGE 9-4.3



TYPE 745

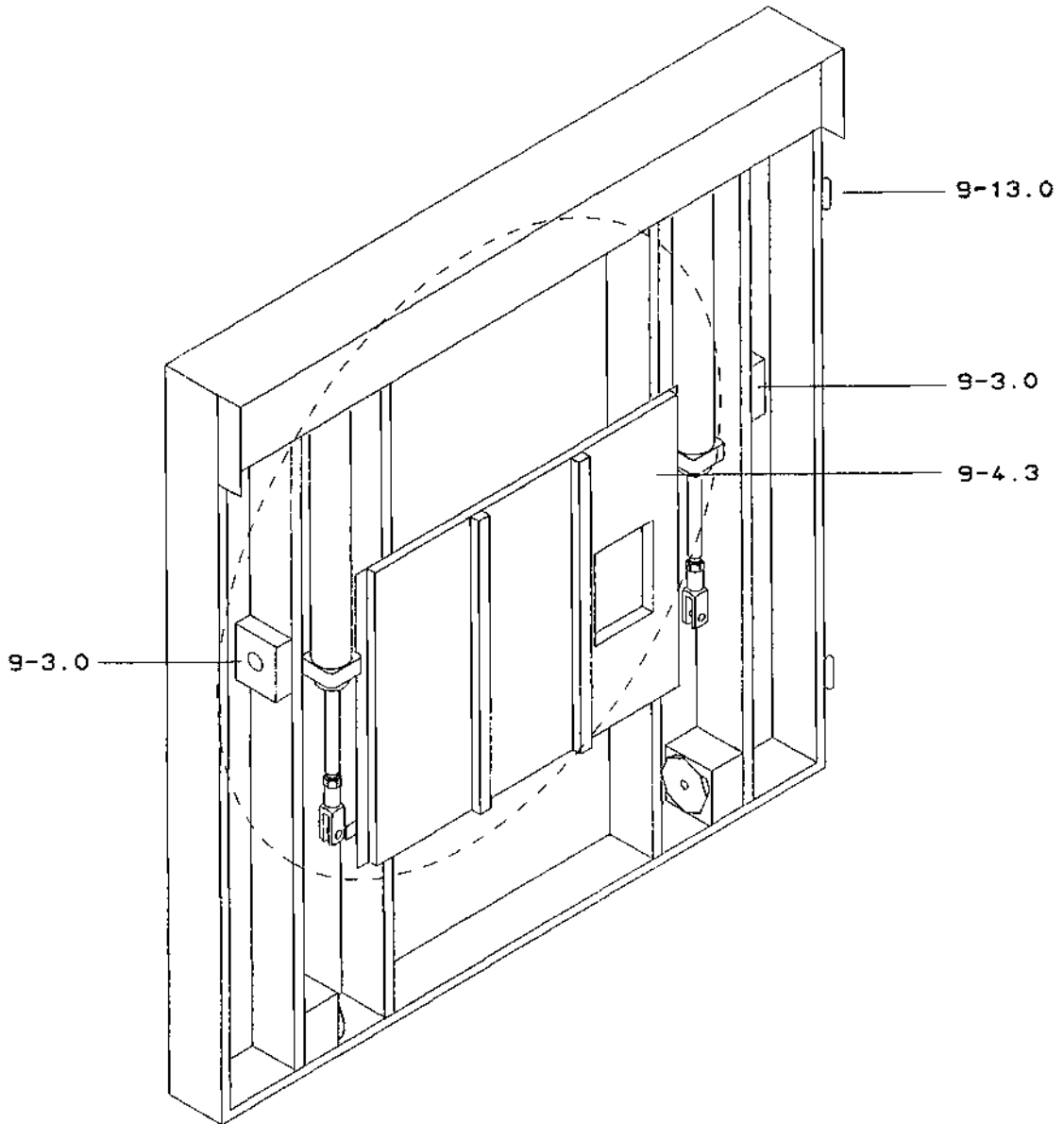
FRONT PANEL (OVERVIEW)

Page

WITH 2 CYLINDERS

9-2.1

valid from serial-no 7450330



TYPE 733,735,745

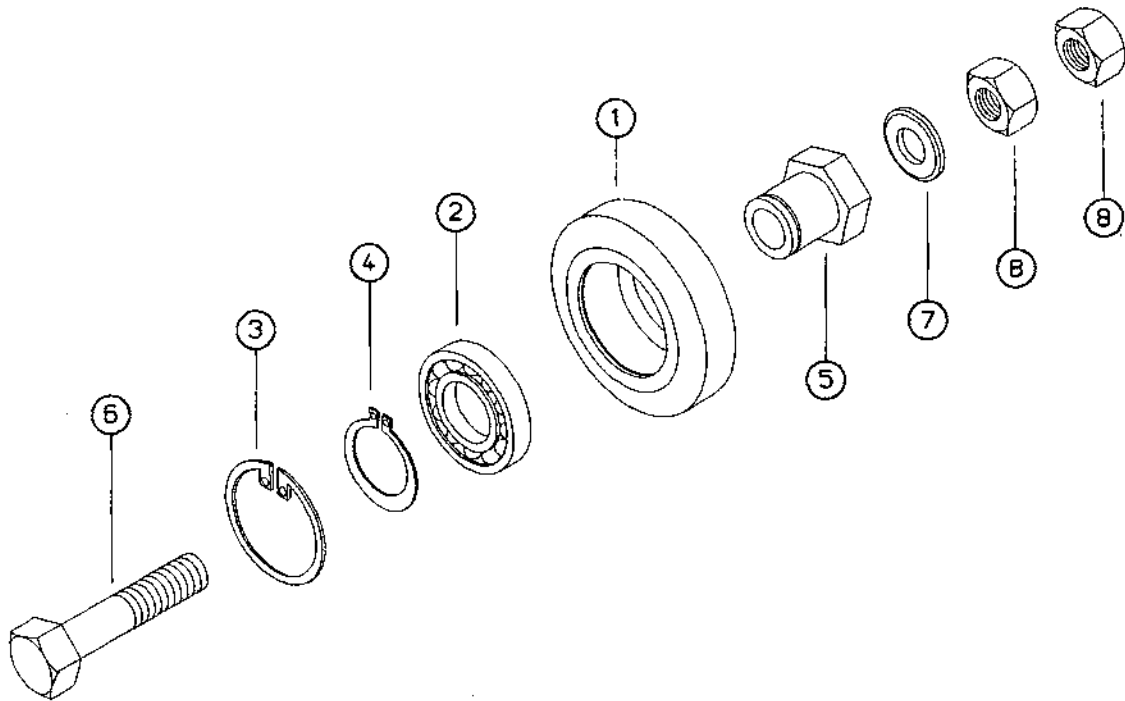
THRUST ROLLER ASSEMBLY
FRONT AND REAR PANEL
2. VERSION

Page

9-3.0

Adjustment Instruction

If the friction wheel is at the forward ring, then the friction wheel at the back should be free and not rotating. This means, that at least on one side of the drum the friction wheel must run free.



Type 733,735,745		Spare Parts List Thrust Roller Assembly Front and Rear Panel 2. Version			Page 9-3.1
Pos.	Part No.	Part Name	Description	Quant.	
1	223 342-4	Wheel, Friction, Replacem. 223 511-4	d=100 mm	4	
	223 511-4	Wheel, Friction	d=105 mm	4	
2	100 031	Bearing, Ball	6205 2 RS	4	
3	025 007	Circlip	DIN 472 52x2	4	
4	025 005	Circlip	DIN 472 25x1.2	4	
5	223 343-4	Bolt, Eccentric		4	
6	020 452	Bolt, Hex	DIN 931 M10x70	4	
7	020 713	Washer, Tension	DIN 6796 10.0	4	
8	020 038	Nut, Hex	DIN 934 M10	8	
	224 770-4	Wheel, Friction compl. consists of positions: 1,2,3,4, and 5.	d=105 mm	4	
	914 046-5	Wheel, Friction Pos. 1,2,3., Replacem. 236 218-5	d=100 mm		
	236 218-5	Wheel, Friction Pos. 1,2,3.	d=105 mm		

TYPE 733, 735, 745

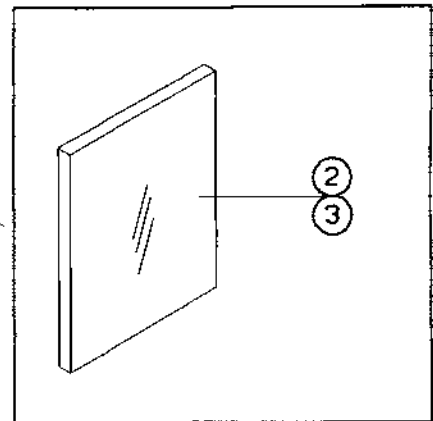
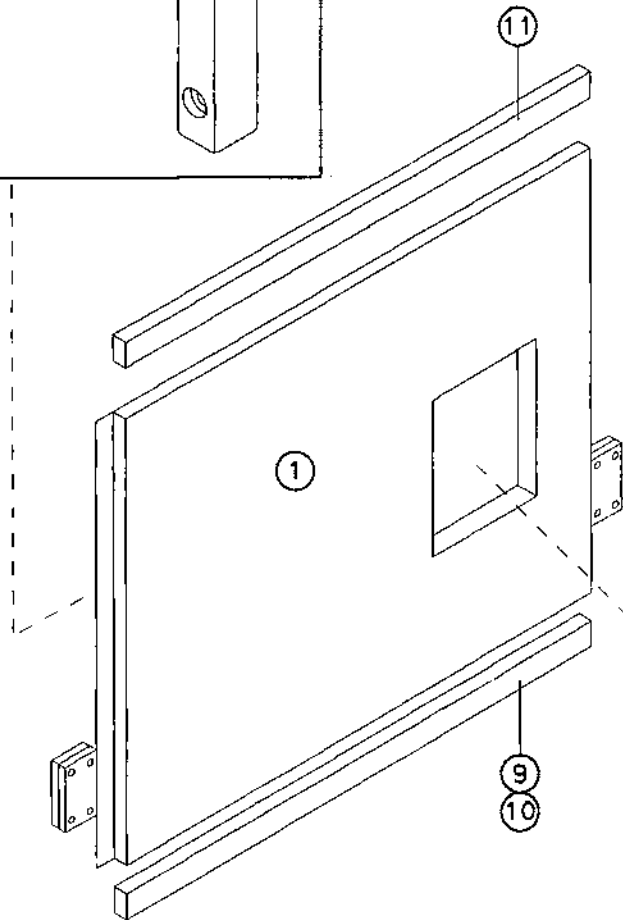
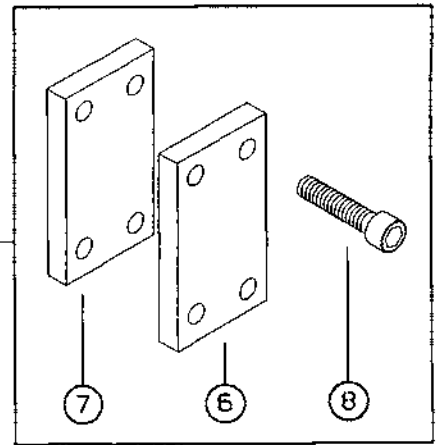
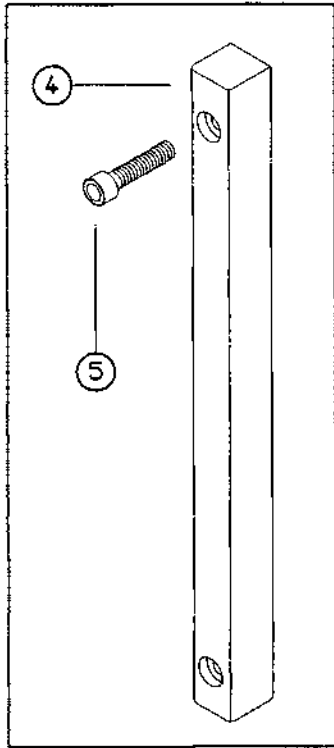
LOADING DOOR

Page

2. VERSION

9-4.0

Loading Door for Type 745
with 2 Lift Cylinders
see Page 9-4.3



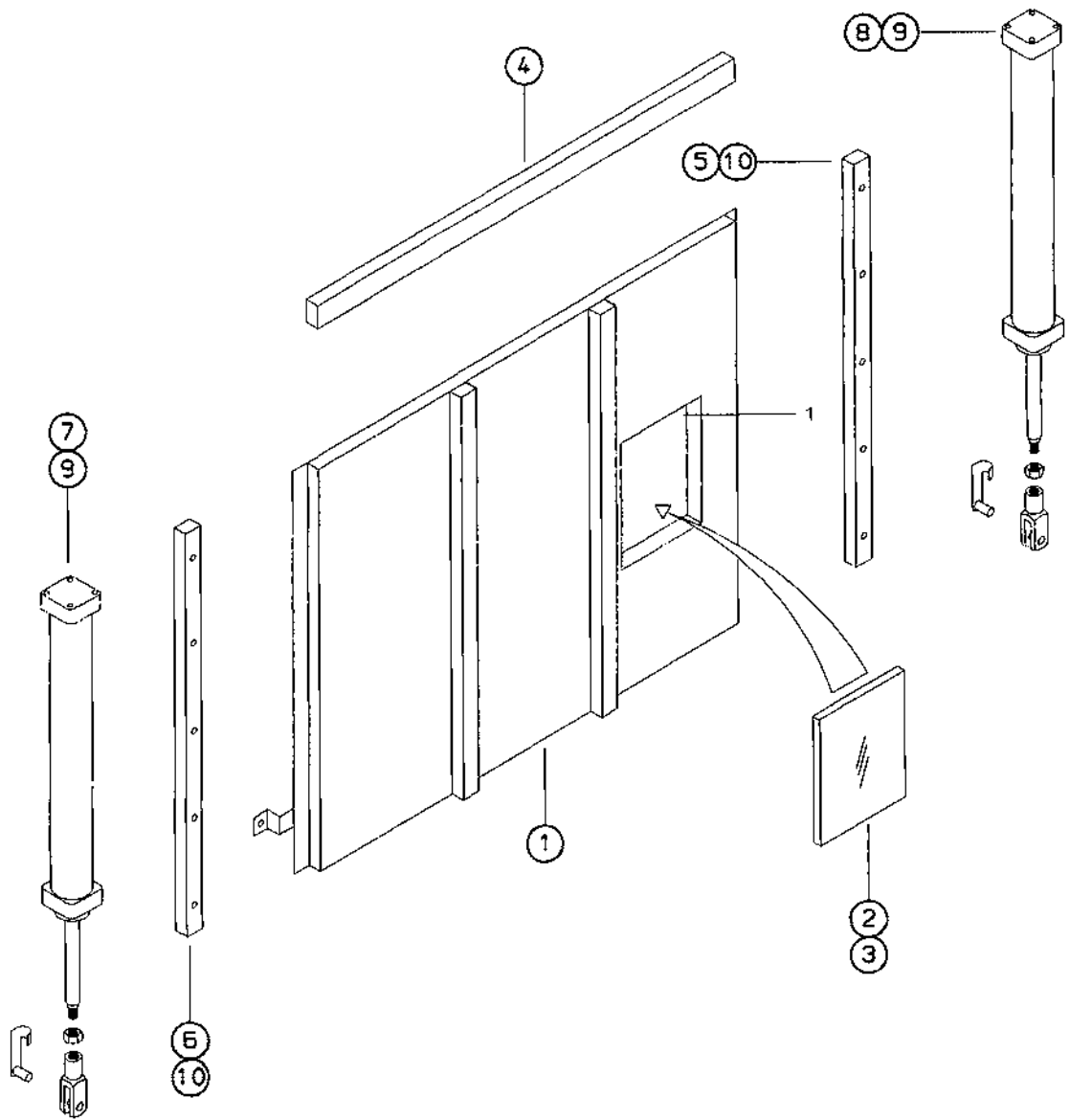
Type 733,735,745		Spare Parts List Loading Door 2. Version			Page 9-4.1
Pos.	Part No.	Part Name	Description	Quant.	
1	223 945-2	Door, Loading		1	
2	220 130-4	Washer		1	
3	028 004	Compound, Sealing Novasil	black	1	
4	223 223-4	Bracket	Brass	2	
5	020 566	Screw, Socket Cap	DIN 912 M6x25	4	
6	223 971-4	Bracket, Clamping (narrow)		2	
7	223 970-4	Bracket, Clamping (wide)		2	
8	020 453	Screw, Socket Cap	DIN 912 M8x16	8	
9	005 732	Moltopren	(Type 733,735) 15x10x1040	1	
10	005 734	Strip, Felt	(Type 745) 25x10x1040	1	
11	123 019	Felt	12x2x1300	1	

TYPE 745

LOADING DOOR WITH
2 LIFT CYLINDERS

Page

9-4.3



Type		Spare Parts List		Page
745		Loading Door with 2 Cylinders		9-4.4
Pos.	Part No.	Part Name	Description	Quant.
1	225 625-2	Door, Loading with Brackets Pos. 5+6, Replacem. 225 656-5		1
	225 656-5	Door, Loading compl.		1
2	220 130-4	Washer		1
3	028 004	Compound, Sealing Novasil		1
4	123 019	Felt	15x2x1300	1
5	225 628-4	Bracket	Polyamide	1
6	225 629-4	Bracket	Polyamide	1
7	237 482-4	Cylinder left, assembled		1
8	237 546-4	Cylinder right, assembled		1
9	111 641	Cylinder	DN40/Str. 640	2
		Repair Kit for Cylinder 111 641	Indic. serial no.	1
10	020 569	Rivet CS		10

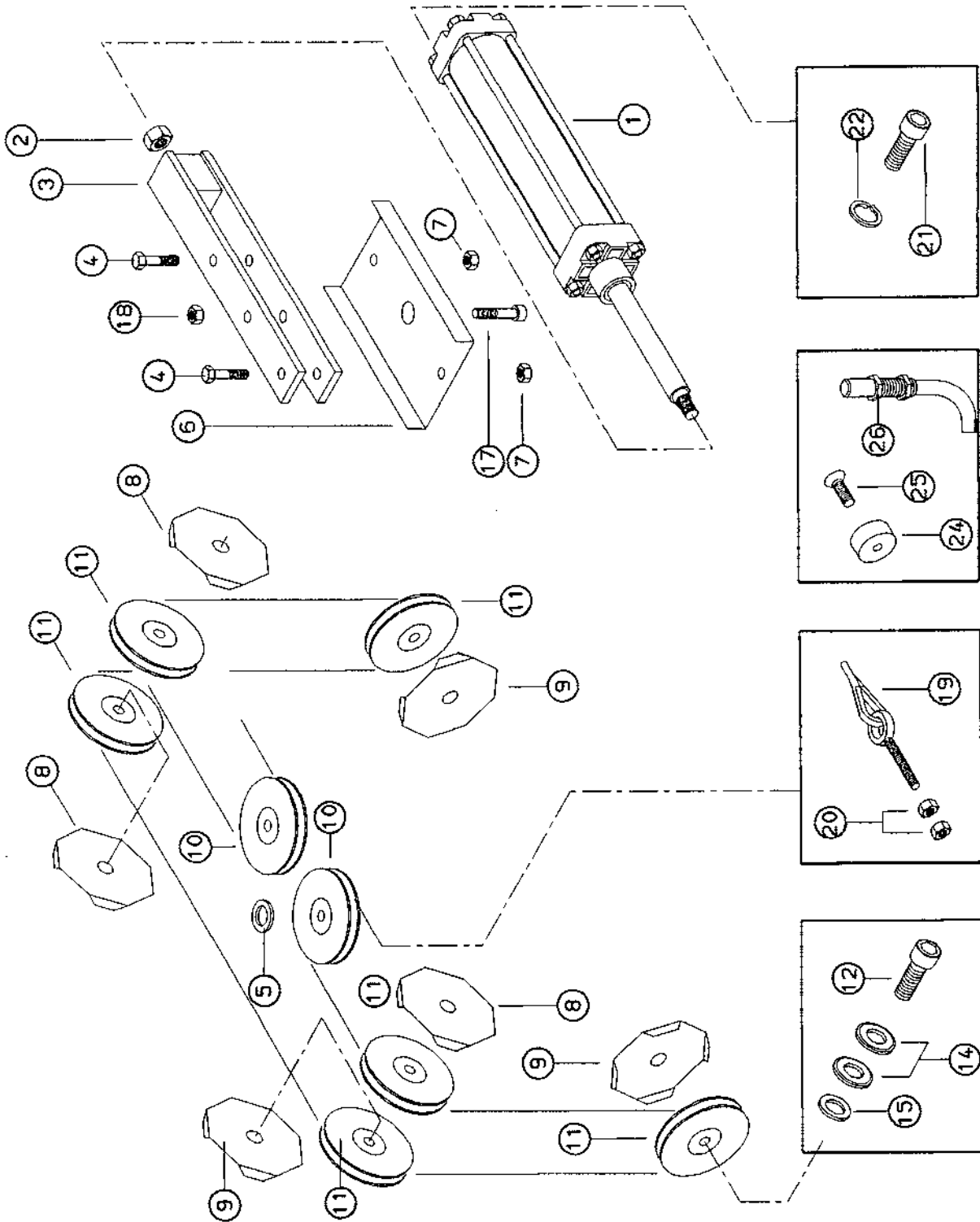
TYPE 733, 735, 745

CABLE LAYOUT AND CYLINDER

Page

FRONT PANEL 2. VERSION

9-5.0



Type 733,735,745		Spare Parts List Cable Layout and Cylinder Front Panel 2. Version			Page 9-5.1
Pos.	Part No.	Part Name	Description	Quant.	
1	111 112	Cylinder	DN63/Str. 320	1	
		Repair Kit for Cylinder Pos. 1	Indic. serial no.	1	
2	020 040	Nut, Hex	DIN 934 M16	1	
3	224 934-3	Bracket, Tension		2	
4	020 454	Bolt, Hex	DIN 931 M12x45	4	
5	221 867-4	Spacer		1	
6	222 003-3	Pulley, Cover		2	
7	020 039	Nut, Hex	DIN 934 M12	3	
8	223 968-3	Pulley, Cover		3	
9	223 969-3	Pulley, Cover		2	
10	221 865-4	Pulley (with bearing)	d=100 mm	6	
11	223 974-4	Pulley (with bearing)	d= 96 mm	6	
12	020 077	Screw, Socket Cap	DIN 912 M10x25	6	
13					
14	020 713	Washer, Tension	DIN 6796 10.0	6	
15	223 752-4	Spacer		6	
16					
17	020 076	Screw, Socket Cap	DIN 912 M10x45	1	
18	020 038	Nut, Hex	DIN 934 M12	1	
19	123 975-3	Cable	(Type 733,735) 9037 mm	1	
	124 077-3	Cable	(Type 745) 10170 mm	1	

Type 733,735,745		Spare Parts List Cable Layout and Cylinder Front Panel 2. Version			Page 9-5.2
Pos.	Part No.	Part Name	Description	Quant.	
20	020 036	Nut, Hex	DIN 934 M6	2	
21	020 354	Screw, Socket Cap	DIN 912 M8x16	4	
22	020 058	Washer, Spring	DIN 127 B8	4	
23				1	
24	135 473	Magnet		2	
25	020 220	Screw, Set	DIN 964 M4x20	2	
26	135 472	Switch, Magnetic		2	

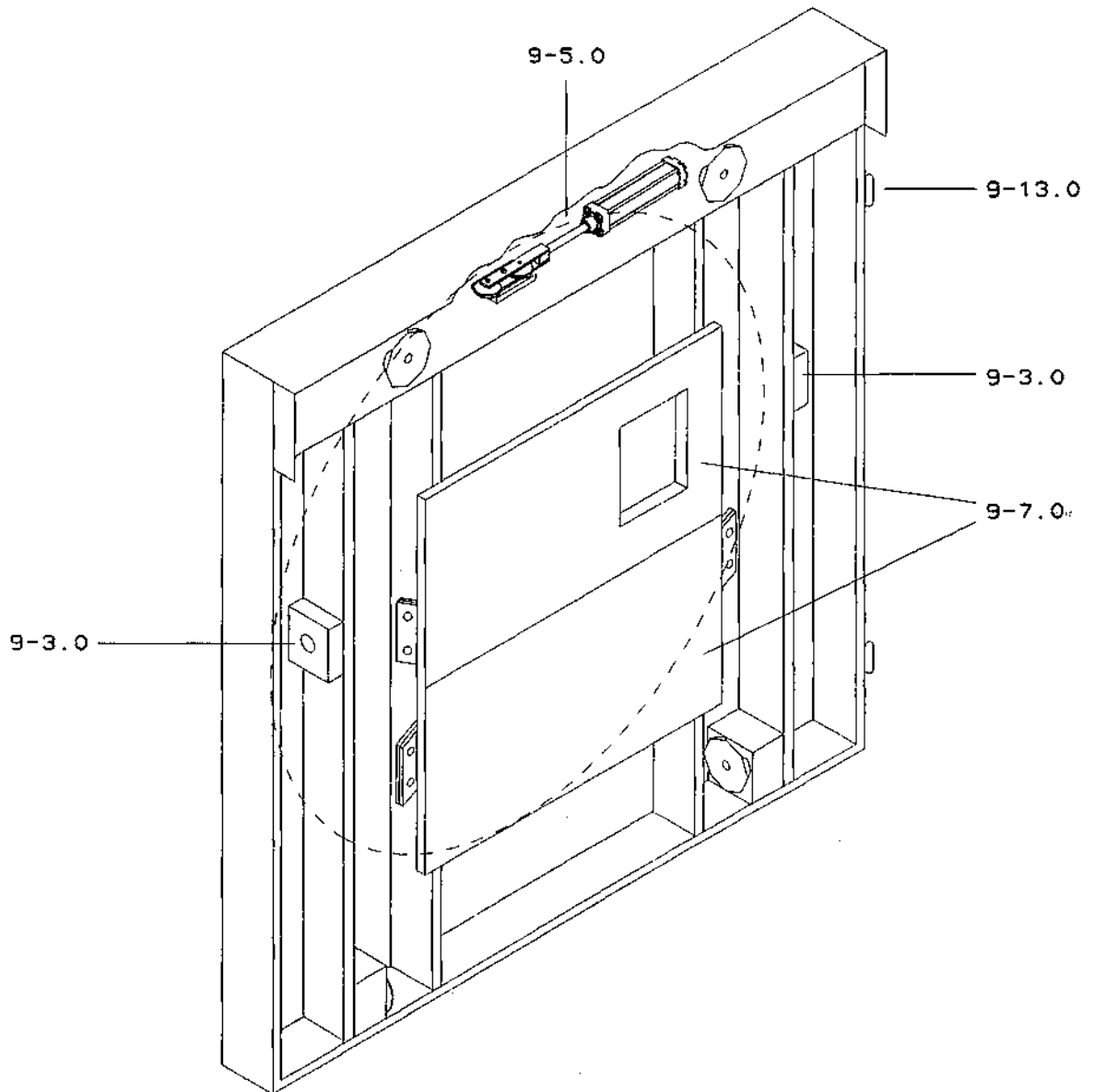
TYPE 733,735,745

FRONT PANEL (OVERVIEW)

Page

2-WAY TILT VERSION

9-6.0

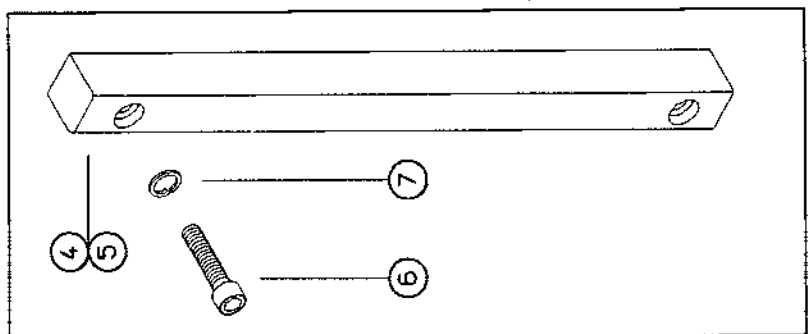
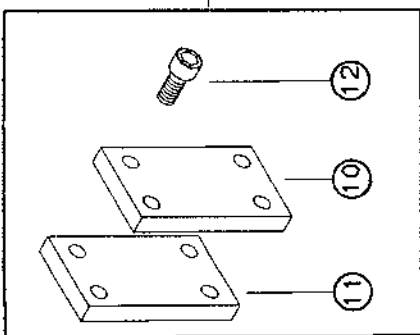
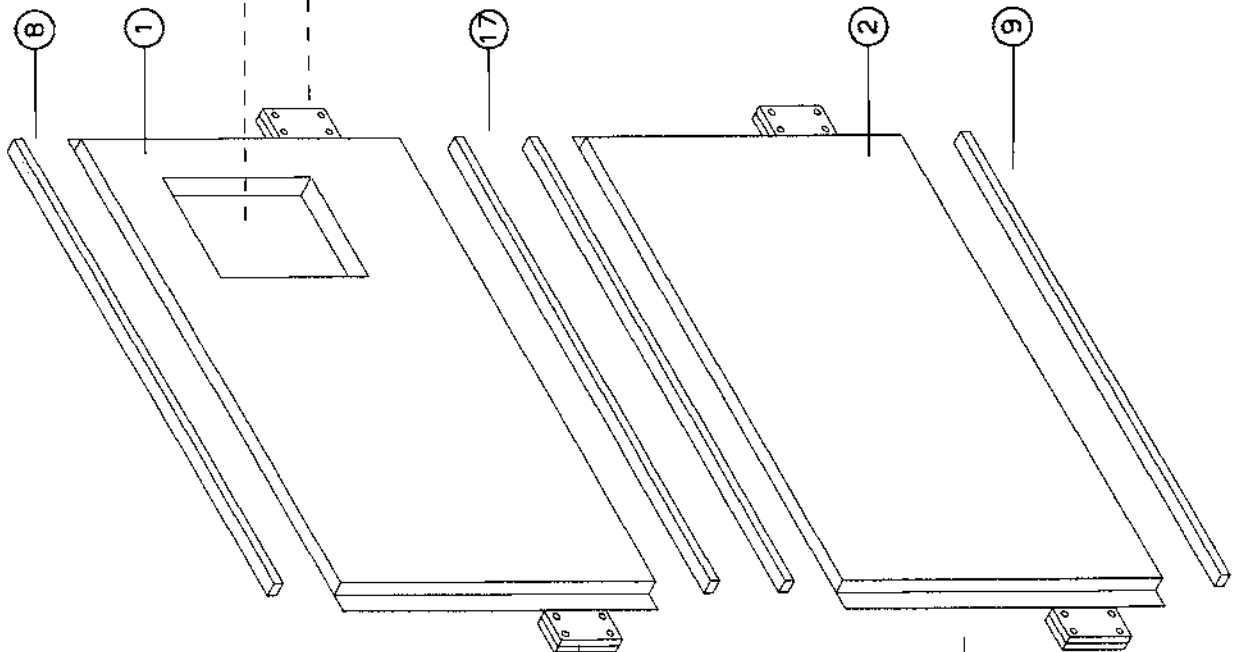
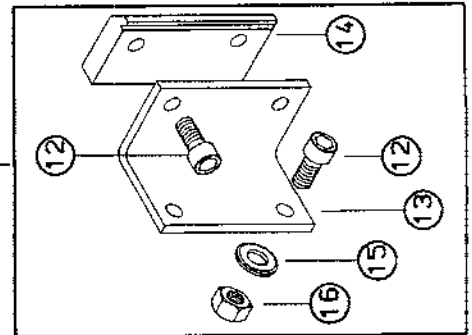
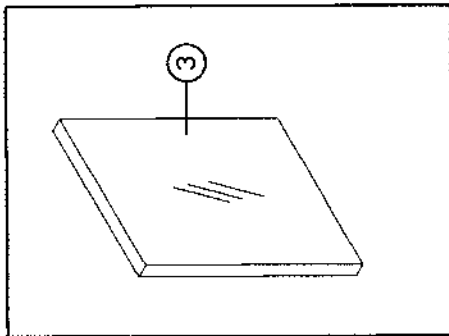


TYPE 733, 735, 745

LOADING DOOR
2-WAY TILT VERSION

Page

9-7.0



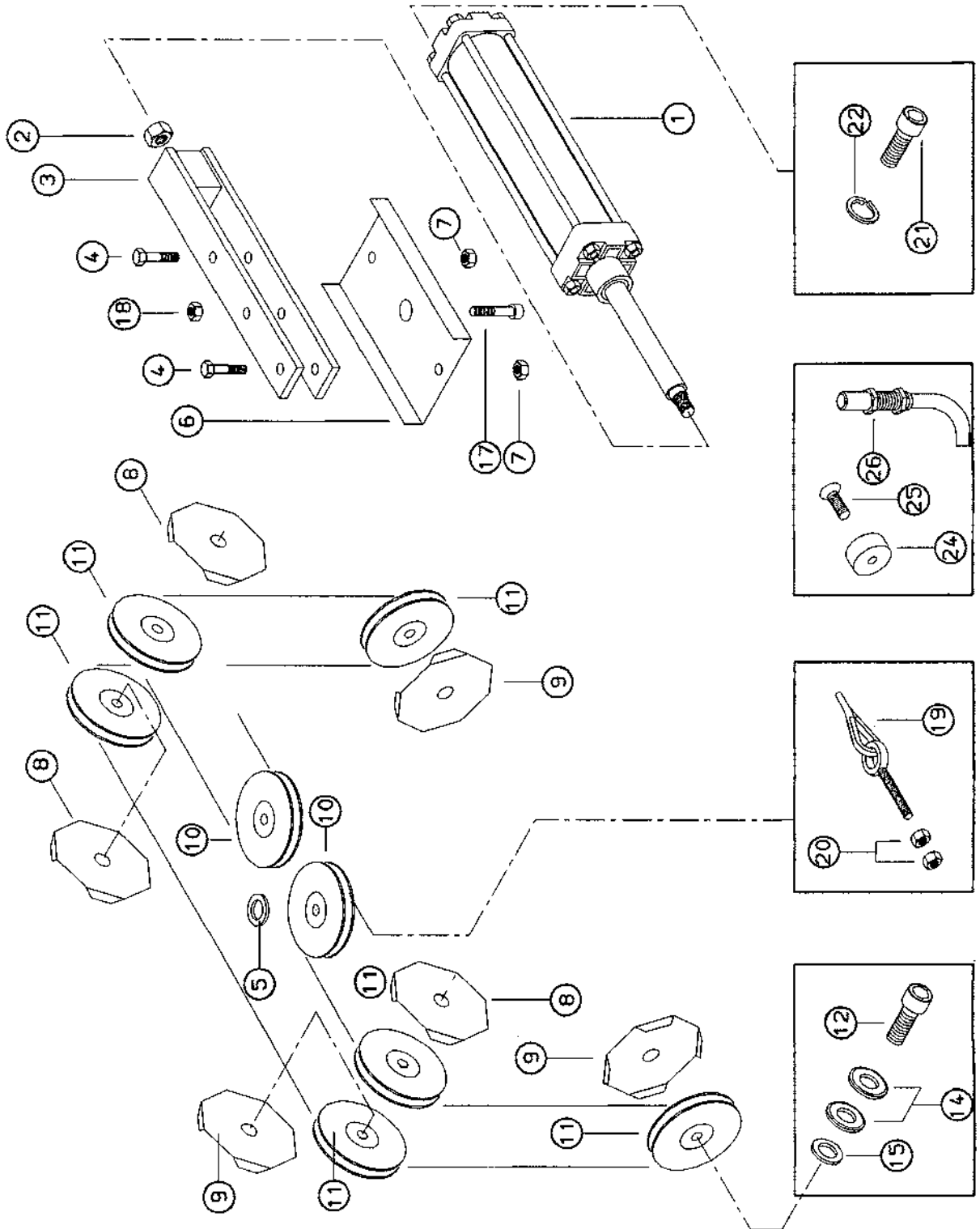
Type 733,735,745		Spare Parts List Loading Door 2-Way Tilt Version			Page 9-7.1
Pos.	Part No.	Part Name	Description	Quant.	
1	223 994-2	Door, Loading - top, Replacem. 239 966-5		1	
	229 966-5	Door, Loading - top		1	
2	223 993-2	Door, Loading - bottom		1	
3	220 130-4	Washer		1	
4	224 023-4	Bracket - top	MS 408 mm	2	
5	224 087-4	Bracket - bottom	MS 653 mm	2	
6	020 566	Screw, Socket Cap	DIN 912 M6x25	8	
7	020 562	Washer, Spring	DIN 7980 6	8	
8	005 734	Moltopren-Insulation - top	25x20x1040	1	
9	005 733	Moltopren-Insulation - bottom	25x15x1040	1	
10	223 971-4	Bracket, Clamping (narrow)		4	
11	223 970-4	Bracket, Clamping (wide)		4	
12	020 006	Screw, Socket Cap	DIN 912 M8x16	16	
13	224 583-3	Bracket, Holder		1	
14	225 114-4	Bracket, Clamping		1	
15	020 712	Washer, Tension	DIN 6796 A8.0	2	
16	020 037	Nut, Hex	DIN 934 M8	2	
17	123 047	Strip, Felt	5x40x1300	1	
18	124 022-3	Cable	(Type 745) 10130 mm	1	

TYPE 733,735,745

CABLE LAYOUT AND CYLINDER
FRONT PANEL
2 - WAY TILT VERSION

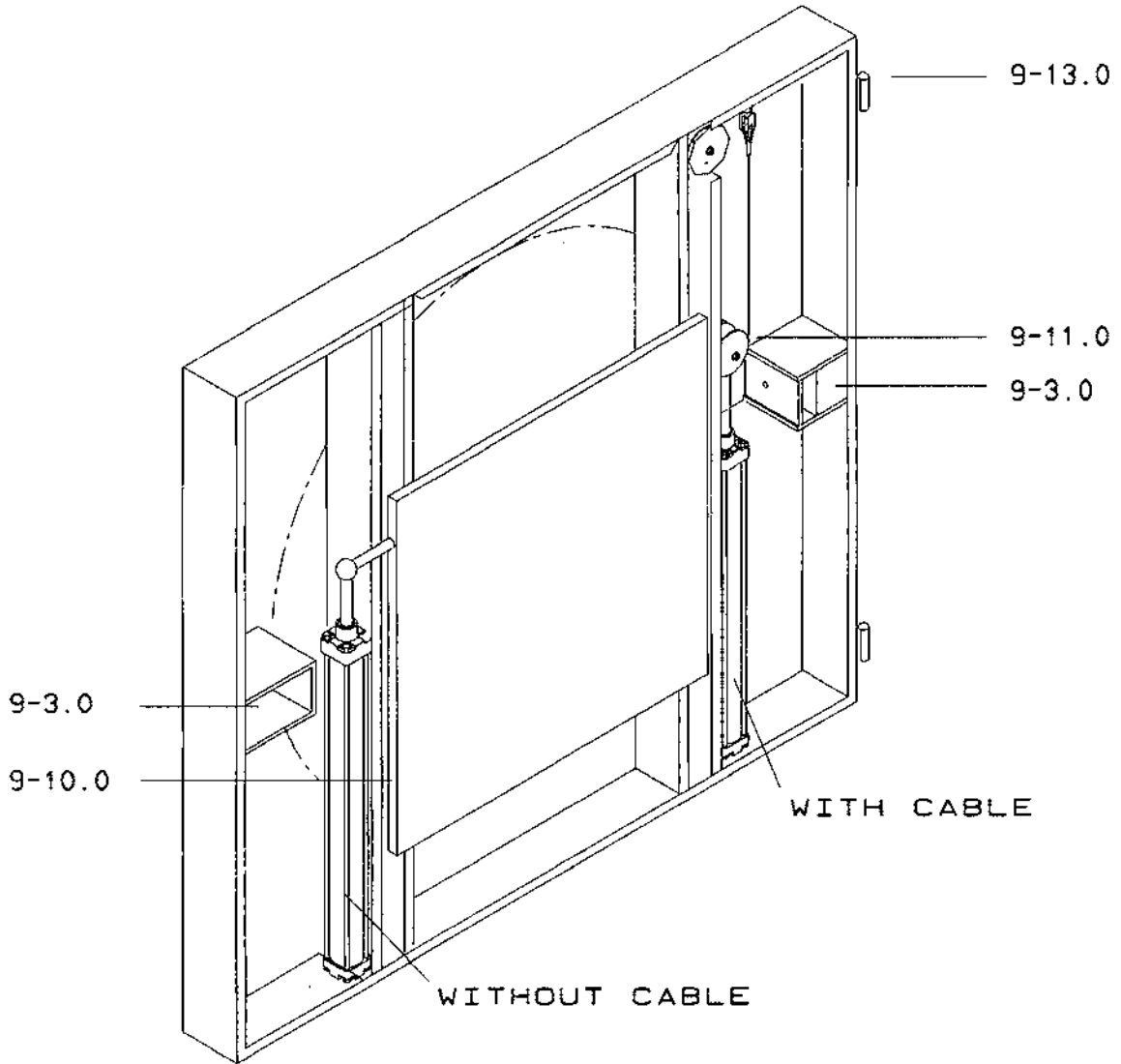
Blatt

9-8.0



Type 733,735,745		Spare Parts List Cable Layout and Cylinder Front Panel 2 - Way Tilt Version		Page 9-8.1
Pos.	Part No.	Part Name	Description	Quant.
1	112 036	Cylinder (Type 733,735)	DN63/Str. 200	1
		Repair Kit for Cylinder 112 036	Indic. serial no.	1
	111 060	Cylinder (Type 745)	DN63/Str. 250	1
		Repair Kit for Cylinder 111 060	Indic. serial no.	1
2	020 040	Nut, Hex	DIN 934 M16	1
3	224 934-3	Bracket, Tension		1
4	020 454	Bolt, Hex	DIN 931 M12x45	2
5	221 867-4	Spacer		4
6	222 003-3	Cover, Pulley		1
7	020 039	Nut, Hex	DIN 934 M12	2
8	223 968-3	Cover, Pulley		3
9	223 969-3	Cover, Pulley		3
10	221 865-4	Pulley (with bearing)	d=100 mm	2
11	223 974-4	Pulley (with bearing)	d= 96 mm	6
12	020 077	Screw, Socket Cap	DIN 912 M10x25	6
13				
14	020 713	Washer, Tension	DIN 6796 10.0	6
15	223 752-4	Ring, Spacer		6

Type 733,735,745		Spare Parts List Cable Layout and Cylinder Front Panel 2 - Way Tilt Version			Page 9-8.2
Pos.	Part No.	Part Name	Description	Quant.	
16					
17	020 076	Screw, Socket Cap	DIN 912 M10x45	1	
18	020 038	Nut, Hex	DIN 934 M12	1	
19	125 171-3	Cable	(Type 733,735) 9970 mm	1	
	124 022-3	Cable	(Type 745) 10130 mm	1	
20	020 036	Nut, Hex	DIN 934 M6	2	
21	020 354	Screw, Socket Cap	DIN 912 M8x16	4	
22	020 058	Washer, Spring	DIN 127 B8	4	
23					
24	135 473	Magnet		2	
25	020 220	Screw, Set	DIN 964 M4x20	2	
26	135 472	Switch, Magnetic		2	

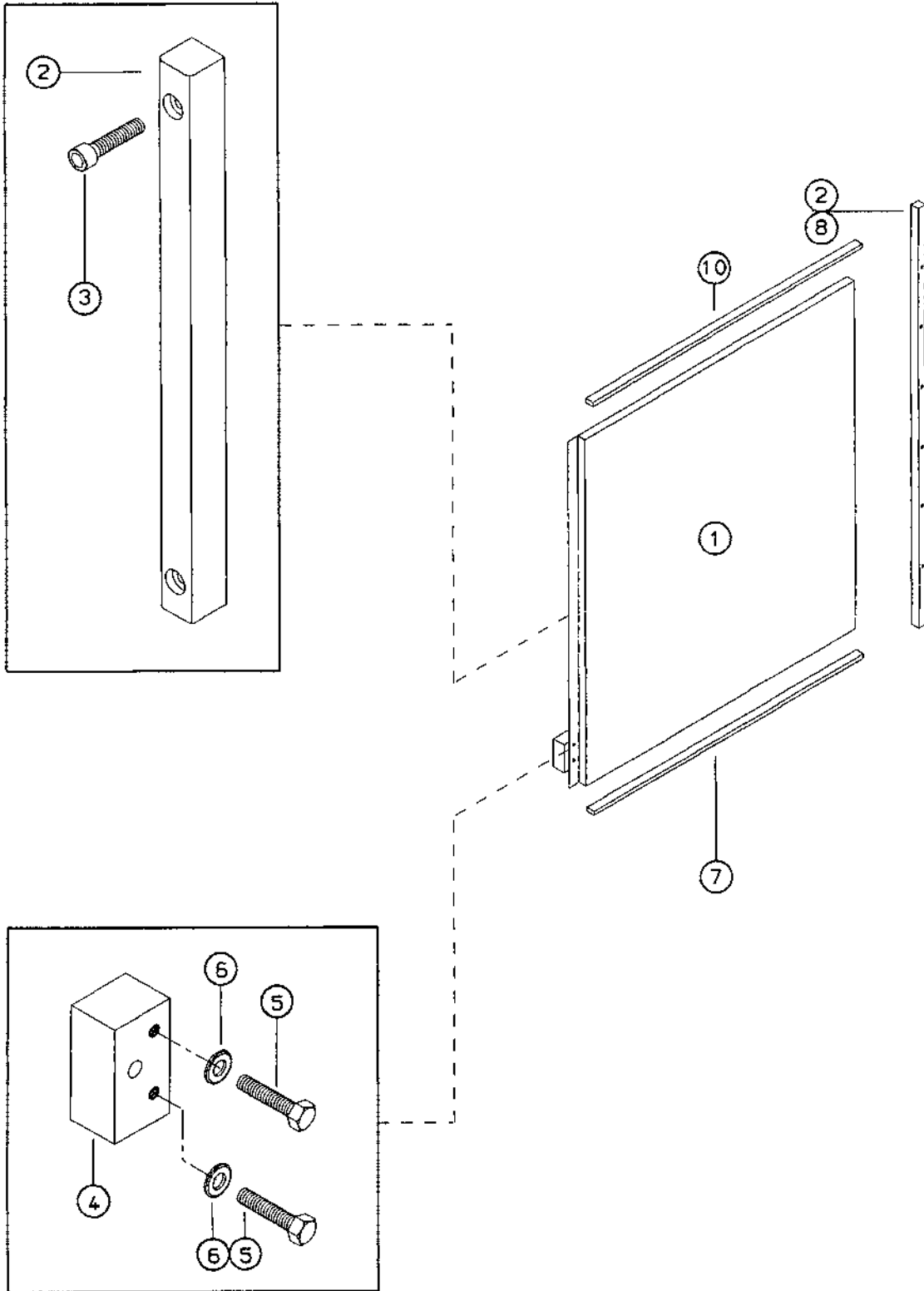


TYPE 733,735,745

UNLOADING DOOR

Page

9-10.0



Type 733,735,745		Spare Parts List Unloading Door		Page 9-10.1
Pos.	Part No.	Part Name	Description	Quant.
1	225 231-2	Door, Unloading	Cylinder version	1
	223 373-2	Door, Unloading	Cable version	1
2	223 204-4	Guide (Type 733,735)	Brass	2
	225 234	Guide (Type 745)	Polyamide	2
3	020 356	Screw, Socket Cap DIN 912	M6x25	4
4	223 221-4	Holder, Cable		2
5	020 014	Bolt, Hex DIN 933	M8x16	4
6	020 712	Washer, Tension DIN 6796	A8.0	4
7	123 004	Strip, Felt (Type 733,735)	5x40x1030	1
	123 047	Strip, Felt (Type 745)	5x40x1300	1
8	020 569	Rivet CS DIN 661	4x16 Alu	14
9	020 285	Rivet Pop	GFB Nr.304734 4x12	10
10	005 706	Moltopren (Type 733, 735)	30x20x2600	1
	123 048	Strip, Felt (Type 745)	30x7x1300	1
	008 002	Adhesive	Zement B	

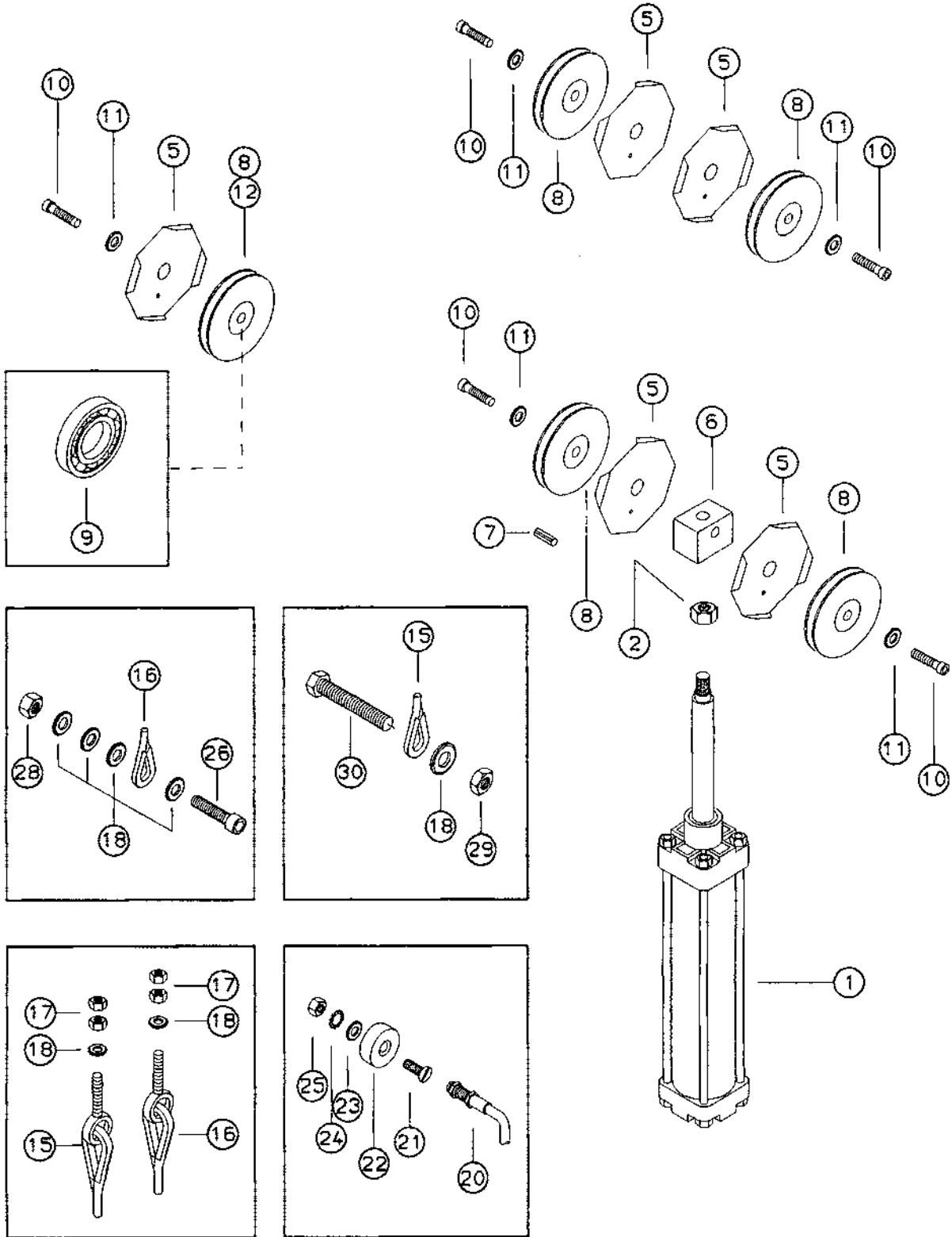
TYPE 733, 735, 745

CABLE LAYOUT AND CYLINDER

Page

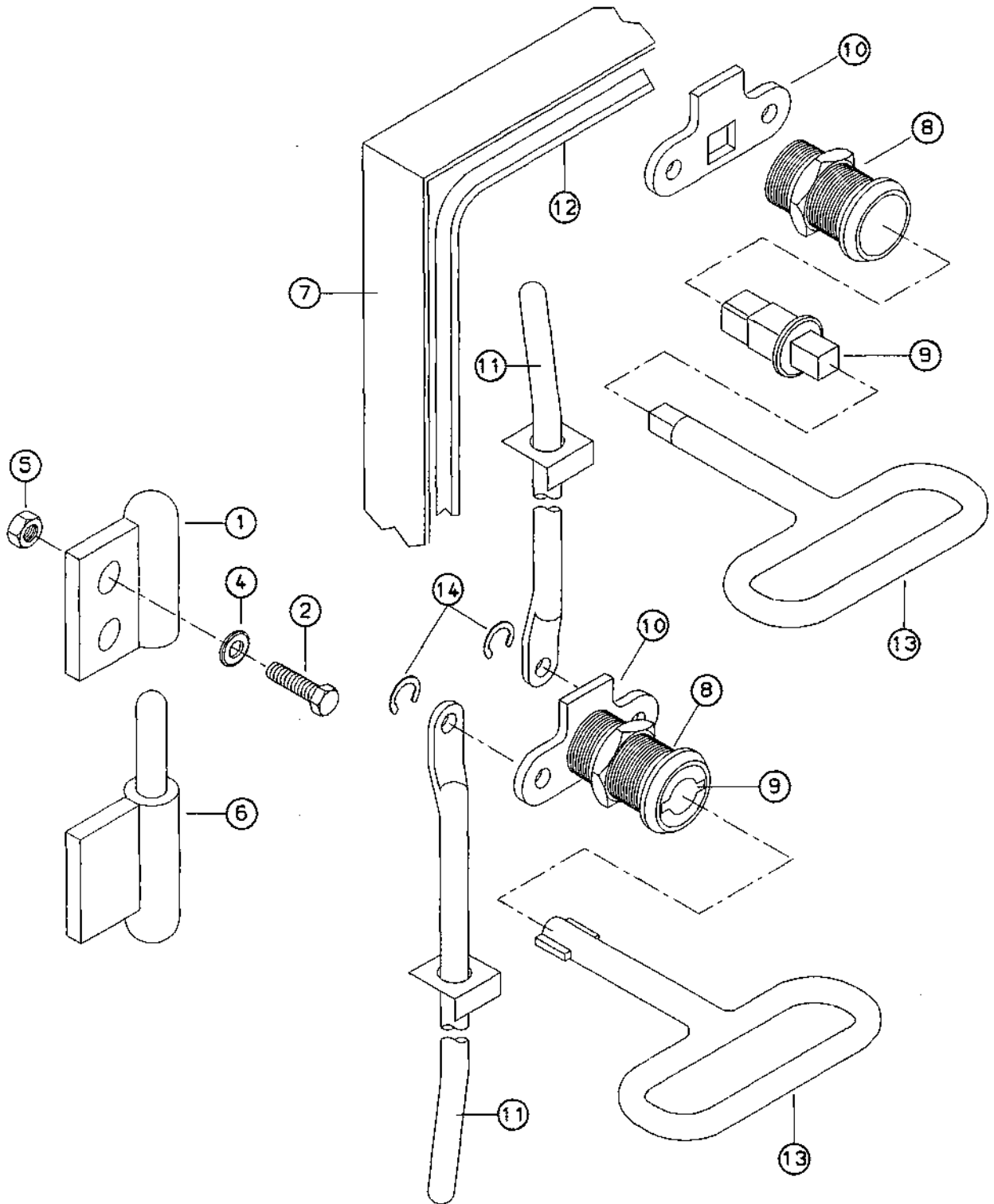
REAR PANEL

9-11.0

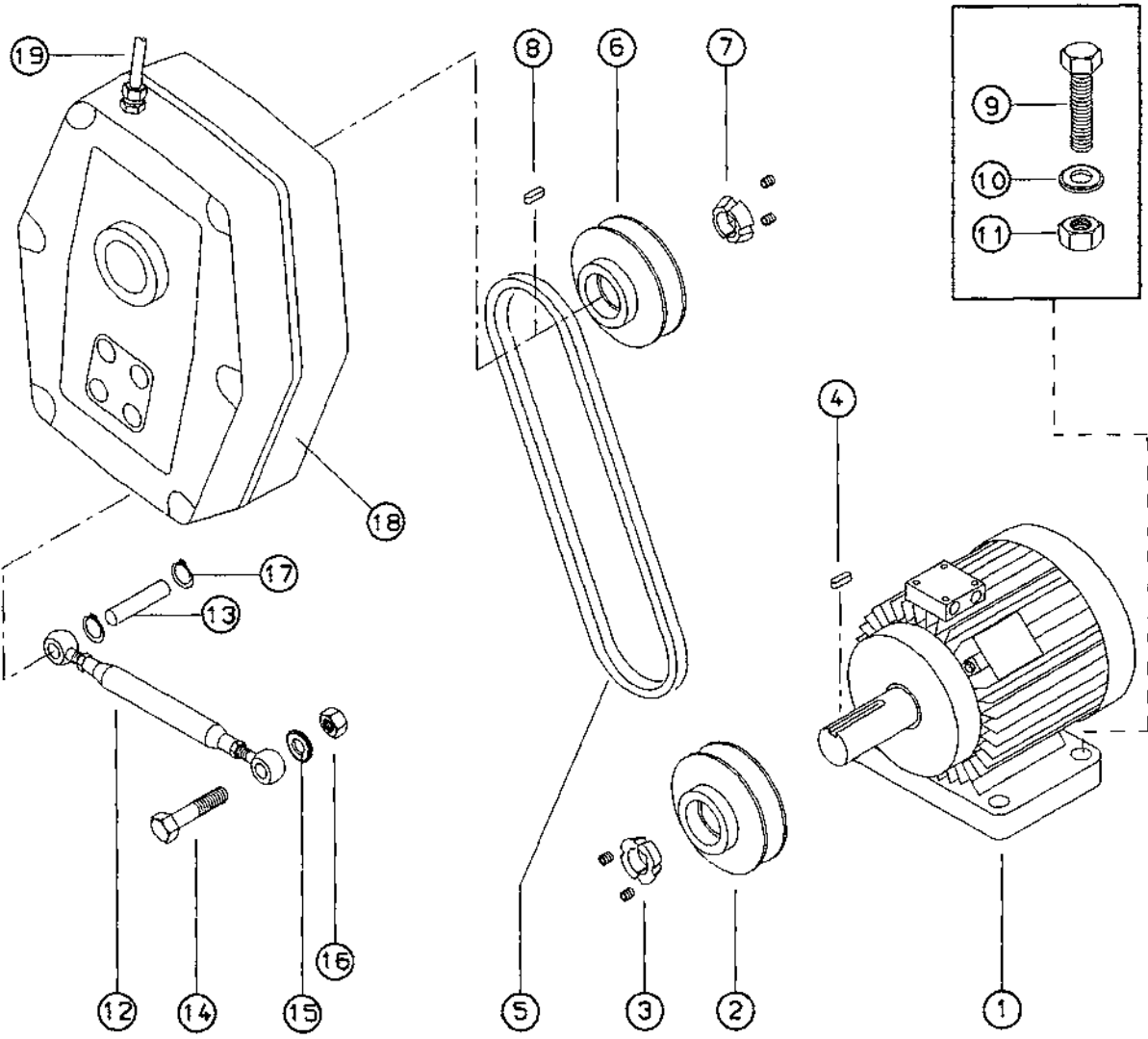


Type 733,735,745		Spare Parts List Cable Layout and Cylinder Rear Panel		Page 9-11.1
Pos.	Part No.	Part Name	Description	Quant.
1	111 059	Cylinder, Lift (with Brackets) for Cable	DN63/Str. 500	1
		Repair Kit for Cylinder 111 059	Indic. serial no.	1
	111 600	Cylinder, Lift (Type 745)	DN40/Str. 1000	2
		Repair Kit for Cylinder 111 600	Indic. serial no.	2
2	020 040	Nut, Hex DIN 934	M16	1
3				
4				
5	220 488-4	Bracket, Cable		5
6	220 102-4	Bracket, Holder		1
7	020 205	Pin, Roll DIN 7343	3x8	4
8	220 110-4 226 281-4	Pulley (with bearing), Replacem. 226 281-4	d = 75 mm	5
		Pulley (with bearing)		5
9	100 043 100 112	Bearing, Ball for 220 110-4	6000 2 RS	5
		Bearing, Ball for 226 281-4	6200 2 RS	5
10	020 077 020 449	Screw, Socket Cap for 220 110-4 DIN 912	M10x25	5
		Screw, Socket Cap for 226 281-4 DIN 7984	M10x25	5
11	020 713	Washer, Tension DIN 6796	10.0	5
12	220 111-4 230 116-4	Pulley (w.o. bearing), Replacem. 230 116-4	d = 75 mm	5
		Pulley (w.o. bearing)	d = 75 mm	5

Type 733,735,745		Spare Parts List Cable Layout and Cylinder Rear Panel			Page 9-11.2
Pos.	Part No.	Part Name	Description	Quant.	
14					
15	120 144-3	Cable compl. (Type 733,735)	2655 mm	1	
	120 544-3	Cable compl. (Type 745)	3385 mm	1	
16	120 145-3	Cable compl. (Type 733,735)	1510 mm	1	
	120 545-3	Cable compl. (Type 745)	2250 mm	1	
17	020 037	Nut, Hex DIN 934	M8	4	
18	020 712	Washer, Tension DIN 6796	A8.0	12	
19					
20	135 472	Switch, Magnetic		1	
21	020 220	Screw, CS DIN 964	M4x20	1	
22	135 473	Magnet		1	
23	020 049	Washer DIN 125	4.3	1	
24	020 060	Washer, Tooth DIN 6797	A 4.3	1	
25	020 034	Nut, Hex DIN 934	M4	1	
26	020 008	Screw, Socket Cap DIN 912	M8x25	1	
27					
28	020 037	Nut, Hex DIN 934	M8	1	
29	020 193	Nut, Hex DIN 439	M8	4	
30	020 378	Bolt, Hex DIN 933	M8x60	2	



Type 733,735,745		Spare Parts List Hinge Assembly and Side Door			Page 9-13.1
Pos.	Part No.	Part Name	Description	Quant.	
1	220 628-4	Hinge, Front Panel		2	
	223 830-4	Hinge, Rear Panel		2	
2	020 017	Bolt, Hex	DIN 933 M8x25	4	
3					
4	020 712	Washer, Tension	DIN 6796 A8.0	4	
5	020 037	Nut, Hex	DIN 934 M8	4	
6	220 332-4	Hinge		4	
7		Door, Side	Please indicate exact location		
8	121 061	Housing, Latch		1	
9	121 059	Insert		1	
	121 138	Insert, Square	7 mm	1	
10	121 005	Bracket, Locking Bar		1	
11	121 067-4	Bar, Locking		2	
12	005 703	Seal			
13	121 062	Key			
	121 139	Key, Square	7 mm		
14	025 028	Clip, Safety	DIN 6799		



Type 733,735,745		Spare Parts List Drum Drive Assembly		Page 9-14.1
Pos.	Part No.	Part Name	Description	Quant.
1		Motor Indicate voltage, frequency and kW		1
2		Motor-Pulley 50Hz Type 733,735		
	103 034	for Renolds Gearbox	DW 106	1
	103 219	for Fenner Gearbox	DW 100	1
	103 219	for Stiebel Gearbox, Replacem. 103 041	DW 100	1
	103 041	for Stiebel Gearbox from 733 0505 and from 735 0645	DW 85	1
		Motor-Pulley 60Hz Type 733,735		
	103 041	for Renolds Gearbox	DW 85	1
	103 041	for Fenner Gearbox	DW 85	1
	103 041	for Stiebel Gearbox	DW 85	1
		Type 733 until Serial Nr. 7330513	DW 85	1
		Type 735 until Serial Nr. 7350651		
	103 461	Type 733 from Serial Nr. 7330514	DW 75	1
		Type 735 from Serial Nr. 7350652		
		Motor-Pulley 50Hz Type 745		
	103 032	for Renolds Gearbox	DW 150	1
	103 040	for Fenner Gearbox	DW 118	1
	103 040	for Stiebel Gearbox	DW 118	1
		Motor-Pulley 60Hz Type 745		
	103 040	for Renolds Gearbox	DW 118	1
	103 218	for Fenner Gearbox	DW 95	1
	103 218	for Stiebel Gearbox	DW 95	1

Type 733,735,745		Spare Parts List Drum Drive Assembly		Page 9-14.2
Pos.	Part No.	Part Name	Description	Quant.
3		Taper Lock, Motor 50Hz Type 733,735		
	103 035	for Renolds Gearbox	1610/24	1
	103 088	for Fenner Gearbox	1210/24	1
	103 088	for Stiebel Gearbox	1210/24	1
		Taper Lock, Motor 60Hz Type 733,735		
	103 088	for Renolds Gearbox	1210/24	1
	103 088	for Fenner Gearbox	1210/24	1
	103 088	for Stiebel Gearbox	1210/24	1
		Taper Lock, Motor 50Hz Type 745		
	103 035	for Renolds Gearbox	1610/24	1
	103 035	for Fenner Gearbox	1610/24	1
	103 035	for Stiebel Gearbox	1610/24	1
		Taper Lock, Motor 60Hz Type 745		
103 035	for Renolds Gearbox	1610/24	1	
103 088	for Fenner Gearbox	1210/24	1	
103 088	for Stiebel Gearbox	1210/24	1	
4		Key	8x7x32	1
5		V-Belt, 50Hz Type 733,735		
	103 038	for Renolds Gearbox	SPZ 10x8x630	1
	103 115	for Fenner Gearbox	SPZ 10x8x710	1
	103 297	for Stiebel Gearbox	SPZ LW 762	1
	103 438	for Stiebel Gearbox	SPZ LW 750	1
		Type 733 until Serial Nr. 7330680 Type 735 until Serial Nr. 7350800		
		Type 733 from Serial Nr. 7330681 Type 735 from Serial Nr. 7350801		

Type		Spare Parts List			Page
733,735,745		Drum Drive Assembly			9-14.3
Pos.	Part No.	Part Name	Description	Quant.	
6		V-Belt, 60Hz Type 733,735			
	103 087	for Renolds Gearbox	SPZ 10x8x587	1	
	103 115	for Fenner Gearbox, Replacem. 103 221	SPZ 10x8x687	1	
	103 221	For Fenner Gearbox			
	103 297	for Stiebel Gearbox			
		Type 733 until Serial No. 7330513	SPZ LW 762	1	
		Type 735 until Serial No. 7350651			
	103 115	Type 733 from Serial No. 7330514	SPZ LN 710	1	
		Type 735 from Serial No. 7350652			
		V-Belt, 50Hz Type 745			
	103 039	for Renolds Gearbox	SPZ 10x8x837	1	
	103 231	for Fenner Gearbox	SPZ 10x8x850	1	
	103 231	for Stiebel Gearbox	SPZ 10x8x850	1	
		V-Belt, 60Hz Type 745			
	103 086	for Renolds Gearbox	SPZ 10x8x800	1	
	103 086	for Fenner Gearbox	SPZ 10x8x800	1	
	103 086	for Stiebel Gearbox	SPZ 10x8x800	1	
		Pulley, 50Hz Type 733,735			
	103 033	for Renolds Gearbox	DW 112	1	
	103 034	for Fenner Gearbox	DW 106	1	
103 034	for Stiebel Gearbox	DW 106	1		
	Pulley, 60Hz Type 733,735				
103 033	for Renolds Gearbox	DW 112	1		
103 034	for Fenner Gearbox	DW 106	1		
103 034	for Stiebel Gearbox	DW 106	1		

Type 733,735,745		Spare Parts List Drum Drive Assembly		Page 9-14.4
Pos.	Part No.	Part Name	Description	Quant.
7		Pulley, 50Hz Type 745		
	103 032	for Renolds Gearbox	DW 150	1
	103 220	for Fenner Gearbox	DW 125	1
	103 220	for Stiebel Gearbox	DW 125	1
		Pulley, 60Hz Type 745		
	103 032	for Renolds Gearbox	DW 150	1
	103 220	for Fenner Gearbox	DW 125	1
	103 220	for Stiebel Gearbox	DW 125	1
		Taper Lock, 50Hz Type 733,735		
	103 037	for Renolds Gearbox	1610/16	1
	103 036	for Fenner Gearbox	1610/19	1
	103 083	for Stiebel Gearbox	1610/22	1
		Taper Lock, 60Hz Type 733,735		
	103 037	for Renolds Gearbox	1610/16	1
	103 036	for Fenner Gearbox	1610/19	1
	103 083	for Stiebel Gearbox	1610/22	1
		Taper Lock, 50Hz Type 745		
	103 036	for Renolds Gearbox	1610/19	1
103 083	for Fenner Gearbox	1610/22	1	
103 083	for Stiebel Gearbox	1610/22	1	

Type 733,735,745		Spare Parts List Drum Drive Assembly		Page 9-14.5
Pos.	Part No.	Part Name	Description	Quant.
		Taper Lock, 60Hz Type 745		
	103 036	for Renolds Gearbox	1610/19	1
	103 083	for Fenner Gearbox	1610/22	1
	103 083	for Stiebel Gearbox	1610/22	1
8		Key	6x6x36	1
9	020 016	Bolt, Hex	DIN 933 M8x35	4
10	020 712	Washer, Tension	DIN 6796 8.0	4
11	020 037	Nut, Hex	DIN 934 M8	4
12	220 480-3	Bar, Torque for Renolds Gearbox	Type 733,735	1
	225 634-3	Bar, Torque for Fenner Gearbox	Type 733,735	1
	236 835-3	Bar, Torque for Stiebel Gearbox	Type 733,735	1
	220 682-3	Bar, Torque for Renolds Gearbox	Type 745	1
	225 636-3	Bar, Torque for Fenner Gearbox	Type 745	1
	236 835-3	Bar, Torque for Stiebel Gearbox	Type 745	1
13	236 858-4	Bolt for Stiebel Gearbox		1
14	020 329	Bolt, Precision	DIN 610 M12x45	1
15	020 134	Washer, Tension	DIN 6796 13	1
16	020 254	Nut, Hex selflock	DIN 985 M12	1
17	025 062	Circlip	A16x1	2

Type 733,735,745		Spare Parts List Drum Drive Assembly		Page 9-14.6
Pos.	Part No.	Part Name	Description	Quant.
18		Gearbox	Type 733,735	
	103 085	Gearbox Renolds	SMH 1D	1
	103 216	Gearbox Fenner	B13-40	1
	103 390	Gearbox Stiebel	D=40F7	1
		Gearbox Modif. Kit, 50 Hz	Type 733,735	
	925 671-5	from Renolds to Fenner Gearbox		1
	237 794-2	from Renolds to Stiebel Gearbox		1
	236 896-2	from Fenner to Stiebel Gearbox		1
		Gearbox Modif. Kit, 60 Hz	Type 733,735	
	925 670-5	from Renolds to Fenner Gearbox		1
	237 912-2	from Renolds to Stiebel Gearbox		1
	236 896-2	from Fenner to Stiebel Gearbox		1
		Gearbox	Type 745	
	103 084	Gearbox Renolds	SMH 20	1
	103 217	Gearbox Fenner	C13-45	1
	103 391	Gearbox Stiebel	l=14.02	1
		Gearbox Modif. Kit, 50 Hz	Type 745	
	237 795-2	from Renolds to Stiebel Gearbox		1
236 953-2	from Fenner to Stiebel Gearbox		1	

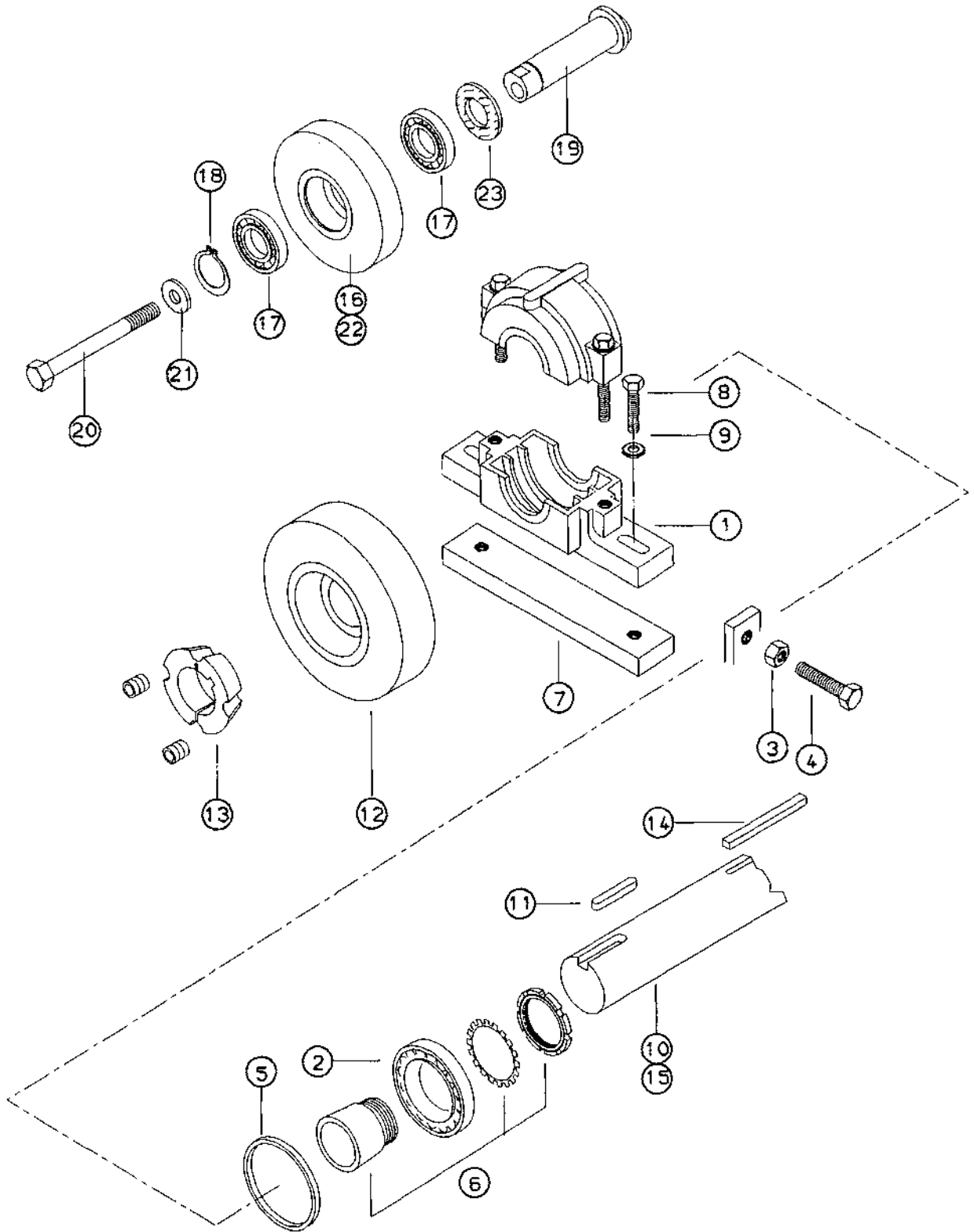
Type		Spare Parts List		Page
733,735,745		Drum Drive Assembly		9-14.7
Pos.	Part No.	Part Name	Description	Quant.
19		Gearbox Modif. Kit, 60 Hz	Type 745	
	237 913-2	from Renolds to Stiebel Gearbox		1
	236 953-2	from Fenner to Stiebel Gearbox		1
	111 608	Breather for Renolds Gearbox		1
	103 454	Breather for Stiebel Gearbox		1
			Oil Quantity Gearbox	0,40 Ltr Type 733,735
		Oil Quantity Gearbox	0,45 Ltr Type 745	

TYPE 733, 735, 745

DRUM SUSPENSION

Page

9-15.0



Type 733,735,745		Spare Parts List Drum Suspension			Page 9-15.1
Pos.	Part No.	Part Name	Description	Quant.	
1	100 022	Housing, Pillow Block (Type 733,735)	SN 509	2	
	100 018	Housing, Pillow Block (Type 745)	SN 510	2	
2	100 023	Bearing, Roller (Type 733,735)	22209K	2	
	100 019	Bearing, Roller (Type 745)	22210K	2	
3	020 038	Nut, Hex DIN 934	M10	6	
4	020 439	Bolt, Hex DIN 933	M10x90	2	
5	100 025	Spacer (Type 733,735)	FR 85/8	1	
	100 021	Spacer (Type 745)	FR 90/9	1	
6	100 024	Sleeve (Type 733,735)	H 309	2	
	100 020	Sleeve (Type 745)	H 310	2	
7	224 550-4	Bracket	40x12x200	2	
8	020 024	Bolt, Hex DIN 931	M12x60	4	
9	020 134	Washer, Tension DIN 6796	13	4	
	914 047-5	Block, Pillow compl. (Type 733,735)		2	
	914 048-5	Block, Pillow compl. (Type 745)		2	
10	220 402-3	Shaft, Drive (Type 733)	40x950	1	
	220 366-3	Shaft, Drive (Type 735)	40x1450	1	
	220 422-3	Shaft, Drive (Type 745)	45x1450	1	
11	103 014	Key (Type 733,735)	8x12x60	2	
	103 017	Key (Type 745)	9x14x60	2	

Type 733,735,745		Spare Parts List Drum Suspension			Page 9-15.2
Pos.	Part No.	Part Name	Description	Quant.	
12	220 424-3	Wheel, Friction (Type 733,735)	230x75x120	2	
	220 423-3	Wheel, Friction (Type 745)	230x75x140	2	
13	103 105	Taper Lock (Type 733,735)	2517/40	2	
	103 106	Taper Lock (Type 745)	2517/45	2	
14	103 015	Key (Type 733,735)	8x12x150	1	
	103 027	Key (Type 745)	9x14x170	1	
15	220 401-2	Gearbox/Shaft compl., Replace. 236 863-2	Type 733 Renold	1	
	236 863-2	Gearbox/Shaft compl.	Type 733 Stiebel	1	
	225 645-2	Gearbox/Shaft compl., Replace. 236 863-2	Type 733 Fenner	1	
	236 863-2	Gearbox/Shaft compl.	Type 733 Stiebel	1	
	220 377-2	Gearbox/Shaft compl., Replace. 236 836-2	Type 735 Renold	1	
	236 836-2	Gearbox/Shaft compl.	Type 735 Stiebel	1	
	225 638-2	Gearbox/Shaft compl., Replace. 236 836-2	Type 735 Fenner	1	
	236 836-2	Gearbox/Shaft compl.	Type 735 Stiebel	1	

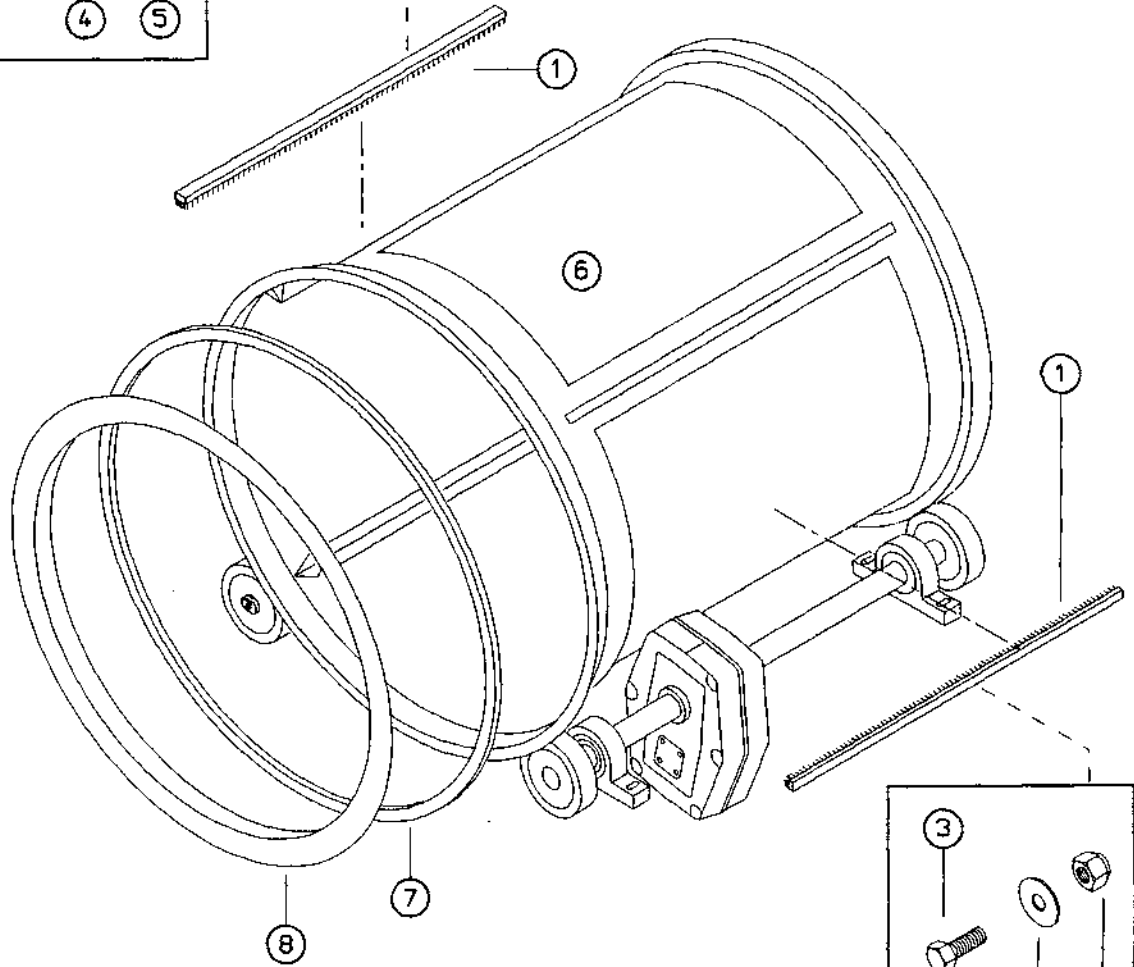
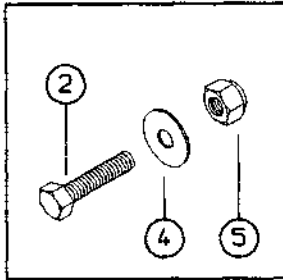
Type 733,735,745		Spare Parts List Drum Suspension			Page 9-15.3
Pos.	Part No.	Part Name	Description	Quant.	
	220 421-2	Gearbox/Shaft compl., Replace. 236 861-2	Type 745 Renold	1	
	236 861-2	Gearbox/Shaft compl.		1	
	225 650-2	Gearbox/Shaft compl., Replace. 236 861-2	Type 745 Fenner	1	
	236 861-2	Gearbox/Shaft compl.	Type 745 Stiebel	1	
16	220 369-3	Wheel, Friction w. Hub (Type 733,735)	230-120-75	2	
	220 428-3	Wheel, Friction w. Hub (Type 745)	250-140-75	2	
17	100 016	Bearing, Ball	6206 Z	4	
18	025 003	Circlip DIN 471	30 od	2	
19	220 368-3	Bolt, Eccentric		2	
20	020 085	Bolt, Hex DIN 931	M16x120	2	
21	020 463	Washer, Tension DIN 6796	16	2	
22	220 367-3	Wheel, Friction compl. (Type 733,735)	d=227 mm	2	
	220 427-3	Wheel, Friction compl. (Type 745)	d=247 mm	2	
23	228 655-4	Ring, Felt		2	

TYPE 733, 735, 745

DRUM AND SEALS

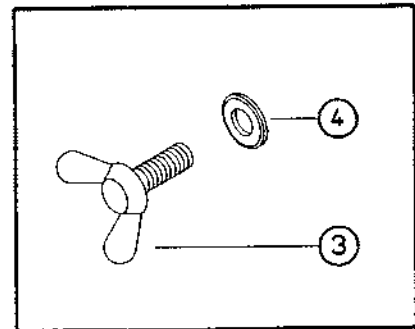
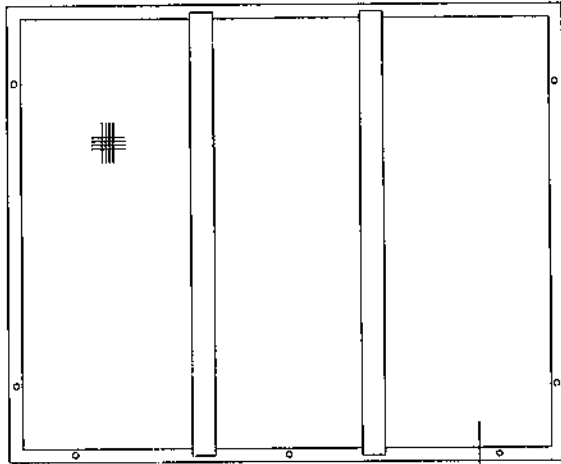
Page

9-16.0



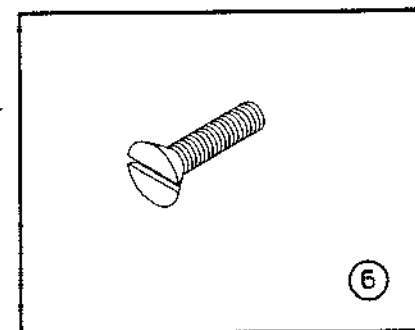
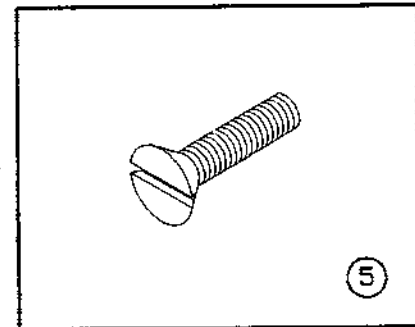
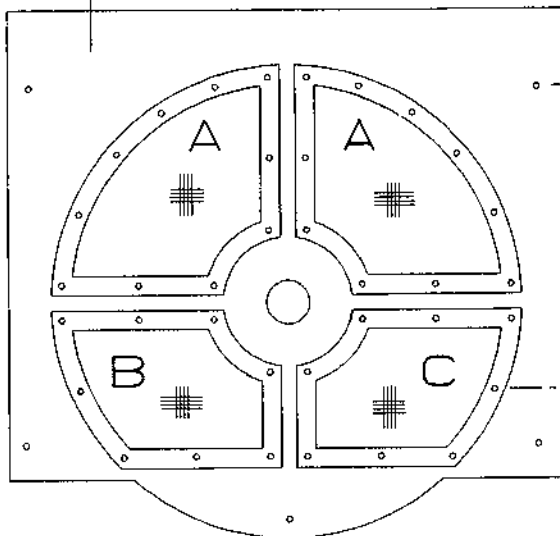
Type 733,735,745		Spare Parts List Drum and Seals			Page 9-16.1
Pos.	Part No.	Part Name	Description	Quant.	
1	125 001-3	Seal, Brush Steam Heating (Type 733)	770 long	2	
	125 002-3	Seal, Brush Steam Heating (Type 735,745)	1270 long	2	
	125 001-3	Seal, Brush Gas Heating (Type 733)	770 long	1	
	125 002-3	Seal, Brush Gas Heating (Type 735,745)	1270 long	1	
2	020 120	Bolt, Hex DIN 933	M4x20	6	
3	020 158	Bolt, Hex DIN 933	M4x12	6	
4	020 195	Washer Steam Heating DIN 9021	4.3	24	
	020 195	Washer Gas Heating DIN 9021	4.3	12	
5	020 121	Nut, Hex selflock. Steam Heating DIN 985	M4	12	
	020 121	Nut, Hex selflock. Gas Heating DIN 985	M4	6	
6	225 112-2	Drum (Type 733)	Steam		
	225 699-5	Drum Teflon (Type 733)	Steam		
	225 178-2	Drum (Type 733)	Gas		
	225 700-5	Drum Teflon (Type 733)	Gas		
	225 113-2	Drum (Type 735)	Steam		
	225 076-5	Drum Teflon (Type 735)	Steam		
	225 200-2	Drum (Type 735)	Gas		
	225 236-5	Drum Teflon (Type 735)	Gas		

Type 733,735,745		Spare Parts List Drum and Seals		Page 9-16.2
Pos.	Part No.	Part Name	Description	Quant.
	220 411-2	Drum (Type 745)	Steam	
	225 051-5	Drum Teflon (Type 745)	Steam	
	223 260-2	Drum (Type 745)	Gas	
	224 739-5	Drum Teflon (Type 745)	Gas	
7	123 002	Seal, Felt (Type 733,735)	8x20x4000 white	2
	123 005	Seal, Felt (Type 745)	8x20x4470 white	2
	008 002	Adhesive	Zement B	
8	239 955-4	Segment, Teflon Ring Replacement 240 796-5 (Type 733,735)		1
	240 796-5	Segment, Teflon Ring		1
	239 956-4	Segment, Teflon Ring Replacement 240 222-3 (Type 745)		1
	240 222-3	Segment, Teflon Ring		1



2

1

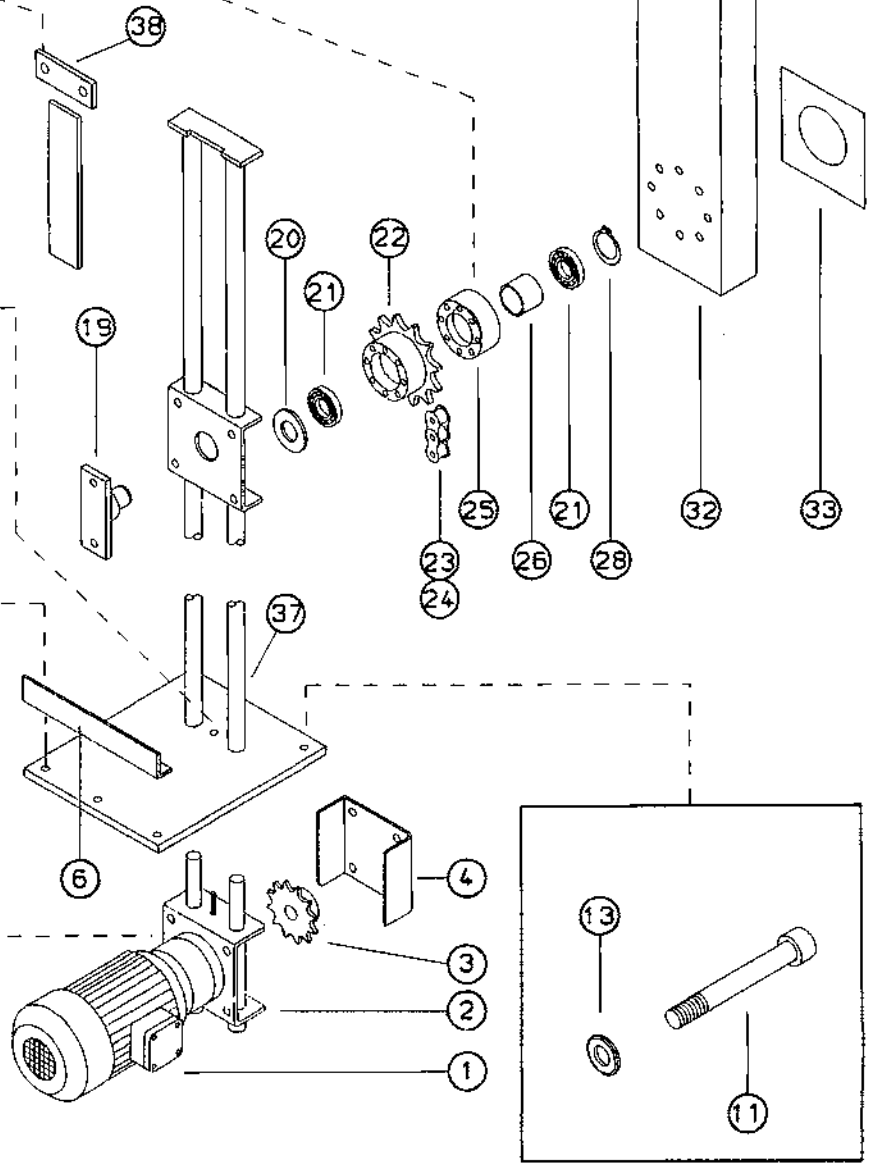
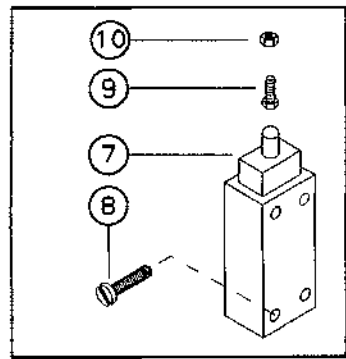
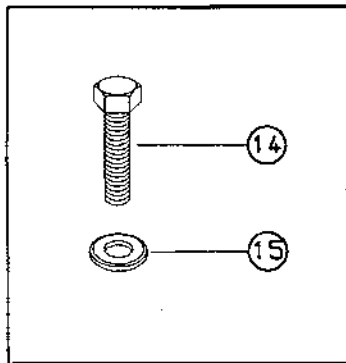
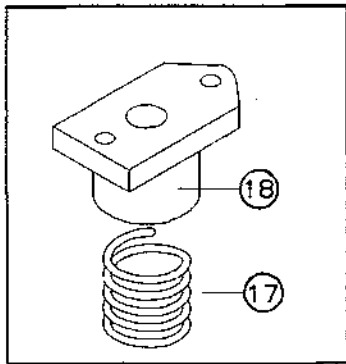
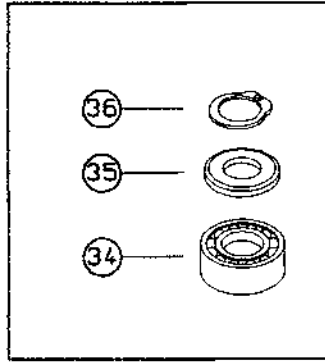
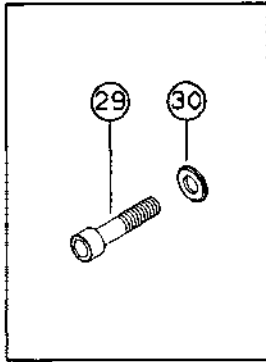
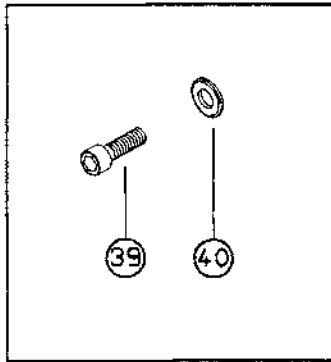


AUTOMATIC
LINT SUCTION

Note:

While ordering
segments:
indicate serial-no, type
and letter.

Type 733,735,745		Spare Parts List Lint Screens			Page 9-17.1
Pos.	Part No.	Part Name		Description	Quant.
1	224 994-2	Screen, Lint	coarse (Type 733)	940x1000 mm	
	220 293-2	Screen, Lint	fine (Type 733)	940x1000 mm	
	228 839-2	Screen, Lint	coarse (Type 735)	1000x1440 mm	
	220 295-2	Screen, Lint	fine (Type 735)	1000x1440 mm	
	226 274-2	Screen, Lint	coarse (Type 745)	1180x1440 mm	
	220 284-2	Screen, Lint	fine (Type 745)	1180x1440 mm	
2		Screen, Lint for autom. Lint Suction (Type 733,735,745)		Indic. serial no.	
3	020 119	Screw, Wing Replace.	020 212 DIN 316	M6	
	020 212	Screw, Wing		M6x20	
4	020 523	Washer, Tension	DIN 6796	6.0	
5	020 214	Screw, CS	DIN 963	M6x16	
6	020 478	Screw, CS	DIN 963	M4x8	



Type		Spare Parts List			Page
733,735,745		Lint Screen Drive			9-18.1
Pos.	Part No.	Part Name	Description	Quant.	
1		Gear Motor, Cyclo Indicate Voltage, Frequency and kW		1	
2	222 332-4	Bracket, Gear Motor		1	
3	221 934-4	Sprocket		1	
4	223 303-3	Cover		1	
5					
6	223 276-4	Seal		1	
7	135 467	Switch, Limit	XCK J161	1	
8	020 100	Screw, Cheese Head	DIN 84 M5x40	4	
9	020 079	Bolt, Hex	DIN 933 M6x20	1	
10	020 036	Nut, Hex	DIN 934 M6	1	
11	020 408	Screw, Socket Cap	DIN 912 M6x75	4	
12				4	
13	020 523	Washer, Tension	DIN 6796 6.0	5	
14	020 015	Bolt, Hex	DIN 933 M8x20	5	
15	020 712	Washer, Tension	DIN 6796 8.0	5	
16					
17	027 017	Spring	28.8x0.6	1	
18	222 434-4	Pin, Roll		1	

Type 733,735,745		Spare Parts List Lint Screen Drive			Page 9-18.2
Pos.	Part No.	Part Name	Description	Quant.	
19	222 513-4	Shaft		1	
20	020 028	Ring-Nilos	6004 AV	1	
21	100 015	Bearing, Ball	6004 2 Z	2	
22	221 933-4	Sprocket		1	
23	103 064	Chain, Roller	3/8x7/32 196 links	1	
24	103 065	Link, Connector	3/8x7/32	1	
25	221 935-4	Hub		1	
26	221 932-4	Spacer		1	
27					
28	025 011	Circlip	20x1.2	1	
29	020 376	Screw, Socket Cap	DIN 912 M6x50	8	
30	020 523	Washer, Tension	DIN 6796 6.0	8	
31					
32	223 695-3	Head, Suction	(Type 733)	1	
	223 536-3	Head, Suction	(Type 735)	1	
	221 936-3	Head, Suction	(Type 745)	1	
33	221 945-3	Ring, Seal	Teflon	1	
34	100 044	Follower, Cam	361202	1	
35	020 713	Washer, Tension	DIN 6796 10.0	1	
36	025 023	Ring, Snap	G15x1.2	1	

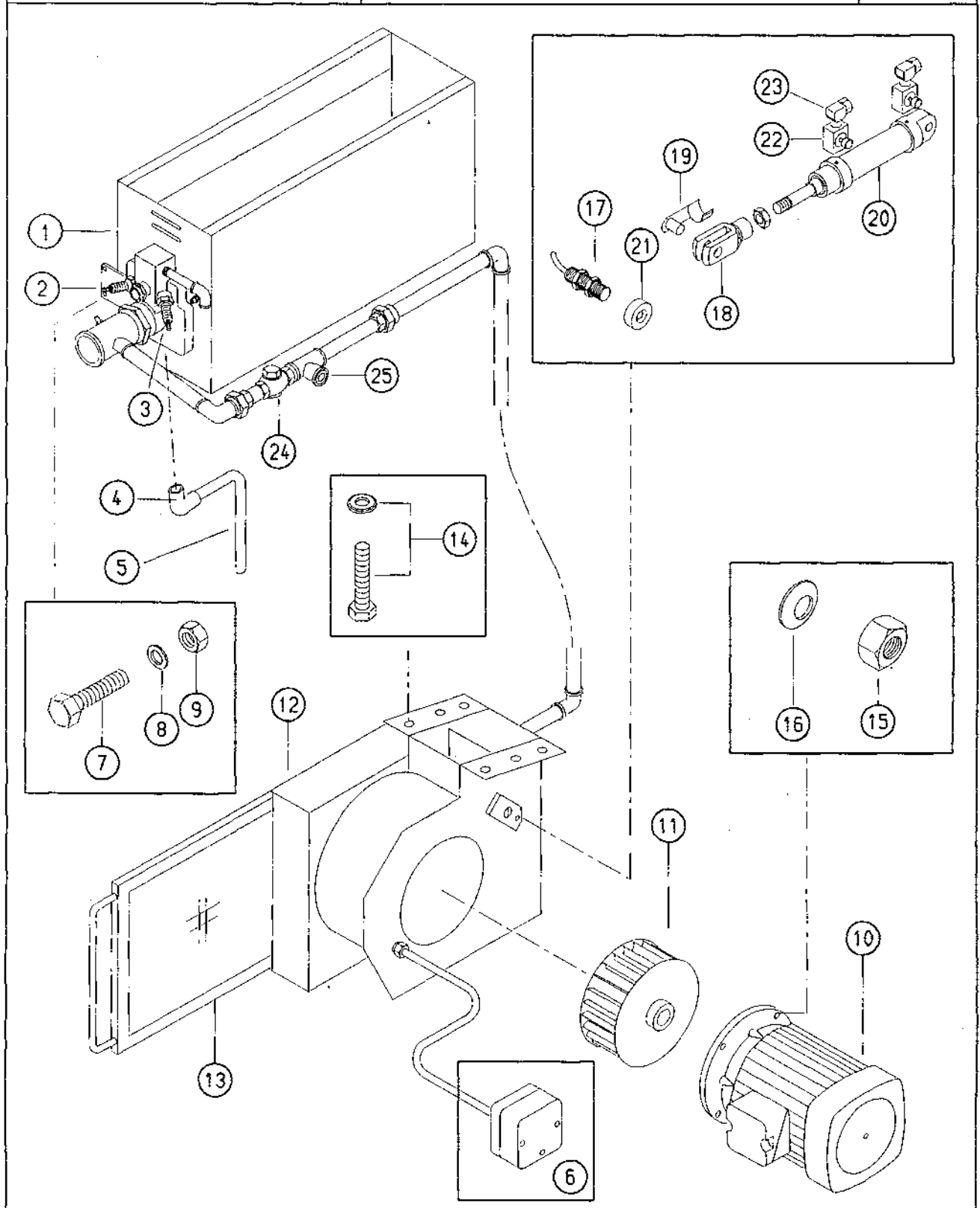
Type 733,735,745		Spare Parts List Lint Screen Drive			Page 9-18.3
Pos.	Part No.	Part Name	Description	Quant.	
37	223 656-3	Frame, Collector (Type 733)		1	
	223 540-3	Frame, Collector (Type 735)		1	
	223 285-3	Frame, Collector (Type 745)		1	
38	223 541-4	Bracket, Spring		1	
39	020 017	Screw, Socket Cap	DIN 912 M8x25	2	
40	020 712	Washer, Tension	DIN 6796 8.0	2	

TYPE 733, 735, 743, 745

GAS BURNER RAH WITH BLOWER
AND CONTROL FLAP

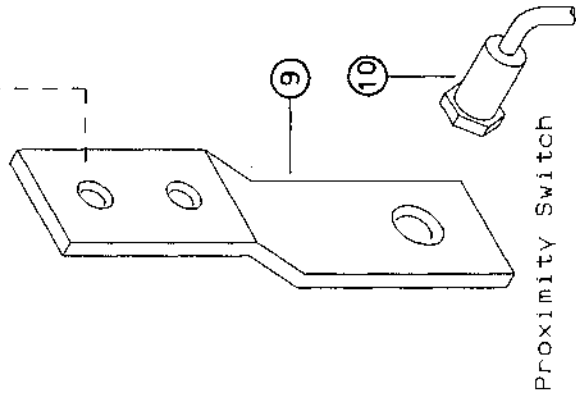
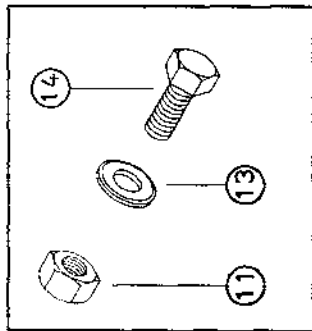
Page

9-19.0

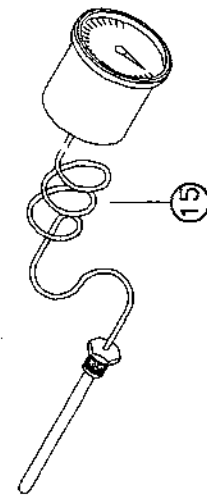
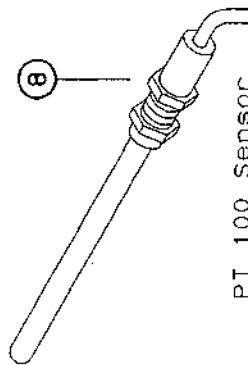
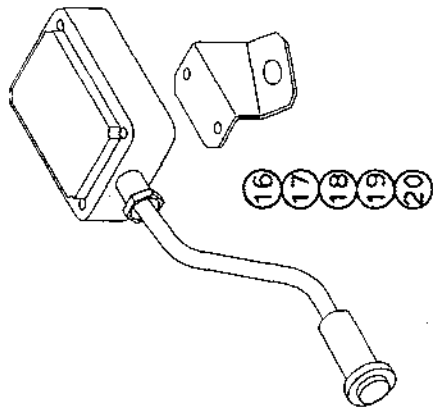


Type		Spare Parts List			Page
733,735,743,745		Gas Burner RAH with Blower and Control Flap			9-19.1
Pos.	Part No.	Part Name	Description	Quant.	
1	119 002	Burner (Type 733,743)	Flameco RAH 80	1	
	220 752-4	Burner (Type 735)	Flameco RAH160	1	
	119 001	Burner (Type 745)	Flameco RAH160	1	
2	119 019	Rod, Flame		1	
3	119 013	Plug, Spark		1	
4	119 016	Cap, Spark Plug		1	
5	007 241	Cable, Spark Plug		1	
6	135 986	Guard, Pressure	DWL 03A	1	
7	020 015	Bolt, Hex DIN 933	M8x20	4	
8	020 712	Washer, Tension DIN 6796	8.0	4	
9	020 037	Nut, Hex DIN 934	M8	4	
10		Flange Motor Indicate Voltage, Frequency and kW		1	
11	116 005	Wheel, Fan	d = 160	1	
12	220 712-1	Housing, Fan, repl. 237 048-1		1	
	237 048-1	Housing, Fan		1	
13	220 719-3	Screen, Lint		1	
14	020 345	Bolt, Hex w. Washer DIN 933	M6x16	5	
15	020 037	Nut, Hex DIN 934	M8	4	
16	020 712	Washer, Tension DIN 6796	8.0	4	

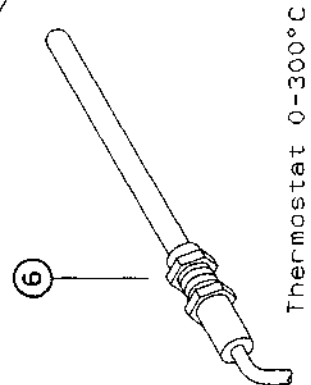
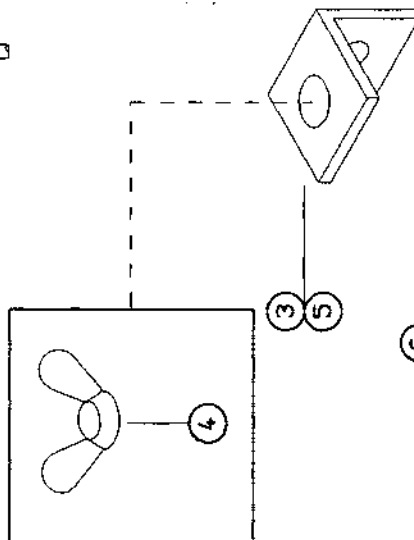
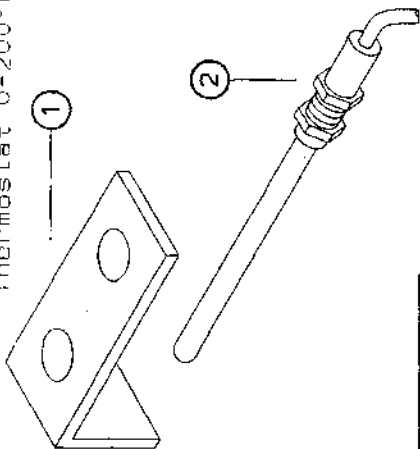
Type		Spare Parts List		Page
733,735,745		Gas Burner RAH with Blower and Control Flap		9-19.2
Pos.	Part No.	Part Name	Description	Quant.
17	136 411	Switch, Magnetic		1
18	021 077	Clevis	DIN 71752 20x20x52	1
19	020 130	Pin, Clevis	D10x20	1
20	112 304	Cylinder	DN25/Hub 35	1
		Repair Kit for Cylinder 112 304	Indic. serial no.	1
21	136 797	Magnet		1
22	112 164	Valve, Throttle	DV 06 1/8"	2
23	111 096	Elbow	ESVS WE 8 LLR 1/8	2
24	119 110	Valve, Check	Type 733 1/2"	1
	119 109	Valve, Check	Type 735,745 3/4"	1
25	119 111	T-Regulator	Type 733 1/2"	1
	119 083	T-Regulator	Type 735,745 3/4"	1



Infrared sensor



Thermostat 0-200°C



Type		Spare Parts List		Page
733,735,743, 745		Monitoring and Infrared Sensor		9-20.1
Pos.	Part No.	Part Name	Description	Quant.
1	220 747	Bracket, Angle		1
2	135 007	Thermostat	0-200 Grad	1
3	220 742-4	Bracket, Angle		1
4	020 119	Nut, Wing	DIN 315 M6	2
5	220 743-4	Bracket, Angle		1
6	135 008	Thermostat	0-300 Grad	1
7				
8	136 344	Feeler, Temperature, repl. 227 465-3	PT 100	1
9	233 146-4	Bracket, Angle		1
10	136 415	Switch, Proximity	IIA-2010-FRKG	1
11	020 036	Nut, Hex	DIN 934 M6	2
12				
13	020 523	Washer, Tension	DIN 6796 6.0	2
14	020 345	Boit, Hex	DIN 934 M6x16	2
15	135 028	Limiter, Temperature	1 B 1560	1
16	244 406-4	Bracket for Infrared Sensor		1
17	136 366	Sensor, Infrared		1
18	007 486	Cable, Spiral		1
19	137 015	Box, Cable		1
20	137 871	Coupling		2

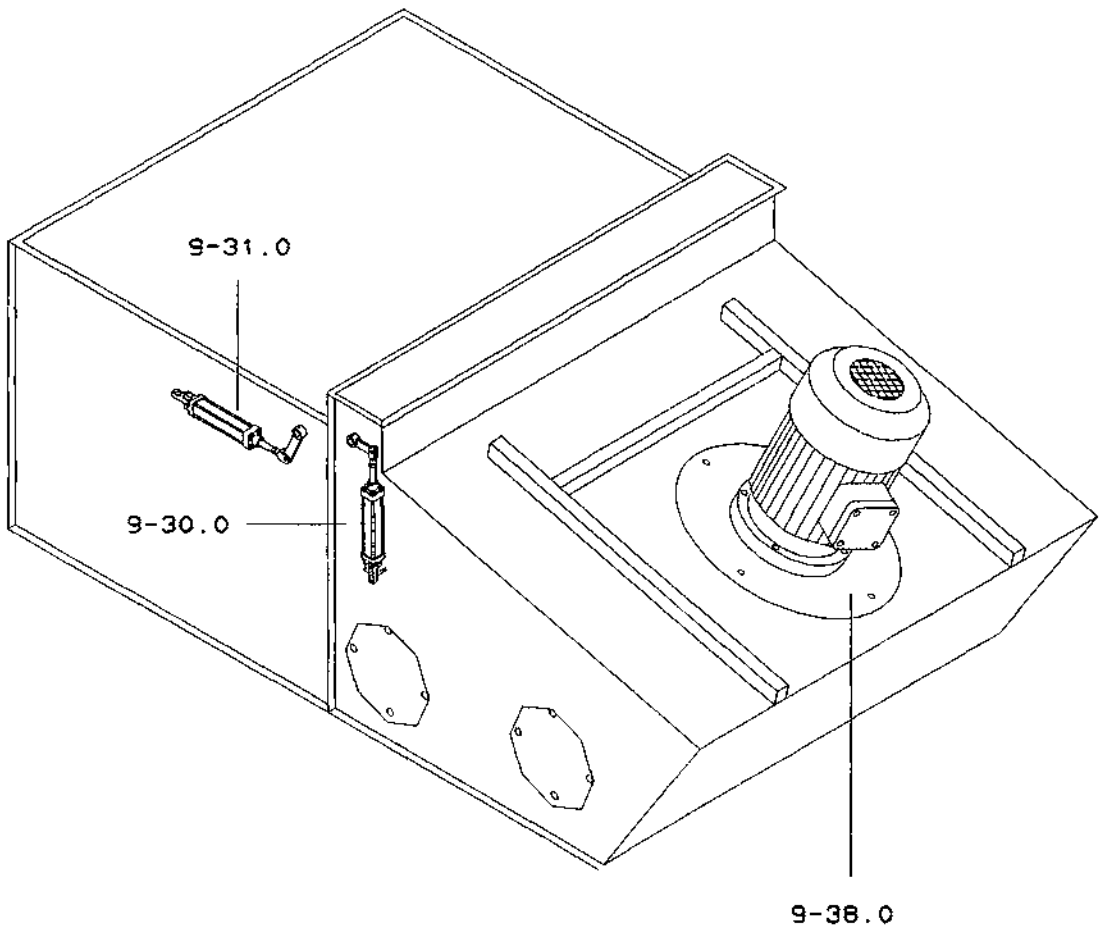
TYPE 733,735,745

BLOWER HOUSING

Page

OVERVIEW GAS

9-22.0



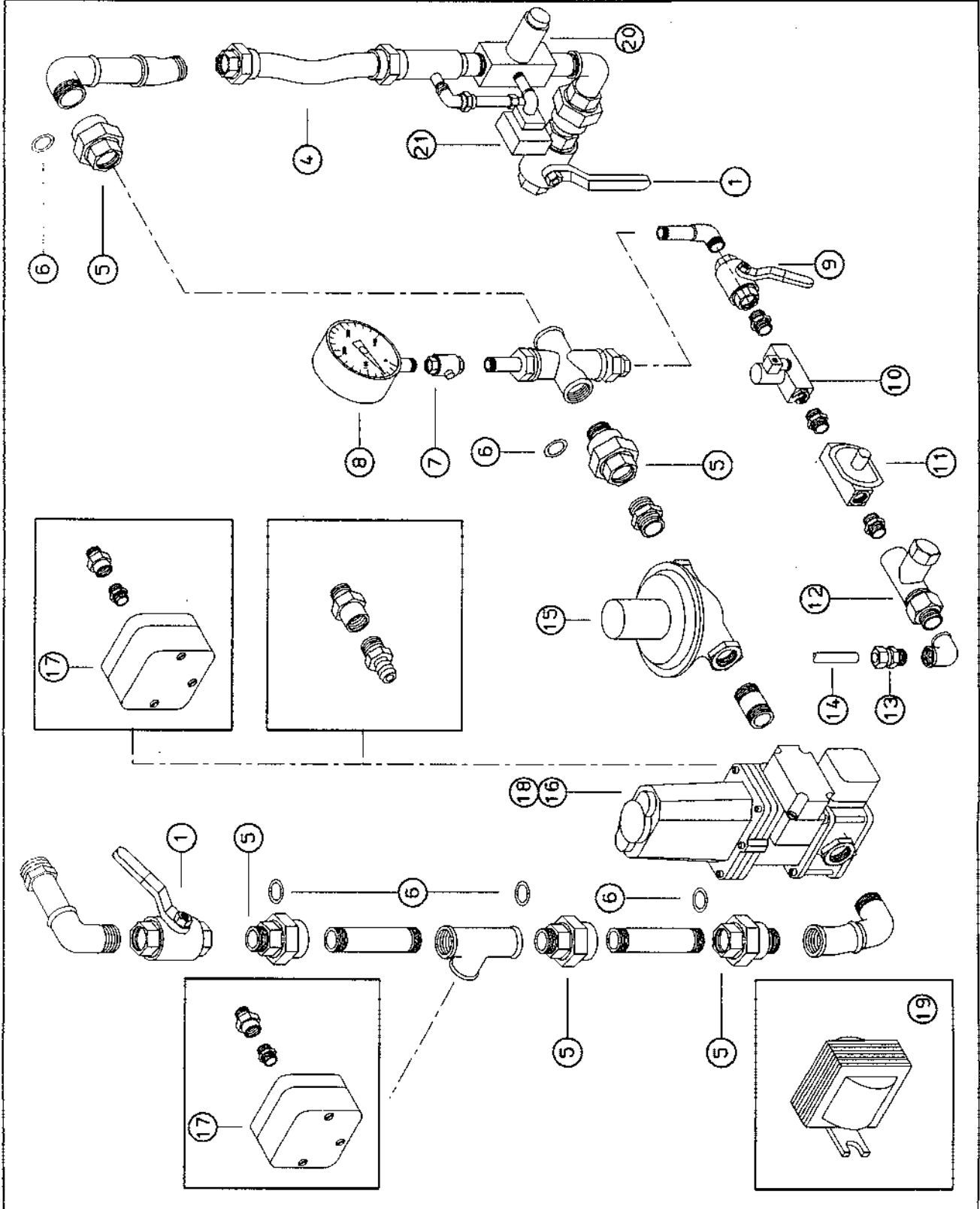
TYPE 733.743

GAS SYSTEM WITH RAH BURNER

230 V / 50 HZ

Page

9-23.0



Type		Spare Parts List		Page
733,743		Gas System with RAH Burner 230 V / 50 Hz		9-23.1
Pos.	Part No.	Part Name	Description	Quant.
1	111 041	Valve, Lock	1"	2
2				
3				
4	121 015	Hose - Turboflex	600 mm	1
5	030 065	Union	1"	3
6	028 027	Gasket, Rubber	1"	3
7	111 008	Valve, Push-Button	1/4"	1
8	111 033	Manometer	1/2" 0-100 mbar	1
9	111 040	Valve, Lock	1/4"	1
10	119 007	Valve, Solenoid	VG 8 230V/50Hz RO5/60 1/4"	1
11	119 061	Regulator, Pressure	Maxitroi 1/2"	1
12	119 083	Regulator-T		1
13	111 039	Union	GE 12 LR 1/4"	2
14		Pipe, Ermeto	12	1
15	119 009	Regulator, Pressure, repl. 119 105-5	GBF25 1"	1
	119 105-5	Regulator, Pressure		1
16	119 005	Valve, ITT	ITT SH130 NVS2 5S 230V/50 Hz	2
17	135 985	Regulator, Pressure (min./max.)	DWG 50	2
18	119 017	Valve, Gas ON-OFF (only GB)	SH 110 NV S25 230 V/50 Hz	1

Type		Spare Parts List		Page
733,743		Gas System with RAH Burner 230 V / 50 Hz		9-23.2
Pos.	Part No.	Part Name	Description	Quant.
19	136 009	Transformer, Ignition (until Dec. 95)	TG 15 230 V/ 50 Hz	1
	136 026	Transformer, Ignition (from Jan 96)	ZE 30/7 ENR 4041661 230V / 50 Hz	1
20	119 056	Valve, Safety	TC 208 RV 3T	1
21	136 019	Unit, Leakage Control		1

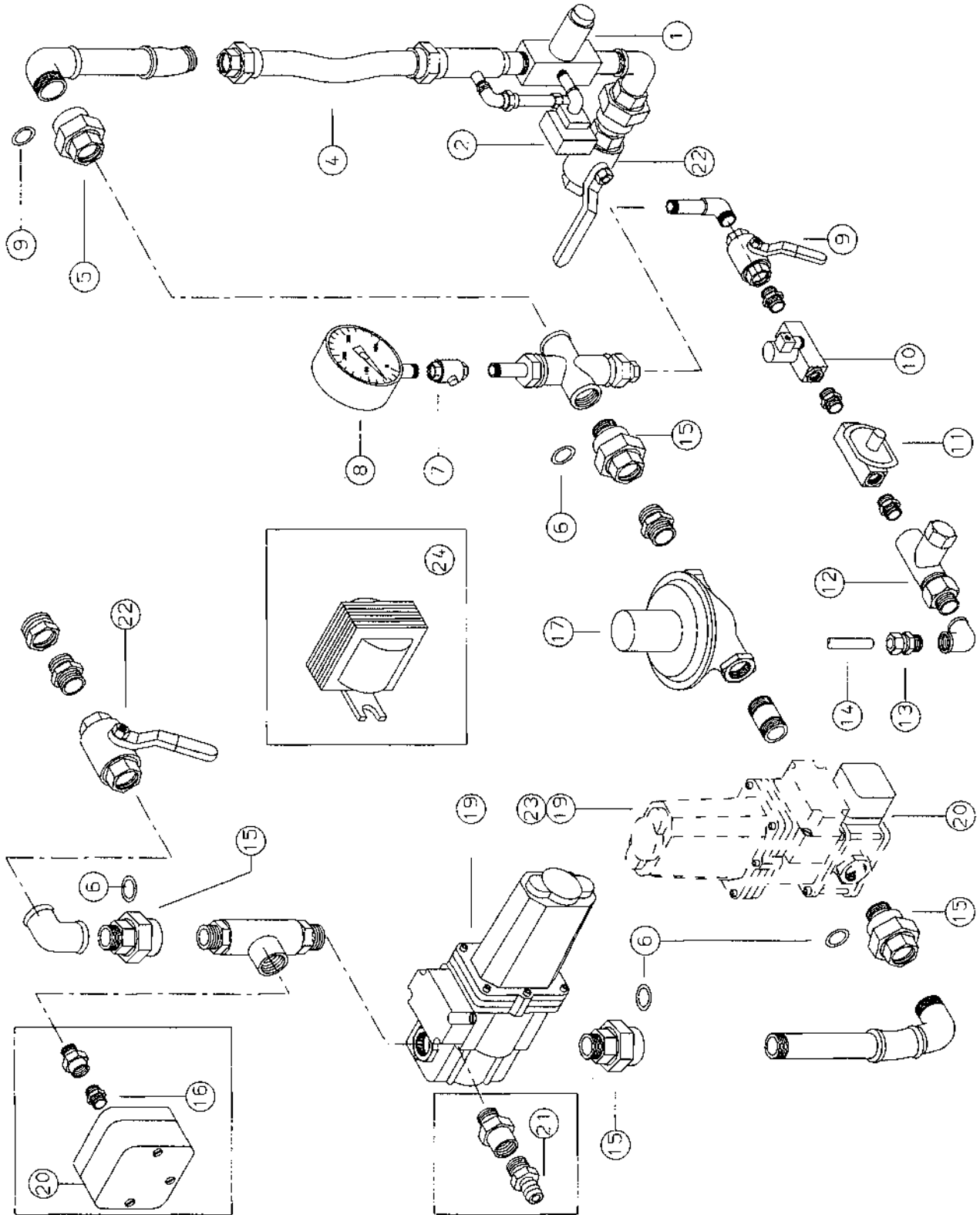
TYPE 735.745

GAS SYSTEM WITH RAH BURNER

230 V / 50 Hz

Page

9-23.10



Type		Spare Parts List		Page
735,745		Gas System with RAH Burner		9-23.11
		230 V / 50 Hz		
Pos.	Part No.	Part Name	Description	Quant.
1	119 071	Valve, Safety		1
2	136 019	Unit, Leakage Control	TC 208 R03T	1
3				
4	121 016	Hose, Turboflex	DN 40x750	1
5	030 027	Union	1½" 300	1
6	028 016	Gasket, Rubber	1½"	5
7	111 008	Valve, Push Button	1/2"	1
8	111 033	Manometer	0-100 mbar	1
9	111 040	Valve, Lock	1/4"	1
10	119 007	Valve, Solenoid	VG 8 230 V/ 50 Hz	1
11	119 061	Regulator, Pressure	Maxitrol 1/2"	1
12	119 083	Regulator-T		1
13	111 039	Union	GE 12 LR 1/4"	1
14		Pipe, Ermeto	12	1
15	030 028	Union	1½" 331	4
16	030 029	Nipple	1/4" Brass	4
17	119 010	Regulator, Pressure, Replacem. 119 106-5	GBF40 1½"	1
	119 106-5	Regulator, Pressure		1

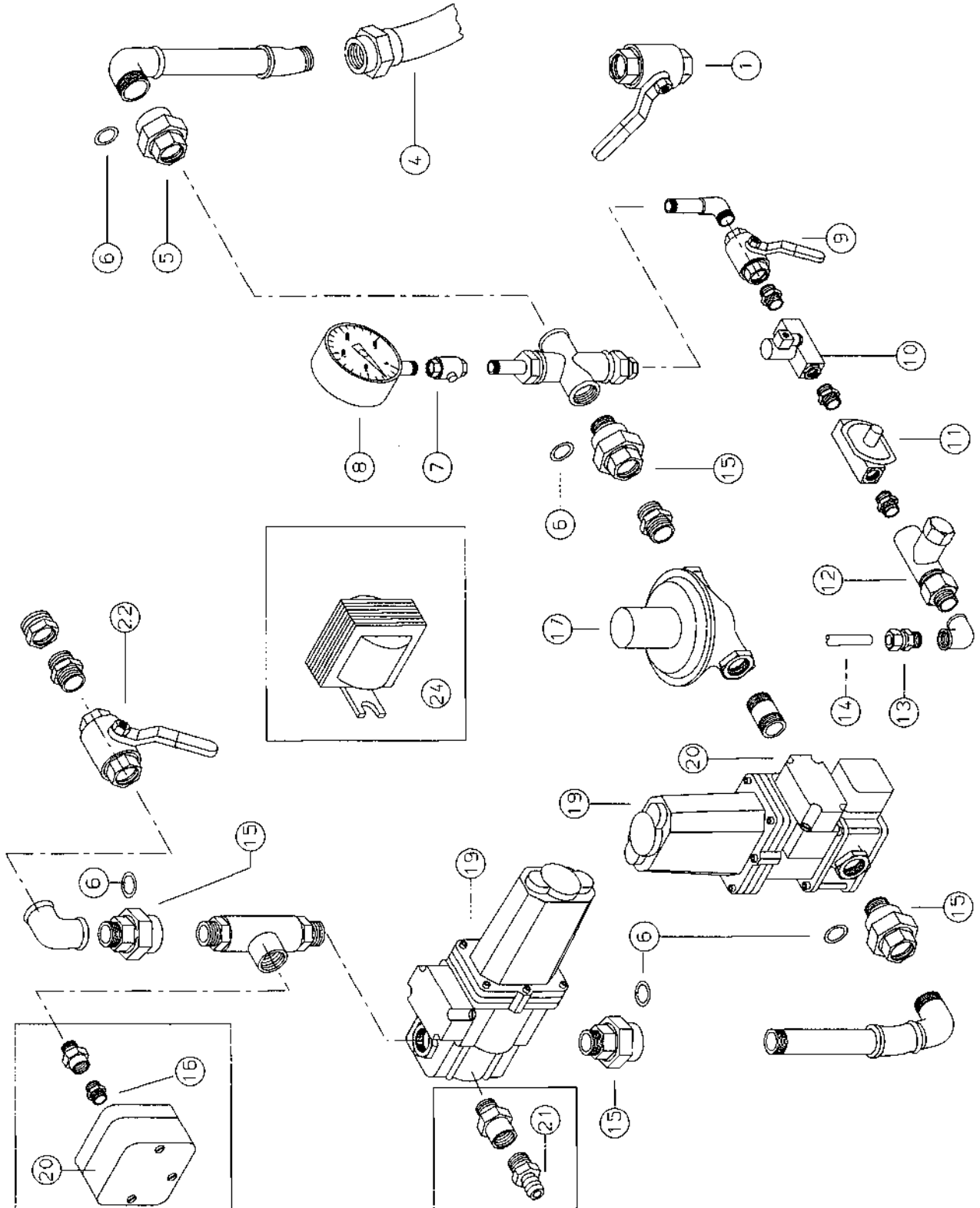
Type		Spare Parts List		Page
735,745		Gas System with RAH Burner		9-23.12
		230 V / 50 Hz		
Pos.	Part No.	Part Name	Description	Quant.
18				
19	119 004	Valve, ITT (from Jan 96 only one valve installed)	ITT SHHNVSL40S 230 V/50 Hz	1
20	135 985	Guard, Pressure (min./max.)	DWG 50	2
21	119 014	Nipple, Test	1/8"	1
22	111 042	Valve, Lock	1 1/2"	2
23	119 018	Valve, Gas ON-OFF (only GB) (obsolete from Jan 96)	SH 110 NV SL40 230 V/50 Hz	1
24	136 009	Transformer, Ignition (until Dec 95)	TG 15 230 V/ 50 Hz	1
	136 026	Transformer, Ignition (from Jan 96)	ZE 30/7 ENR 4041661 230 V/50 Hz	1

Type 735,745

GAS SYSTEM WITH RAH BURNER 15V/60Hz
Type 735 valid until July 89 for Canada
Type 745 valid until Aug. 89 for Canada
Type 745 valid until Sept. 93 for USA
Replacement Page 9-24.10

Page

9-24.0



Type 735,745		Spare Parts List Gas System with RAH Burner 115 V / 60 Hz Type 735 valid until July 89 for Canada, Type 745 valid until August 89 for Canada and Type 745 valid until September 93 for USA, Replacement page 9-24.11		Page 9-24.1
Pos.	Part No.	Part Name	Description	Quant.
1	111 043	Valve, Lock	1½" NPT	1
2				
3				
4	121 016	Hose, Turboflex	DN 40x750	1
5	030 027	Union	1½" 300	1
6	028 016	Gasket, Rubber	1½"	5
7	111 008	Valve, Push-Button	1/2"	1
8	111 033	Manometer	0-100 mbar	1
9	111 040	Valve, Lock	1/4"	1
10	119 008	Valve, Solenoid	VG 8 115V/ 60 Hz	1
11	119 061	Regulator, Pressure	Maxitrol 1/2"	1
12	119 083	Regulator-T		1
13	111 039	Union	GE 12 LR 1/4"	1
14		Pipe, Ermeto	12	1
15	030 028	Union	1½" 331	4
16	030 029	Nipple	1/4" Brass	4
17	119 010	Regulator, Pressure, Replacem. 119 106-5	GBF40 1½"	1
	119 106-5	Regulator, Pressure		1

Type		Spare Parts List		Page
735,745		Gas System with RAH Burner 115 V / 60 Hz Type 735 valid until July 89 for Canada, Type 745 valid until August 89 for Canada and Type 745 valid until September 93 for USA, Replacement page 9-24.12		9-24.2
Pos.	Part No.	Part Name	Description	Quant.
18				
19	119 004	Valve, ITT	ITT SHHNV SL40S 115 V/60 Hz	2
20	135 985	Guard, Pressure (min./max.), Replacem. 135 998	DWG 50	2
	135 998	Guard, Pressure (min./max.)		1
21	119 014	Nipple, Test	1/8"	1
22	111 042	Valve, Lock	1 1/2"	2
23				
24	136 010	Transformer, Ignition, Replacem. 136 014	TG 15/15 115 V/ 60 Hz	1
	136 014	Transformer, Ignition	Webster 612A020 120 V/ 60 Hz	1

Type 735,745		Spare Parts List Gas System with RAH Burner 115 V / 60 Hz Type 735 valid from Aug. 89 for Canada, Type 745 valid from September 89 for Canada and Type 745 valid from October 93 for USA		Page 9-24.11
Pos.	Part No.	Part Name	Description	Quant.
1	111 043	Valve, Lock	1½" NPT	1
2		Valve, Safety		
3		Unit, Leakage Control		
4	121 016	Hose, Turboflex	DN 40x750	1
5	030 247	Union	1½" NPT No. 341 J-A	5
6				
7	111 008	Valve, Push-Button	1/2"	1
8	111 033	Manometer	0-100 mbar	1
9		Valve, Lock	Rockwell 1/2" NPT	1
10	119 008	Valve, Solenoid	VG 8 115V/ 60 Hz	1
11	119 061	Regulator, Pressure	Maxitrol	1
12	119 083	Regulator-T		1
13	111 039	Union	GE 12 LR 1/4"	5
14		Pipe, Ermeto	12	1
15	119 010	Regulator, Pressure, Replacem. 119 106-5	GBF40 1½"	1
	119 106-5	Regulator, Pressure		1
16	119 003	Valve, Gas	SH-H130NV SL40S 115 V/ 60 Hz	1

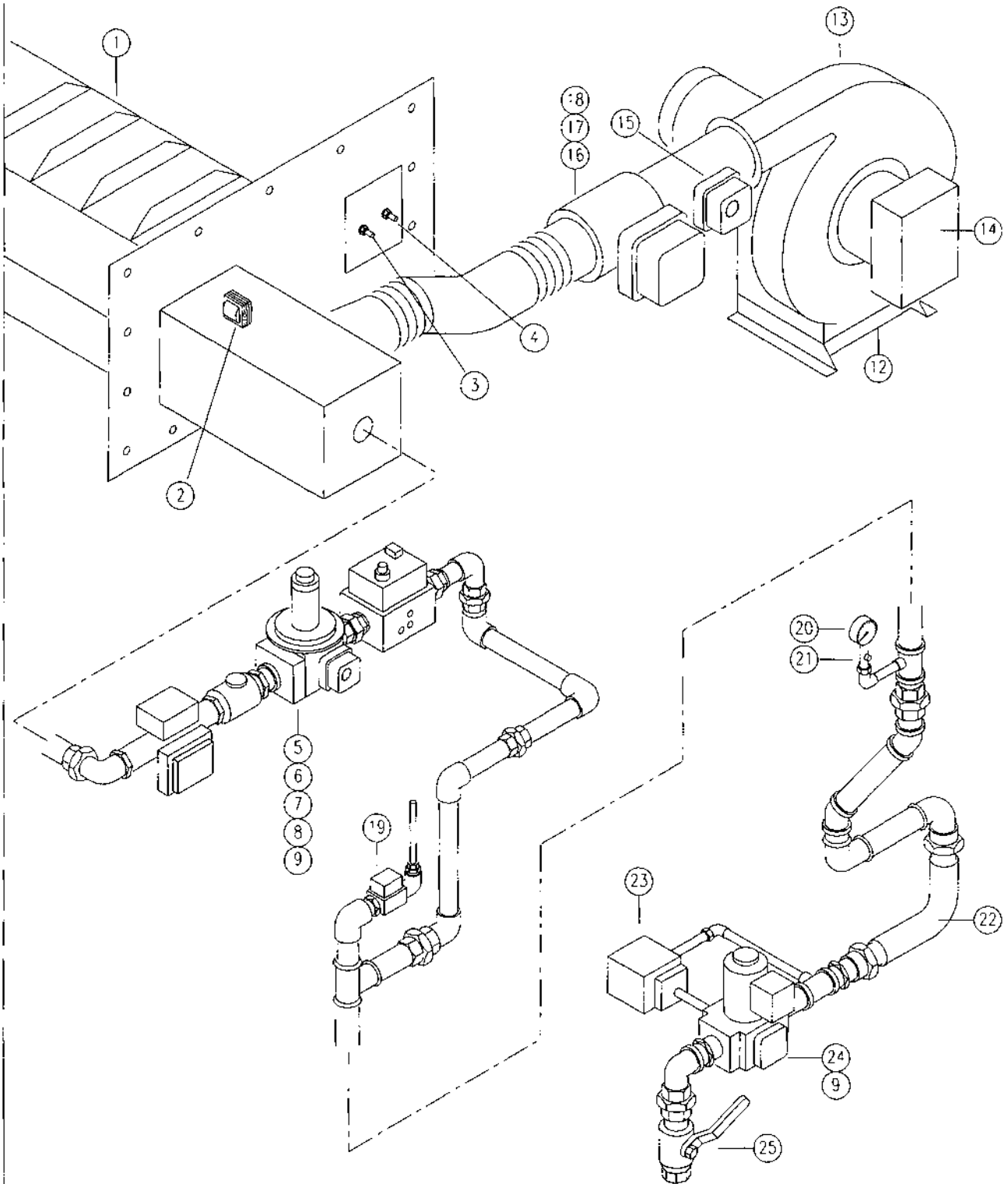
Type		Spare Parts List		Page
735,745		Gas System with RAH Burner 115 V / 60 Hz Type 735 valid from Aug. 89 for Canada, Type 745 valid from September 89 for Canada and Type 745 valid from October 93 for USA		9-24.12
Pos.	Part No.	Part Name	Description	Quant.
17	135 985	Guard, Pressure (min./max.), Replacem. 135 998	DWG 50	2
	135 998	Guard, Pressure		2
18	119 014	Nipple, Test	1/8"	1
19				
20				
21				
22	111 664	Valve, Lock	Rockwell 1 1/2" NPT WOG 17545823	1
23	030 245	Nipple, Reducer	No. 246 1/8"A-1/4"	2
24	030 016	Nipple	1/4"x60	1
25				
26	030 250	Nipple, Reducer	1/2" NPT A- 1/4"J	1
27	111 668	Valve, Gas	Honeywell V5055A/10203 NPT 1 1/2"	1
	111 670	Valve, Gas	Fluid Power V4055A/10313 120/240V 50/60 Hz	1
28	136 014	Transformer, Ignition	Webster 612A020 120 V/ 60 Hz	1

Type 733, 735, 745

GAS HEATING SURFACE BURNER MINNOX
VERSION: EUROPE

Page

9-25.0



Type 733,735,745		Spare Parts List Gas Heating Surface Burner Minnox Version: Europe			Page 9-25.1
Pos.	Part No.	Part Name	Description	Quant.	
1	119 139	Burner (Type 733)	170CCS-LS	1	
	119 140	Burner (Type 735)	245CCS-LS	1	
	119 142	Burner (Type 745)	310CCS-LS	1	
Incl. Pos. 2, 3, 4					
2	136 029	Transformer, Ignition (Type 733,735,745)	1820, 10m, 230V	1	
3	119 154	Rod, Flame (Type 733)		1	
	119 156	Rod, Flame (Type 735,745)		1	
4	119 155	Sparkplug bent until 13.11.2003 (Type 733)		1	
	119 196	Sparkplug straight from 13.11.2003 (Type 733)		1	
	119 157	Sparkplug bent until 13.11.2003 (Type 735,745)		1	
	119 197	Sparkpiug straight from 13.11.2003 (Type 735,745)		1	
5	119 136	Train, Valve, compl. with Pos. 6-9 (Type 733,735)	G25 A70 50 Hz 1"	1	
	119 143	Train, Valve, compl. with Pos. 6-9 (Type 745)	G40 A70 50 Hz 1.1/2"	1	
6	112 982	Valve, Magnetic (Type 733,735,745)	DVD 512/11 Rp 1.1/2"	1	
7	119 160	Regulator, Gas Pressure (Type 733,735,745)	FRNG510, Rp 1"	1	
8	119 161	Flap, Control (Type 733,735,745)	S211, Rp 1"	1	
9	138 056	Switch, Pressure (Type 733,735,745)	LGW 50 A4, 2,5-50mbar	2	
10					

Type 733,735,745		Spare Parts List Gas Heating Surface Burner Minnox Version: Europe		Page 9-25.2
Pos.	Part No.	Part Name	Description	Quant.
11				
12	119 138	Blower compl. with Pos. 13-15 (Type 733,735,745)	MHR 501 50 Hz	1
13	108 024	Blower (Type 733,735,745)	MHR 501, RD90	1
14	123 122	Filter (Type 733,735,745)		1
15	138 057	Switch, Pressure (Type 733,735,745)	LGW 50/A2 2,5 mbar	1
16	119 137	Regulator, Air compl. with Pos. 17-18 (Type 733)	12 BV-AR	1
	119 141	Regulator, Air compl. with Pos. 17-18 (Type 735,745)	16 BV-AR	1
17	119 163	Flap, BV (Type 733)	112-BVM-R RC 3"	1
	119 164	Flap, BV (Type 735,745)	116-BVM-R RC 4"	1
18	119 162	Servomotor (Type 733,735,745)	235R3-024-01-S1	1
19	119 056	Valve, Gas Safety (Type 733,735,745)	MVD 210/5 220V 50Hz 1"	1
20	112 314	Manometer Repl. 111 033 (Type 733,735,745)	½" 400 mbar	1
	111 033	Manometer	0-100 mbar	1

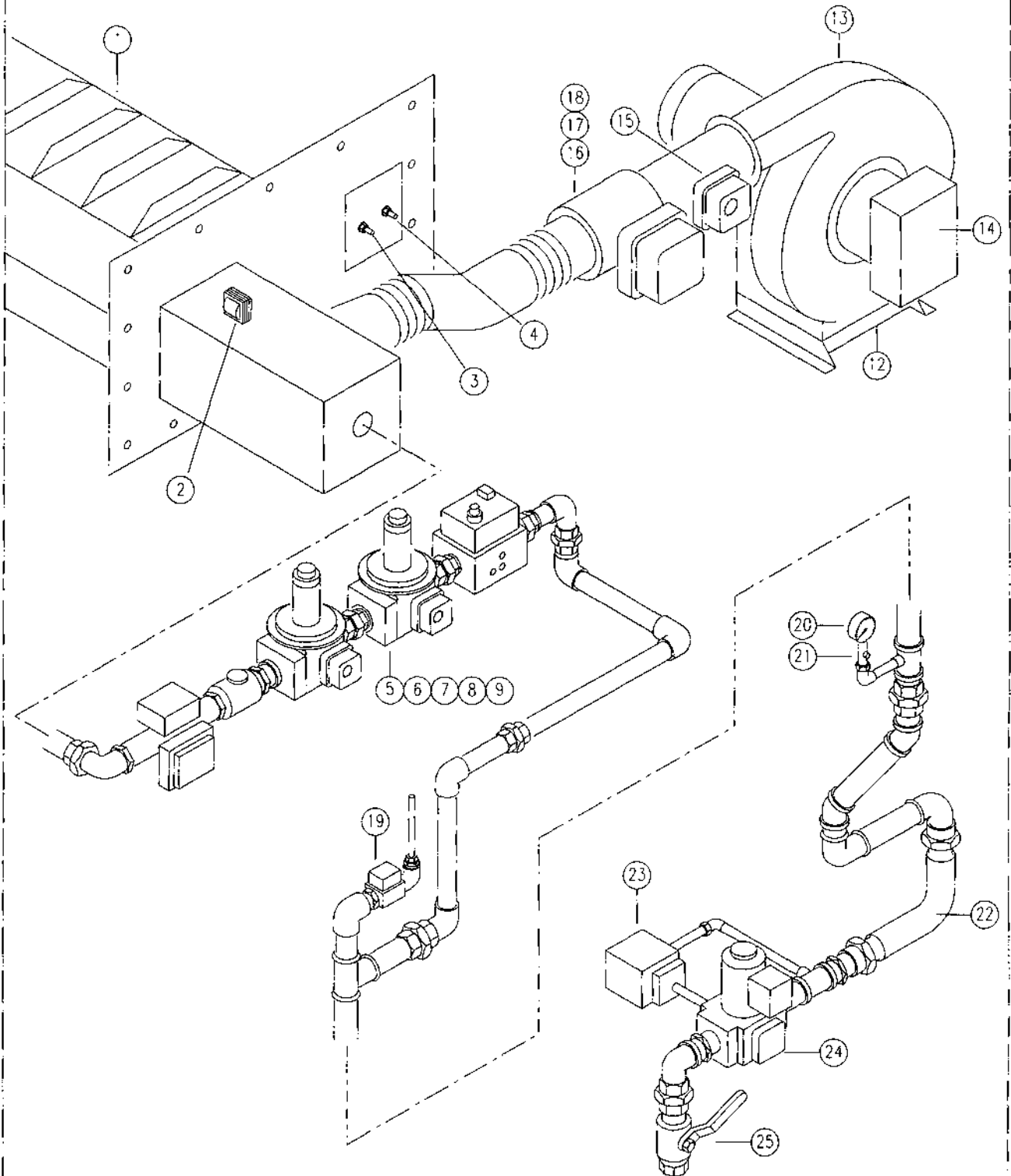
Type 733,735,745		Spare Parts List Gas Heating Surface Burner Minnox Version: Europe		Page 9-25.3
Pos.	Part No.	Part Name	Description	Quant.
21	111 008	Valve, Button (Type 733,735,745)	½"	1
22	121 337	Tube, Spiral (Type 733,735)	DN25x750	1
	121 016	Tube, Spiral (Type 745)	DN40x750	1
23	136 019	Device, Leakage Control (Type 733,735,745)	TC 218 R05-T 230V, 50Hz	1
24	119 056	Valve, Gas Safety (Type 733,735)	MVD 210/5 220V 50 Hz 1"	1
	119 071	Valve, Gas Safety (Type 745)	MVD 215/5 220V 50 Hz 1"	1
25	111 041	Valve, Ball (Type 733,735)	1" DIN DVGW	1
	111 042	Valve, Ball (Type 745)	1 ½" DIN DVGW	1

Type 733, 735, 745

GAS HEATING SURFACE BURNER M: NNOX
VERSION: USA-CND

Page

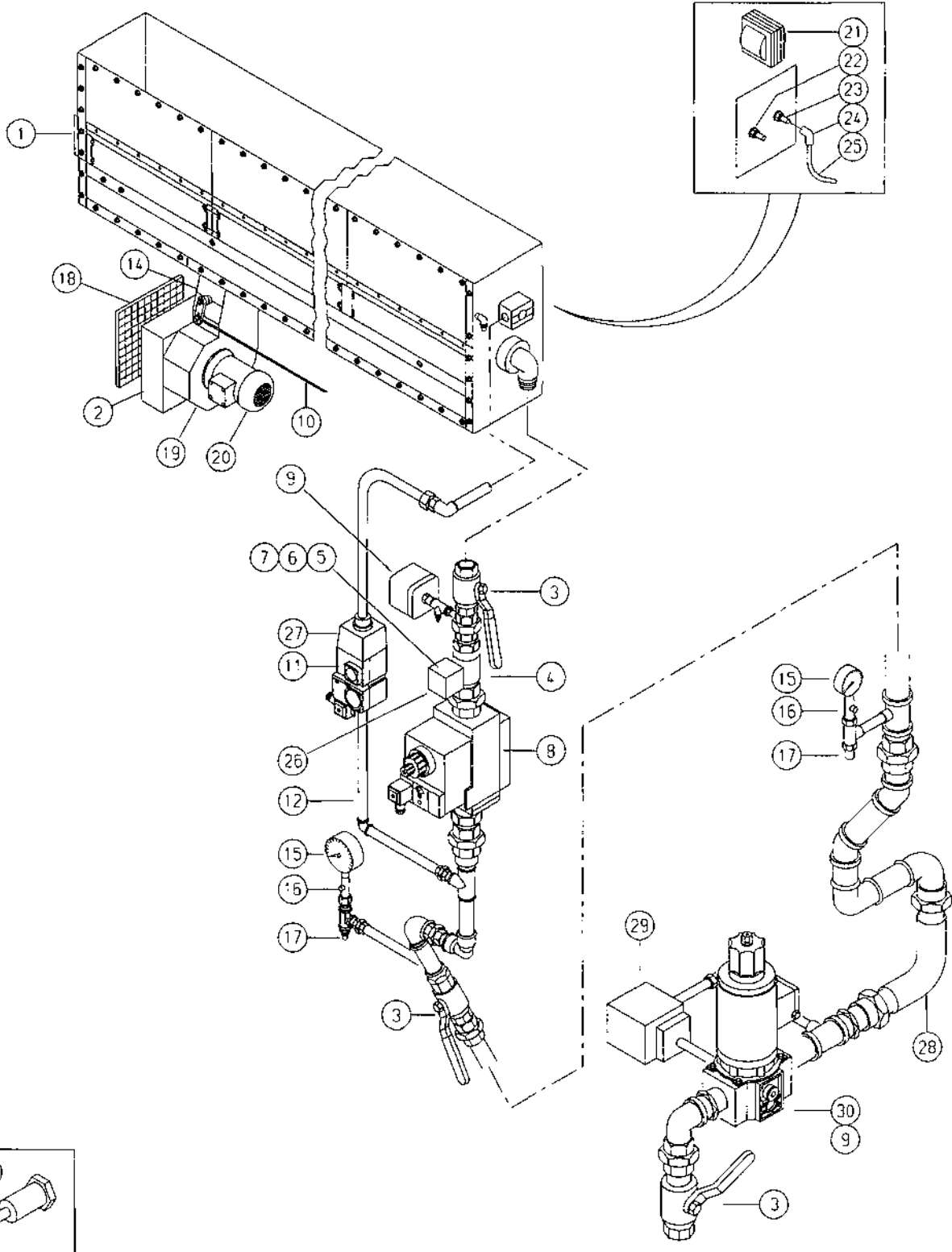
9-25.10



Type 733,735,745		Spare Parts List Gas Heating Surface Burner Minnox Version: USA-CND		Page 9-25.11
Pos.	Part No.	Part Name	Description	Quant.
1	119 139	Burner (Type 733)	170CCS-LS	1
	119 140	Burner (Type 735)	245CCS-LS	1
	119 142	Burner (Type 745)	310CCS-LS	1
Incl. Pos. 2, 3, 4				
2	136 030	Transformer, Ignition (Type 733,735,745)	1820, 10m, 110V	1
3	119 154	Rod, Flame (Type 733)		1
	119 156	Rod, Flame (Type 735,745)		1
4	119 155	Sparkplug bent until 13.11.2003 (Type 733)		1
	119 196	Sparkplug straight from 13.11.2003 (Type 733)		1
	119 157	Sparkplug bent until 13.11.2003 (Type 735,745)		1
	119 197	Sparkplug straight from 13.11.2003 (Type 735,745)		1
5	119 144	Train, Valve, compl. with Pos. 6-9 (Type 733,735)	G25 A70 60 Hz 1"	1
	119 150	Train, Valve, compl. with Pos. 6-9 (Type 745)	G25 A70 60 Hz 1.1/2"	1
6	112 985	Valve, Solenoid (Type 733,735,745)	MVD 510/6 1" NPT	2
7	119 166	Regulator, Gas Pressure (Type 733,735,745)	FRG, 1" NPT	1
8	119 161	Flap, Control (Type 733,735,745)	S211, Rp 1"	1
9	138 058	Switch, Pressure (Type 733,735,745)	GAO A4-4-6 12-60" WC 30-150 mbar	1
10				

Type 733,735,745		Spare Parts List Gas Heating Surface Burner Minnox Version: USA-CND			Page 9-25.12
Pos.	Part No.	Part Name	Description	Quant.	
11					
12	119 145	Blower, Assembly with Pos. 13-15 (Type 733,735,745)	MHR 501 60 Hz	1	
13	108 026	Blower (Type 733,735,745)	440-480 V 60 Hz MHR 501, RD90 1,75 kW	1	
14	123 122	Filter (Type 733,735,745)		1	
15	138 059	Switch, Pressure (Type 733,735,745)	AA-A2-4-5 60 Hz 2-20"WC	1	
16	119 137	Regulator, Air compl. with Pos. 17-18 (Type 733)	12 BV-AR	1	
	119 141	Regulator, Air compl. with Pos. 17-18 (Type 735,745)	16 BV-AR	1	
17	119 163	Flap, BV (Type 733)	112-BVM-R RC 3"	1	
	119 164	Flap, BV (Type 735,745)	116-BVM-R RC 4"	1	
18	119 162	Servomotor (Type 733,735,745)	235R3-024-01-S1	1	
19	119 985	Valve, Gas Safety (Type 733)	MVD 510/6 115V 60Hz 1" NPT	1	
	112 187	Valve, Gas Safety (Type 73,745)	V4295 A 1148 120 V 60Hz 1.½"	1	
20	111 033	Manometer (Type 733,735,745)	½" KP 100D 201 0-100 mbar	1	

Type 733,735,745		Spare Parts List Gas Heating Surface Burner Minnox Version: USA-CND		Page 9-25.13
Pos.	Part No.	Part Name	Description	Quant.
21	111 008	Valve, Button (Type 733,735,745)	½"	1
22	121 337	Tube, Spiral (Type 733,735)	DN25x750	1
	121 016	Tube, Spiral (Type 745)	DN40x750	1
23	136 020	Device, Leakage Control (Type 733,735,745)	TC 218 R05-T 115V, 60Hz	1
24	112 985	Valve, Gas Safety (Type 733)	MVD 510/6 115V 60 Hz 1" NPT	1
	112 817	Valve, Gas Safety (Type 735,745)	V4295 A 1148 120V 60 Hz 1.1/2" NPT	1
25	112 004	Valve, Ball (Type 733,735)	1" NPT	1
	111 043	Valve, Ball (Type 745)	1.½" NPT	1



Type		Spare Parts List			Page
733,735,745		Gas heating line burner			
		Version: Europe			9-26.1
Pos.	Part No.	Part Name	Description	Quant.	
1	276 780-1	Burner natural gas compl. (Type 733)	6-fach L=1800 mm	1	
	276 790-1	Burner natural gas compl. (Type 735, 745)	6-fach L=1800 mm	1	
2	276 879-1	Burner blower natural gas	Type 643-750 600-1800	2	
3	111 041	Ball valve (Type 773,735)	DIN DVGW 1"	3	
	111 042	Ball valve (Type 745)	DIN DVGW 1.1/2"	3	
4	119 204	Motor flap	DMK 512 D=23	1	
5	A02081	Flap drive motor	24 VDC 90° Belimo LMC 24	1	
6	277 543-4	Plate for line burner	Belimo LMC24A 4x65x125	1	
7	277 074-4	Shaft	Belimo LMC24A D16x80	1	
8	119 206	Multiblock	MB-DLE-412- B01-S20	1	
9	135 985	Pressure switch	DG50U 2.5-50 mbar 84447350 DIN DVGW 93.03c030	1	
10	277 217-4	Control rod burner blower (Type 733)	8x970	1	
	277 149-4	Control rod burner blower (Type 735, 745)	8x820	1	

Type		Spare Parts List		Page
733,735,745		Gas heating line burner		9-26.2
		Version: Europe		
Pos.	Part No.	Part Name	Description	Quant.
11	125 161	Rod end	M6 LFD KI 6-D	2
12	277 228-3	Pilot gas line compl. (Type 733)		1
	277 178-4	Pilot gas line compl. (Type 735, 745)		1
13	136 415	Proximity sensor, inductive	10 mm B Lia-2010-FRKG PNP/NPN II 5489	1
14	135 986	Pressure switch	DL3A 0.3-3 mbar 84444402 DIN DVGW 89.08c030	1
15	111 033	Manometer		1
16	111 008	Push button valve		1
17	119 014	Measuring nipple		1
18	220 719-3	Lint screen		1
19	116 149	Blower wheel	SLE 180x74 R04/14H8	1
20		Flange motor, ind. volt., freq. + kW.		1
21	136 026	Ignition transformer	Trafounion ZE30/7	1
22	270 897-4	Surveillance electrode		1
23	119 013	Spark plug		1
24	119 016	Sparkplug cap		1
25	007 241	Sparkplug cable		1
26	276 915-4	Lever for gas flap		1

Type		Spare Parts List		Page
733,735,745		Gas heating line burner Version: Europe		9-26.3
Pos.	Part No.	Part Name	Description	Quant.
27	119 205	Multiblock	MB-C65-DLE-S20 230V, 50Hz	1
28	121 337	Spiral hose (Type 733, 735)	DN25x750	1
	121 016	Spiral hose (Type 745)	DN40x750	
29	136 019	Leakage control unit (Type 733, 735, 745)	TC 218 ROS-T 230V, 50Hz	1
30	119 056	Gas safety valve (Type 733, 735)	MVD 210/5 230V, 50Hz 1"	1
	119 071	Gas safety valve (Type 745)	MVD 210/5 230V, 50Hz 1"	1

Type 733,735,745		Spare Parts List Gas heating line burner Version: USA/Canada		Page 9-26.11
Pos.	Part-No.	Part Name	Description	Quant.
1	276 780-1	Burner natural gas compl. (Type 733)	6-fach L=1800mm	1
	276 790-1	Burner natural gas compl. (Type 735,745)	6-fach L=1800mm	1
2	111 041	Ball valve	DIN DVGW 100030365	2
3	119 014	Measuring nipple		1
4	276 879-1	Burner blower natural gas	Type 643-750 600-1800	2
5	A02081	Flap drive motor	24V DC 90° Belimo LMC24	1
6	276 915-4	Lever gas flap		1
7	277 074-4	Shaft	Belimo LMC24A D16x80	1
8	277 217-4	Control rod burner blower (Type 733)	8x970	1
	277 149-4	Control rod burner blower (Type 735,745)	8x820	1
9	125 161	Rod end	M6 LFD KI 6-D	2
10	119 204	Motor flap	DMK 512, D=23	1
11	119 003	Valve Hydramotor	SH-H 132 NVSL NW 40S 110V, 60Hz	1
12	111 670	Valve gas Fluid Pow.	V 4055 A 1031 3 120/240V 50/60Hz	2
13	111 668	Valve gas	NPT 1.1/2" V 5055 A 1020 3	1
14	119 094	Gas pressure regulator	GDJ40 R04-0 1.1/2"	1
15	119 096	Spring for 119 094		1

Type 733,735,745		Spare Parts List Gas heating line burner Version: USA/Canada		Page 9-26.12
Pos.	Part-No.	Part Name	Description	Quant.
16	111 008	Valve button		1
17	111 033	Manometer		1
18	119 008	Valve pilot gas	VG 8R 05/N60 110V, 60Hz	1
19	119 061	Gas pressure regulator	RV 48 LM 2,5-9mbar	1
20	119 111	Regulator bushing	Gf599A 1/2"	1
21	135 999	Pressure switch	DL3AT 0,3-3mbar 84444952	1
22	135 998	Pressure switch	Dg 50T 2,5-50mbar 84444820	2
23	136 415	Proximity switch, inductive	10mm B Lia-2010-FRKG PNP/NPN	1
24	277 543-4	Plate for line burner	Belimo LMC24A 4x64x125	1
25	136 014	Ignition transformer	60Hz	1
26	270 897-4	Surveillance electrode		1
27	119 013	Sparkplug		1
28	119 016	Sparkplug cap		1
29	007 241	Sparkplug cable		1
30	220 719-3	Lint screen		1
31	116 149	Blower wheel	SLE 180x74 R04/14H8	1
32		Flange motor, ind. volt., freq. + kW		1

Type 733,735,745		Spare Parts List Gas heating line burner Version: USA/Canada			Page 9-26.13
Pos.	Part-No.	Part Name	Description	Quant.	
33	121 337	Spiral hose (Type 733, 735)	DN25x70	1	
	121 016	Spiral hose (Type 745)	DN40x750	1	
34	136 020	Leakage control unit (Type 733, 735, 745)	TC 218 ROS-T 115V, 60Hz	1	
35	112 062	Gas valve (Type 733, 735)	V5055 A 1" NPT	1	
	111 668	Gas valve (Type 745)	V55010 A 10203 1.1/2" NPT	1	
36	111 043	Ball valve (Type 733, 735)	1" NPT	1	
		Ball valve (Type 745)	1.1/2" NPT	1	

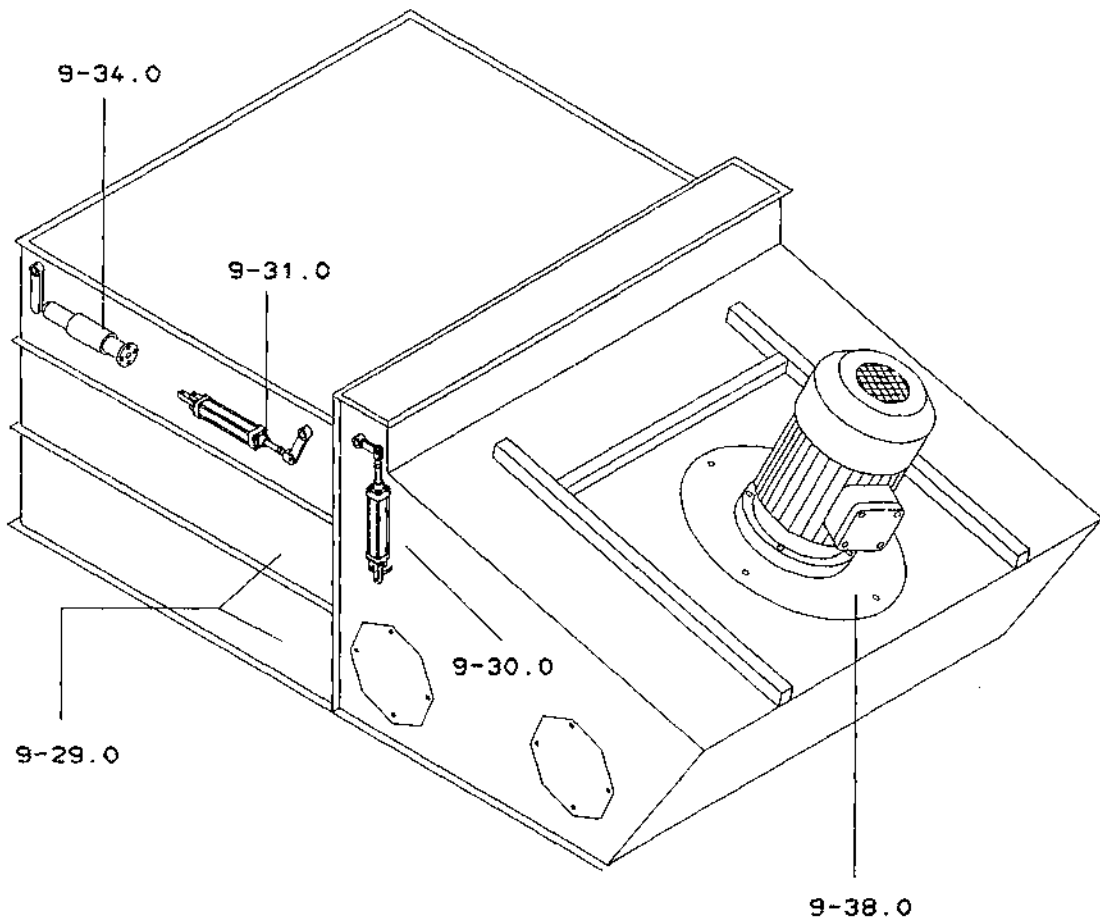
TYPE 733.735.745

BLOWER HOUSING

Page

OVERVIEW STEAM - BY-PASS AIR

9-28.0

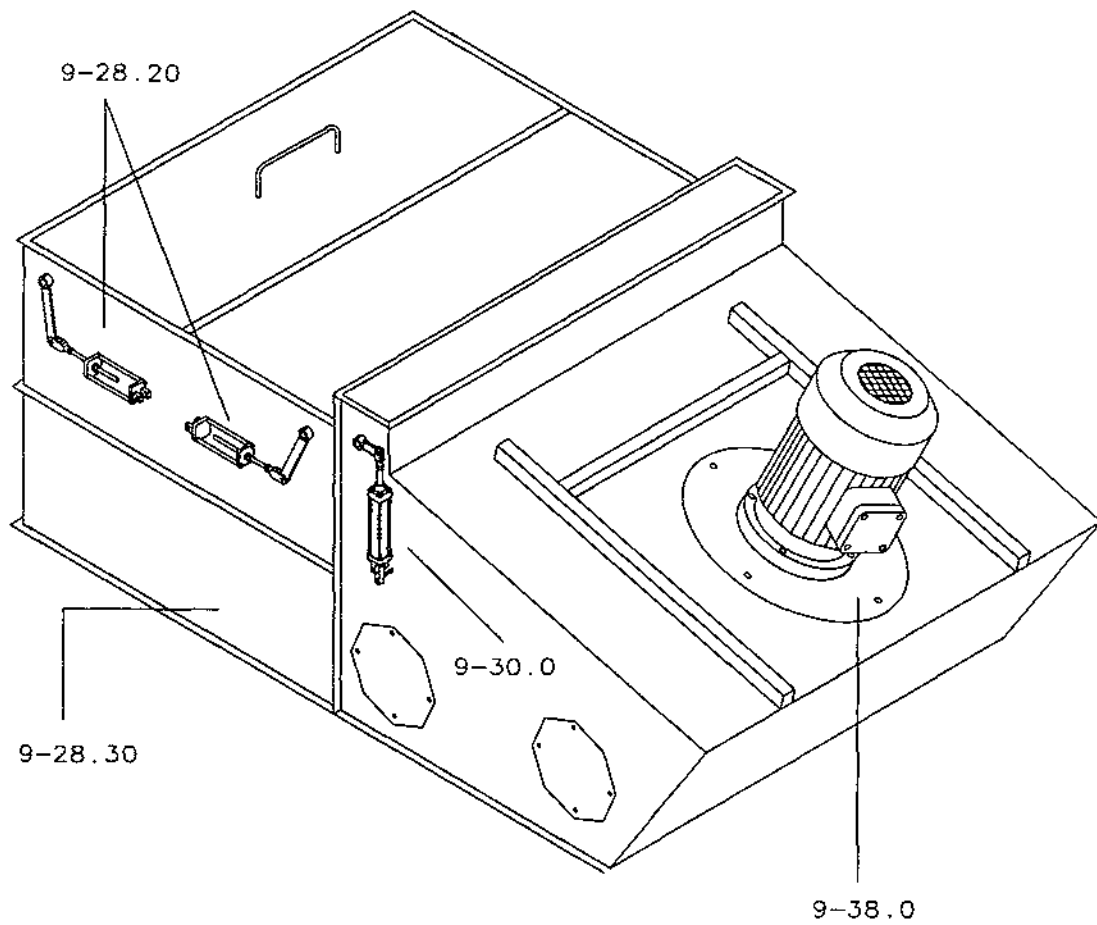


TYPE 733, 735, 745

BLOWER HOUSING (OVERVIEW)
ELECTRIC HEATING
BYPASS

Page

9-28.10

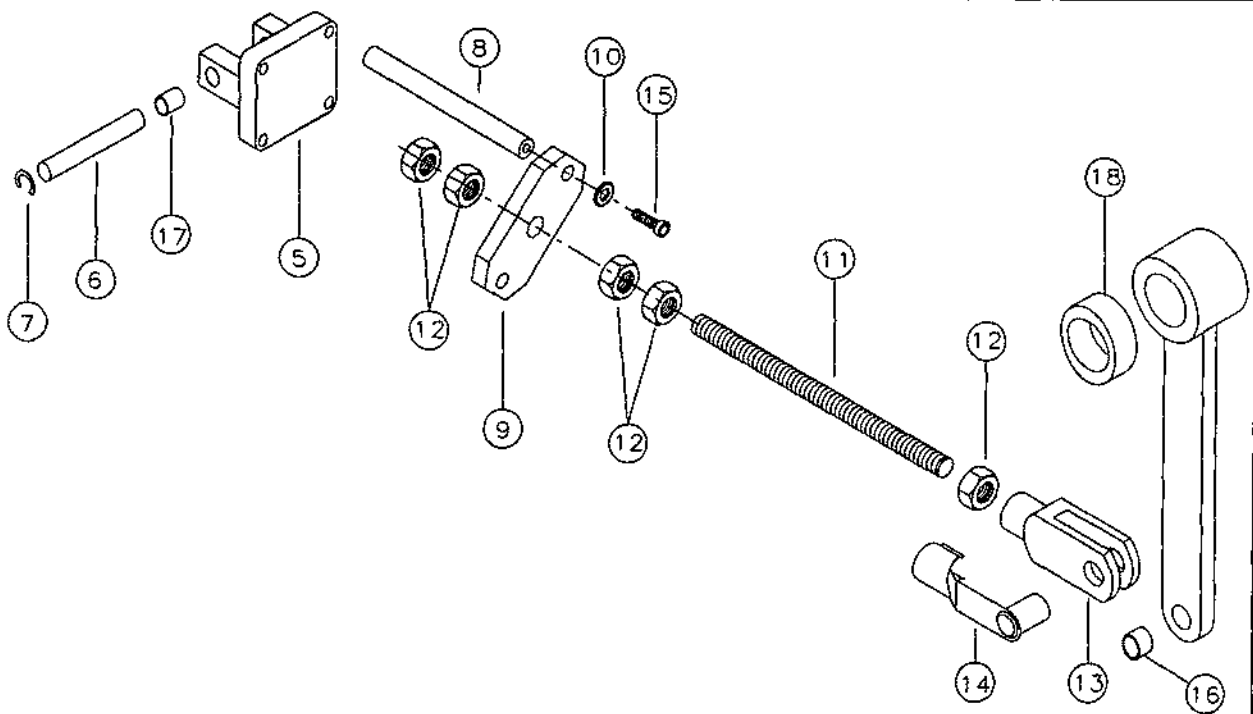
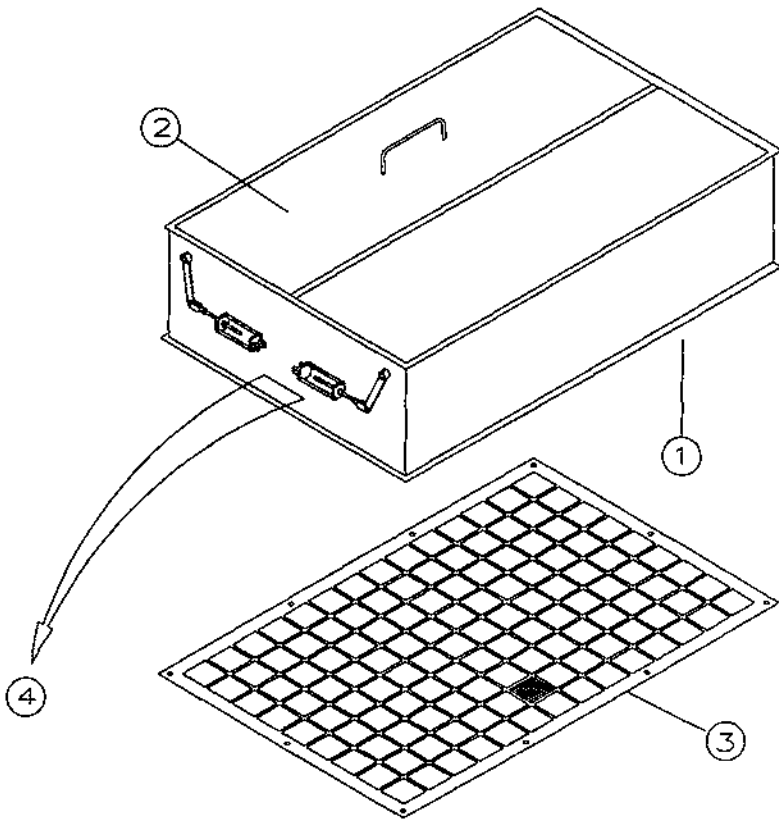


TYPE 733, 735, 745

BYPASS HOUSING
ELECTRIC HEATING

Page

9-28.20



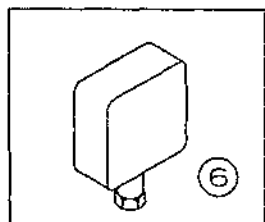
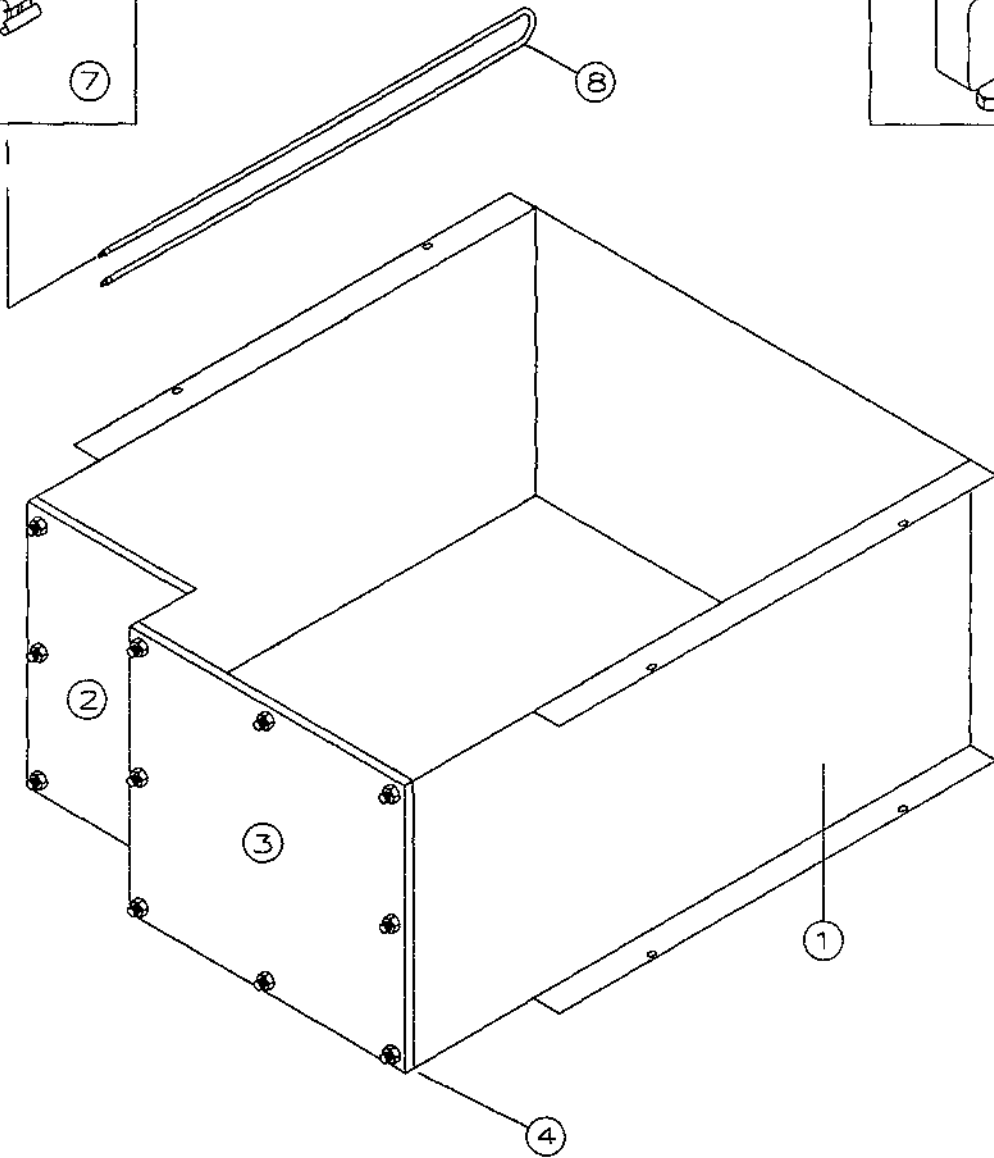
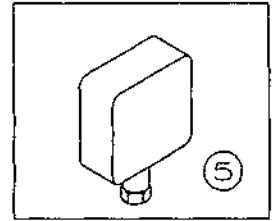
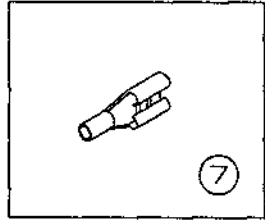
Type		Spare Parts List			Page
733,735,745		Bypass Housing Electric Heating			9-28.21
Pos.	Part No.	Part Name	Description	Quant.	
1	276 871-2	Bypass housing for electric heating, weldm.		1	
2	226 304-2	Cover bypass housing	Type 733	1	
3	224 387-2	Steam screen, bypass	Type 733	1	
4	227 699-3	Bypass flap attachment		2	
5	111 732	Swing bolt attachment	PD 23785	1	
6	224 496-4	Clevis bolt	12x52	1	
7	025 031	Bolt clip Ki	12x9	2	
8	227 698-4	Spacer bolt	D=12x120	2	
9	222 610-4	Stop	4x26x76	1	
10	020 050	Washer	DIN 125 A 6.4	2	
11	227 701--	Thread bar	M12x275	1	
12	020 039	Hex nut	DIN 934 M12	5	
13	020 161	Clevis	DIN 71752 M12x24	1	
14	020 162	Clevis pin	D12x24	1	
15	020 871	Allen bolt	DIN 7984 M6x20	4	
16	100 003	Bushing Glycodur	12x14x10	2	
17	100 072	Bushing Glycodur	12x14x15	2	
18	025 012	Collar	DIN 705 A 20	2	

TYPE 733, 735, 745

ELECTRIC HEATING

Page

9-28.30



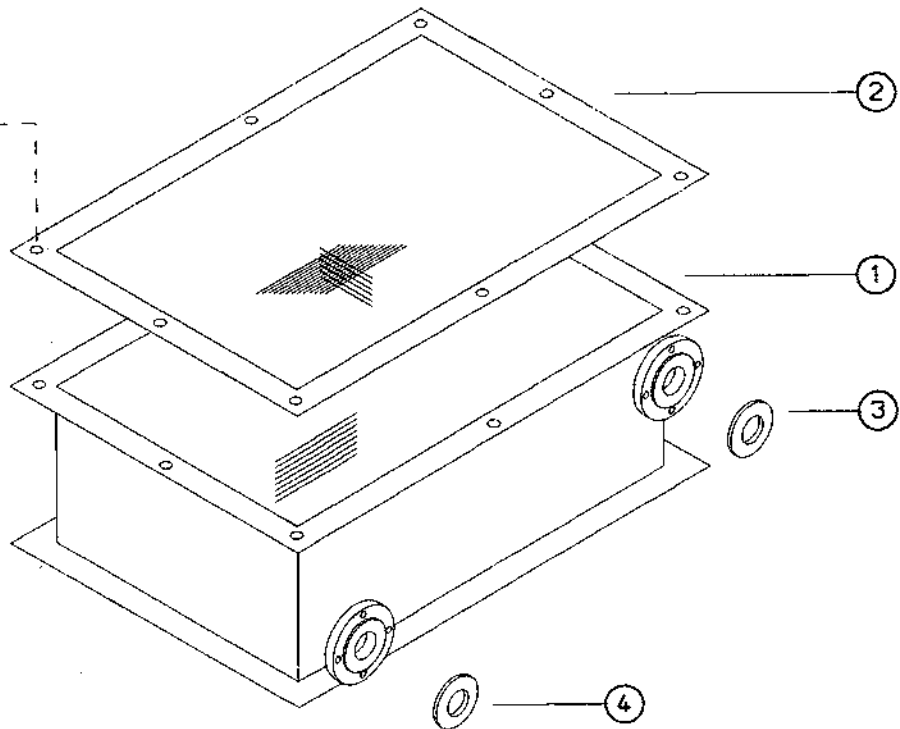
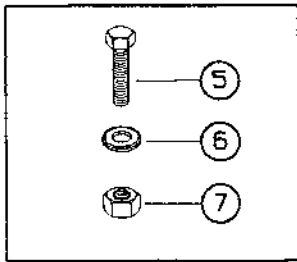
Type		Spare Parts List		Blatt
733,735,735		Electric Heating		9-28.31
Pos.	Part No.	Part name	Description	Quant.
1	276 877-2	Electric heating, weldm.	Type 733	1
2	276 894-3	Cover, electric heating housing	388x541	1
3	276 895-3	Cover, electric heating housing	541x586	1
4	005 739	Sealing profile	A2 518	1
5	136 986	Pressure switch for heating	0,3-3 mbar	1
6	138 056	Pressure switch for drum vacuum	2,5-50 mbar	1
7	137 738	Flat connector		
8	227 105-3	Pipe heater	1,5 kW 860 mm	

TYPE 733, 735, 745

HEAT EXCHANGER AND STEAM SCREENS

Page

9-29.0



Type 733,735,745		Spare Parts List Heat Exchanger and Steam Screens			Page 9-29.1
Pos.	Part No.	Part Name	Description	Quant.	
1	118 029-3	Exchanger, Heat (Type 733)	6 Rows	1	
	118 003-3	Exchanger, Heat (Type 733)	4 Rows	2	
	118 249	Oil, Heat Exchanger TÜV (Type 733)	4 Rows		
	118 160	Oil, Heat Exchanger TÜV (Type 733)	6 Rows		
	118 030-3	Exchanger, Heat (Type 735)	6 Rows	1	
	118 004-3	Exchanger, Heat (Type 735)	4 Rows	2	
		Oil, Heat Exchanger (Type 735)	4 Rows		
	118 244	Oil, Heat Exchanger TÜV (Type 735)	6 Rows		
	118 031-3	Exchanger, Heat (Type 745)	6 Rows	1	
	118 005-3	Exchanger, Heat (Type 745)	4 Rows	2	
	118 080	Oil, Heat Exchanger TÜV (Type 745)	4 Rows		
	118 070	Oil, Heat Exchanger TÜV (Type 745)	6 Rows		

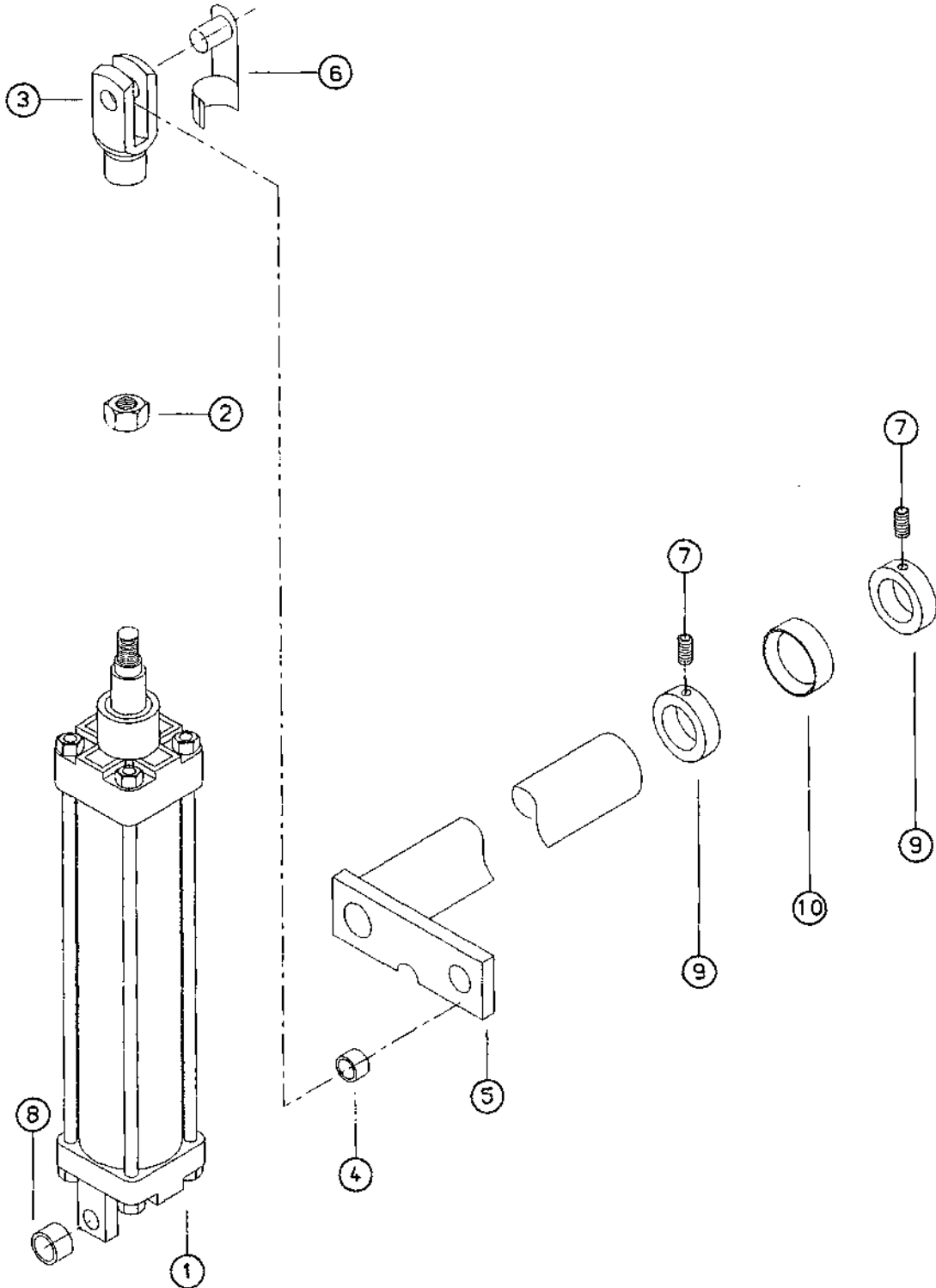
Type 733,735,745		Spare Parts List Heat Exchanger and Steam Screens			Page 9-29.2
Pos.	Part No.	Part Name	Description	Quant.	
2	224 387-2	Screen, Steam By-pass Air (Type 733)	845x930	1	
	224 753-2	Screen, Steam w.o. By-pass Air (Type 733) Replacem. 223 753-2		1	
	223 753-2	Screen, Steam w.o. By-pass Air (Type 733)	894x994	1	
	224 577-2	Screen, Steam By-pass Air (Type 735) Replacem. 239 631-3	845x1443	1	
	239 631-3	Screen, Steam By-pass Air (Type 735) Split with Hinge	845x1443	1	
	224 903-3	Screen, Steam w.o. By-pass Air (Type 735)	894x1494	1	
	225 694-2	Screen, Steam By-pass Air (Type 745) Replacem. 239 443-3	1045x1443	1	
	239 443-3	Screen, Steam By-pass Air (Type 745) Split with Hinge	1045x1443	1	
	224 922-3	Screen, Steam w.o. By-pass Air (Type 745)	1094x1494	1	
3	028 015	Seal, Flange	DN 40	2	
4	028 014	Seal, Flange	DN 25	2	
5	020 345	Bolt, Hex with Washer	DIN 933 M6x16	10	
6	020 523	Washer, Tension	DIN 6796 6.0	10	
7	020 036	Nut, Hex	DIN 934 M6	10	

TYPE 733,735,745

CYLINDER ASSEMBLY (EXHAUST)

Page

9-30.0



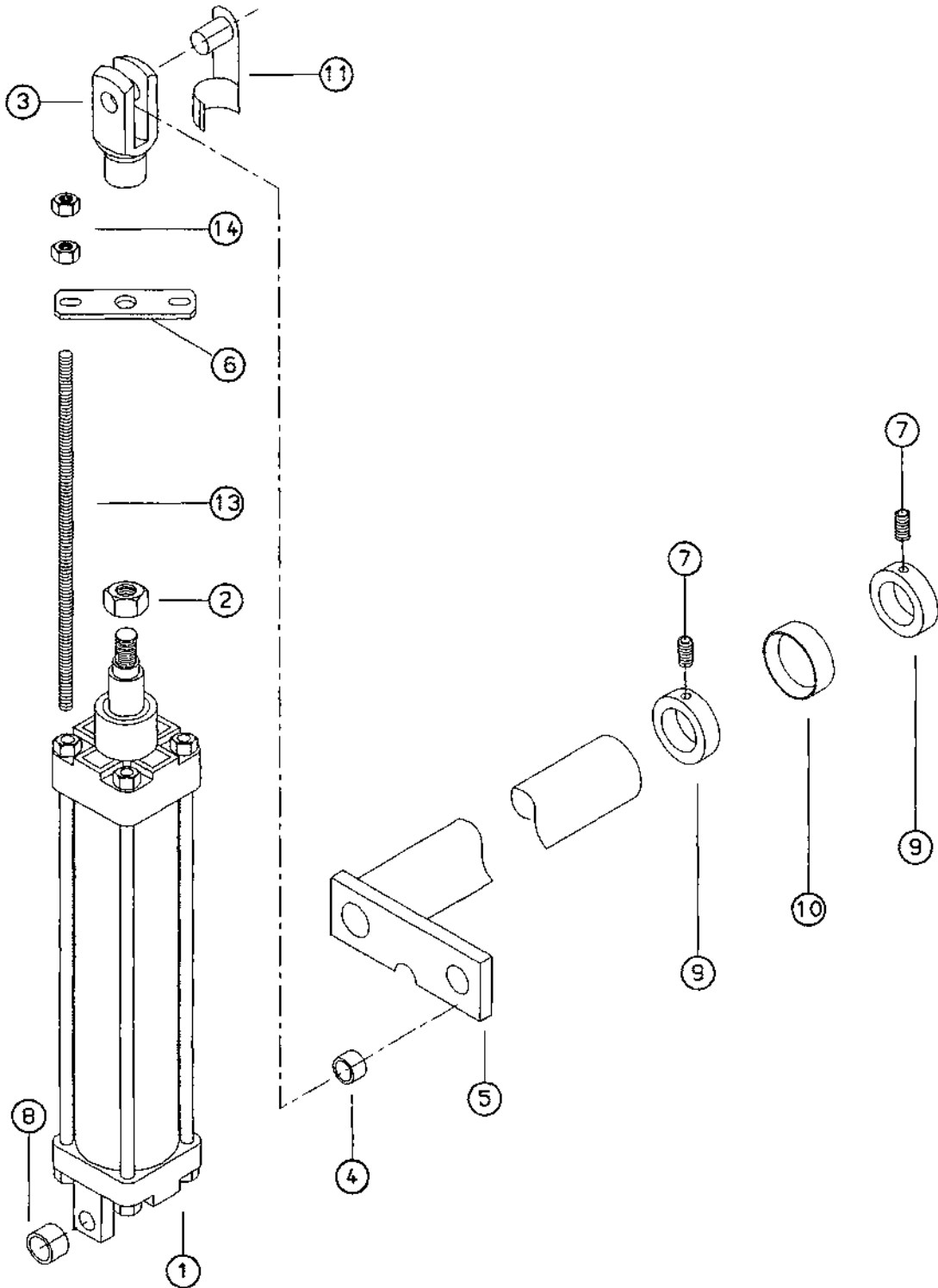
Type		Spare Parts List			Page
733,735,745		Cylinder Assembly (Exhaust)			9-30.1
Pos.	Part No.	Part Name	Description	Quant.	
1	111 061	Cylinder	DN40/Str. 100	1	
		Repair Kit for Cylinder 111 061	Indic. serial no.	1	
2	020 435	Nut, Hex	DIN 439 M12	1	
3	020 161	Clevis	GK-M12	1	
4	100 003	Bushing-DU	12x14x10	1	
5	222 147-4	Lever		1	
6	020 162	Pin, Clevis	FKB 12x24	1	
7	020 181	Screw, Set	DIN 914 M6x8	2	
8	100 072	Bushing-DU	12x14x15	1	
9	025 012	Ring, Lock	DIN 705 A20	2	
10	100 010	Bushing-DU	20x23x21.5	2	

TYPE 733, 735, 745

CYLINDER ASSEMBLY (BY-PASS AIR)

Page

9-31.0



Type		Spare Parts List			Page
733,735,745		Cylinder Assembly (By-pass Air)			9-31.1
Pos.	Part No.	Part Name	Description	Quant.	
1	111 061	Cylinder	DN40/Str. 100	1	
		Repair Kit for Cylinder 111 061	Indic. serial no.	1	
2	020 435	Nut, Hex	DIN 439 M12	1	
3	020 161	Clevis	GK-M12	1	
4	100 003	Bushing-DU	12x14x10	1	
5	222 147-4	Lever		1	
6	222 610-4	Plate		1	
7	020 181	Screw, Set	DIN 914 M6x8	2	
8	100 072	Bushing-DU	12x14x15	1	
9	025 012	Ring, Lock	DIN 705 A20	2	
10	100 010	Bushing-DU	20x23x21.5	2	
11	020 162	Pin, Clevis	FKB 12x24	1	
12					
13	020 657	Bar, Thread	M6x170	2	
14	020 036	Nut, Hex	DIN 934 M6	6	

TYPE 733,735,745

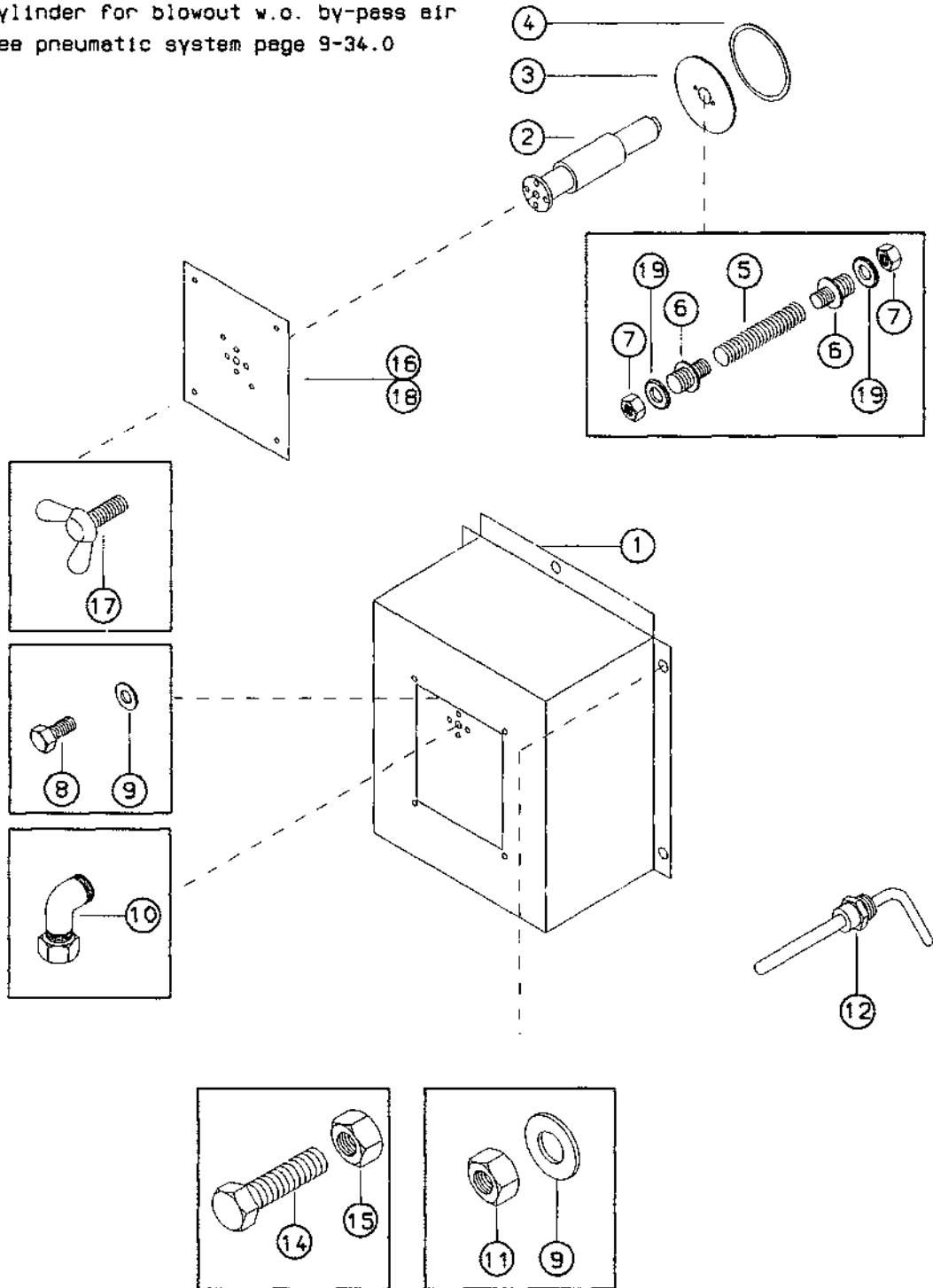
EXHAUST HOUSING
(BY-PASS AIR BLOWOUT)

Page

9-32.0

Notice:

Cylinder for blowout w.o. by-pass air
see pneumatic system page 9-34.0



Type 733,735,745		Spare Parts List Exhaust Housing (By-pass Air - Blowout)			Page 9-32.1
Pos.	Part No.	Part Name	Description	Quant.	
1	223 592-2	Housing, Blower, Replacem. 228 856-2		1	
	228 856-2	Housing, Blowout (Type 733,735,745)	Steam	1	
	229 473-3	Housing, Blowout (Type 735,745)	Gas	1	
2	224 705-5	Cylinder, compl.	Brass	1	
3	223 595-4	Cap		1	
4	123 001	Strip, Felt	15x3	1	
5	027 016	Spring, Tension, Replacem. 027 033	Z 109 G	2	
	027 033	Spring, Tension	Z 109 J	2	
6	020 429	Bolt, Eye, Replacem 228 854-4	4x30	4	
	228 854-4	Bolt; Holding	15x31		
7	020 034	Nut, Hex Replacem. 029 036	DIN 934 M4	8	
	029 036	Nut, Hex	DIN 934 M6		
8	020 102	Bolt, Hex	DIN 933 M6x10	4	
9	020 523	Washer, Tension	DIN 6796 6.0	9	
10	111 045	Union, Elbow	WE 8 LR	1	
11	020 036	Nut, Hex	DIN 934 M6	5	
12	227 465-3	Feeler, Temperature	PT 100 WT1PL 8x300	1	
13					
14	020 439	Bolt, Hex	DIN 933 M10x90	3	
15	020 038	Nut, Hex	DIN 934 M10	3	

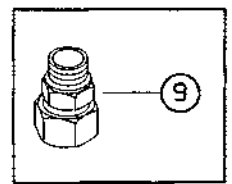
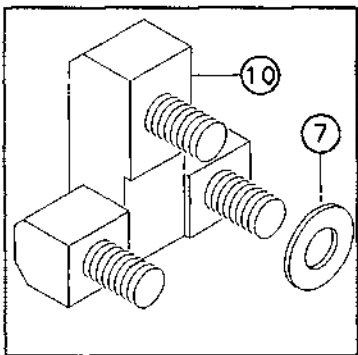
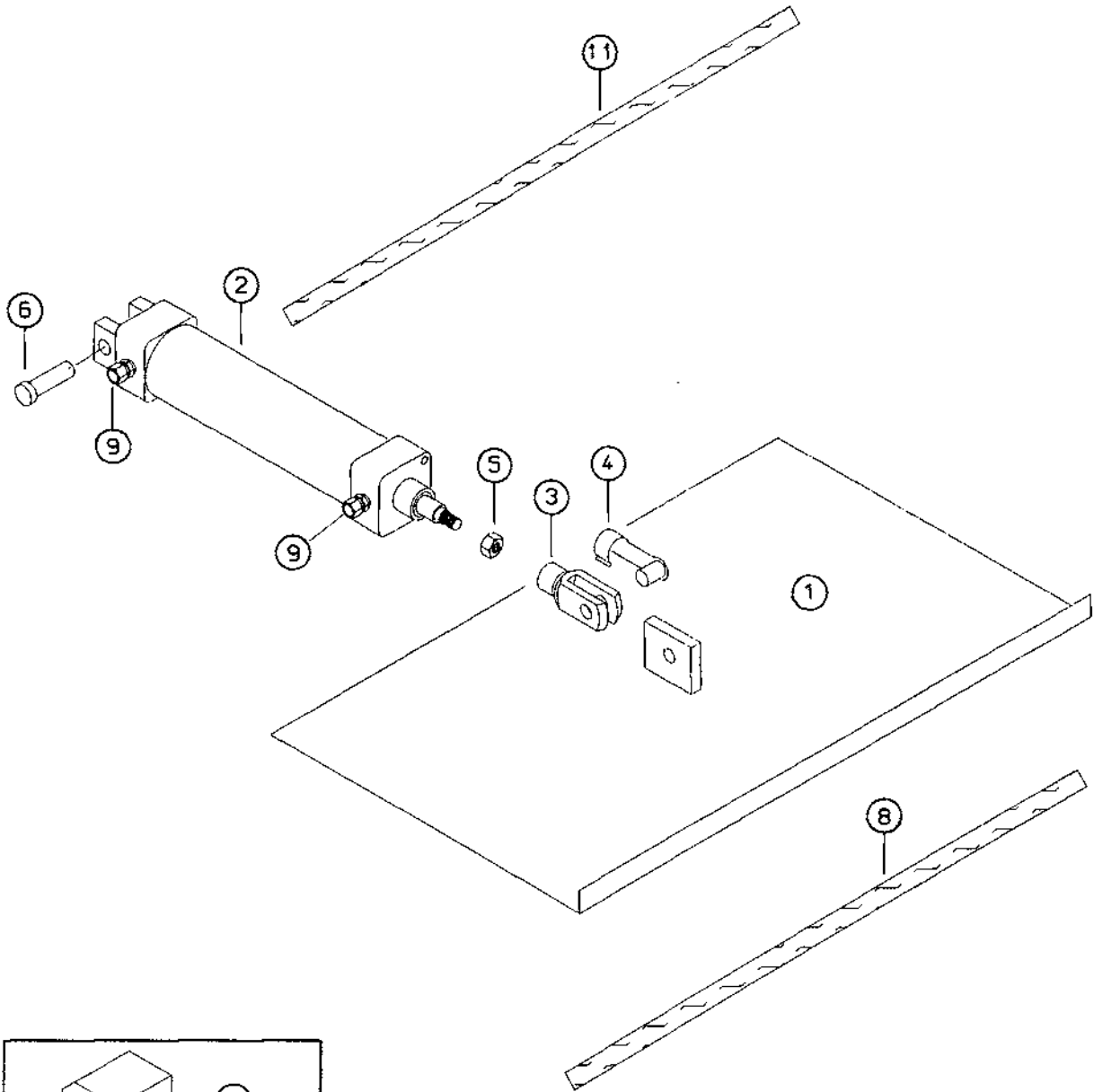
Type 733,735,745		Spare Parts List Exhaust Housing (By-pass Air - Blowout)			Page 9-32.2
Pos.	Part No.	Part Name	Description	Quant.	
16	223 696-4	Cover for Tilt Dryers		3	
17	020 474	Bolt, Wing	DIN 316 M4x12	4	
18	228 858-4	Cover		1	
19	020 523	Washer, Tension	DIN 6796 6.0	4	
	914 044-5	Modification Kit for Pos. 5,6,7,19			

TYPE 733, 735, 745

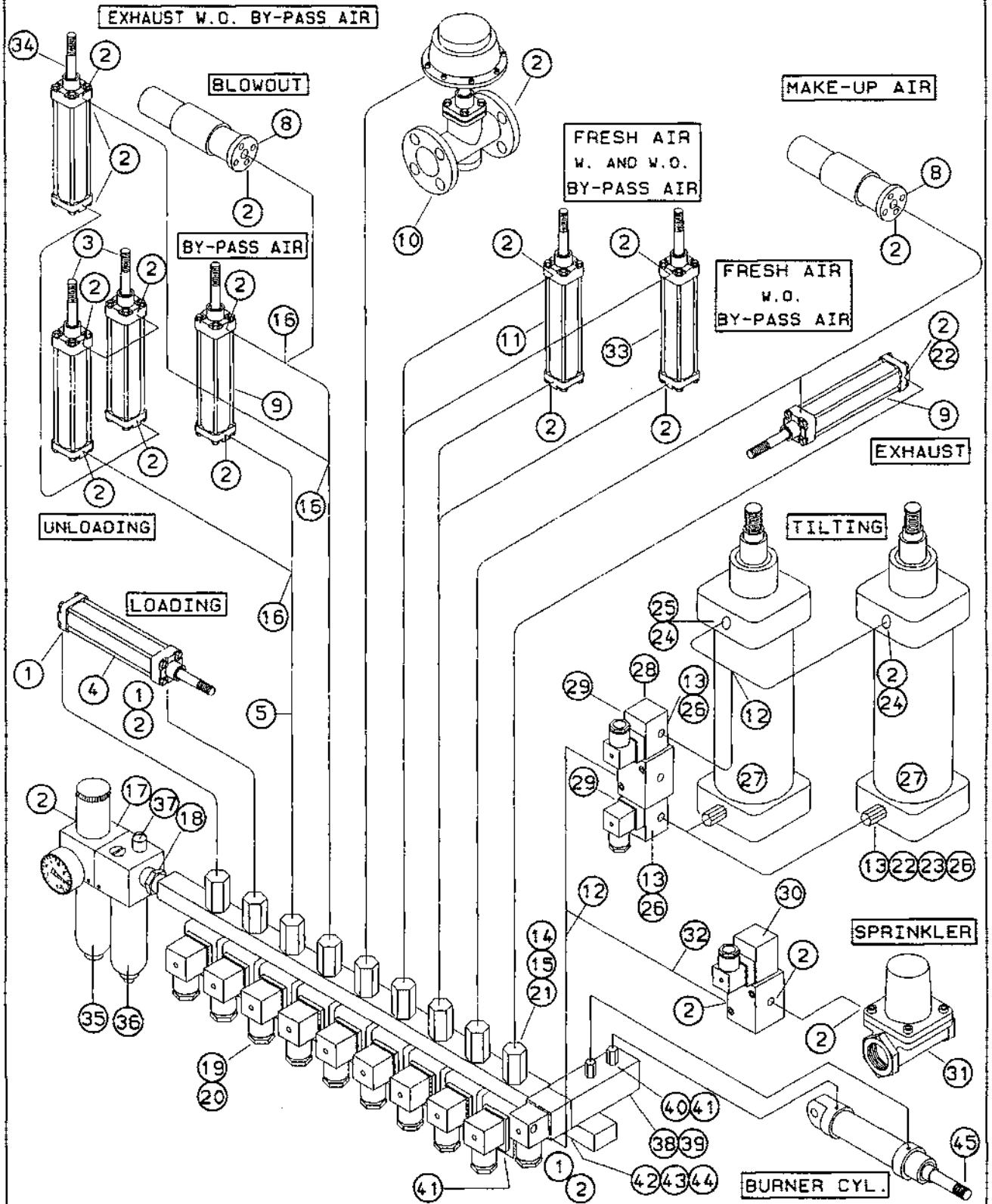
MAKE-UP AIR FLAP

Page

9-33.0



Type 733,735,745		Spare Parts List Make-up Air Flap		Page 9-33.1
Pos.	Part No.	Part Name	Description	Quant.
1	229 232-2	Flap, Fresh Air (Type 733)		1
	229 222-2	Flap, Fresh Air (Type 735)		1
	236 460-2	Flap, Fresh Air (Type 745)		1
2	111 062	Cylinder	DN40/Str. 150	1
		Repair Kit for Cylinder 111 062	Indic. serial no.	1
3	020 161	Clevis DIN 1752	M12x24	1
4	020 162	Bolt	D12x24	1
5	020 435	Nut, Hex DIN 439	M12	1
6	020 908	Bolt		1
7	020 712	Washer, Tension DIN 6796	8	3
8	123 001	Strip, Felt	3x15x2000	3
9	111 035	Union	GE 8 LR 1/4"	2
10	121 154	Hinge, Bolt-On		3
11	123 041	Strip, Felt	3x20x960	2

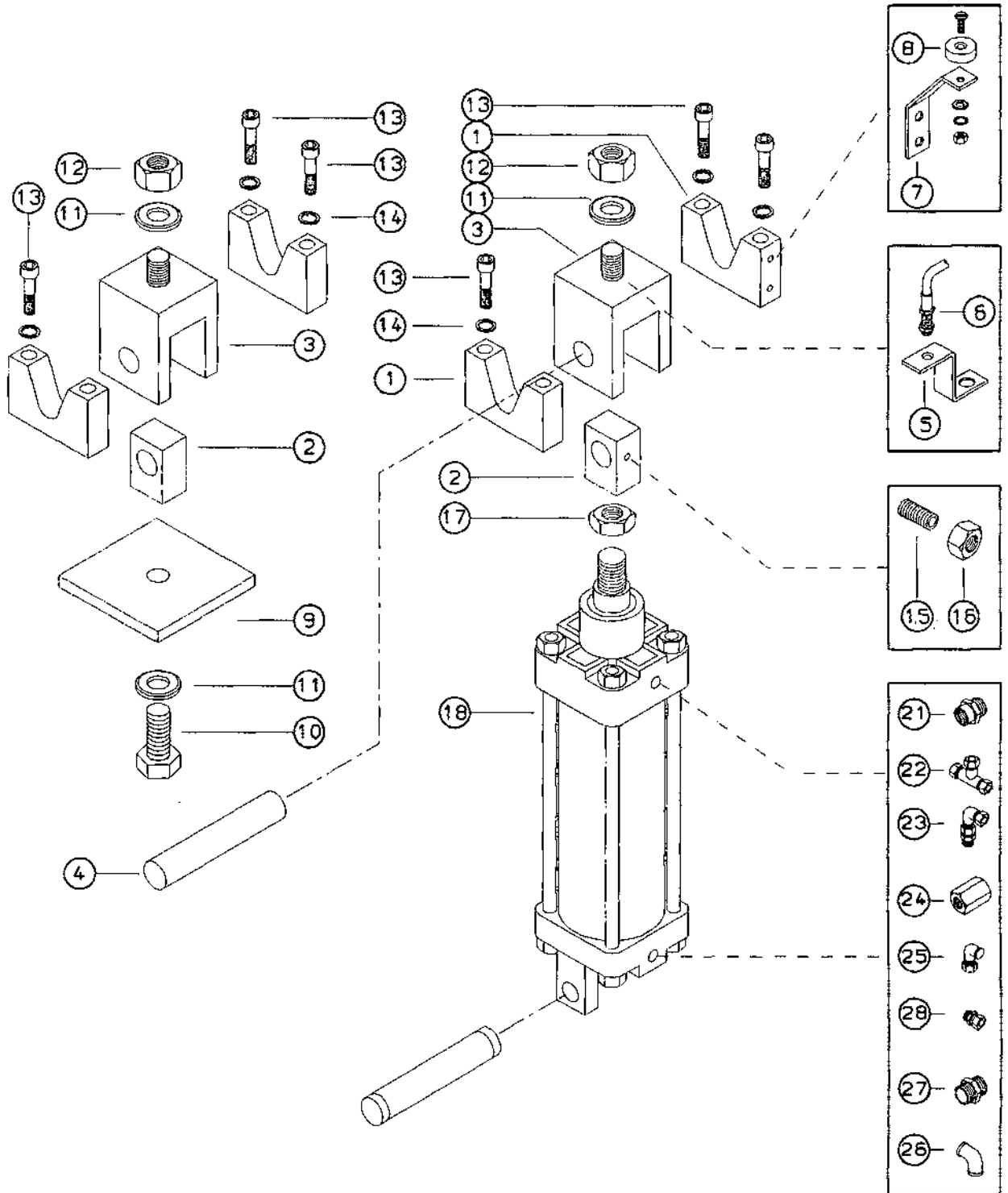


Type 733,735,745		Spare Parts List Pneumatic System		Page 9-34.1
Pos.	Part No.	Part Name	Description	Quant.
1	030 024	Nipple, Reducer	3/8"x1/4"	4
2	111 045	Union, Elbow	WE 8 LR 1/4"	16
3	111 059	Cylinder for Cable	DN63/Str. 500	1
		Repair Kit for Cylinder 111 059	Indic. serial no.	1
	111 600	Cylinder	DN40/Str. 1000	2
		Repair Kit for Cylinder 111 600	Indic. serial no.	1
4	111 112	Cylinder	DN63/Str. 320	1
		Repair Kit for Cylinder 111 112	Indic. serial no.	1
5	06 002	Hose	8x1 Nylon	1
6	111 104	Ring	8 L	1
7	111 029	Insert	VHS 8x1	
8	224 705-5	Cylinder	Brass	2
	028 087	Ring, Seal	32.92x3.53	2
	223 522-4	Piston		1
	028 088	Ring, Glide	32.0x0.85x3.55	2
9	111 061	Cylinder	DN40/Str. 100	2
		Repair Kit for Cylinder 111 061	Indic. serial no.	2

Type		Spare Parts List			Page
733,735,745		Pneumatic System			9-34.2
Pos.	Part No.	Part Name	Description	Quant.	
10	111 258	Valve, Steam	512/25/D885-1-2	1	
	111 259	Valve, Steam	512/40/D885-1-2	1	
		Repair Kit for Pos. 10 Set 9+6	Indic. serial no.	1	
11	111 062	Cylinder	DN40/Str. 150	1	
		Repair Kit for Cylinder 111 062	Indic. serial no.	1	
12	111 055	Tee	TE 8 LR 1/4"	4	
13	111 035	Union	GE 8 LR 1/4"	4	
14	111 279	Throttle	1/8" 4048004	9	
15	111 034	Union	GE 8 LLR 1/8"	7	
16	111 095	Tee	TE 8 LLR 1/8"	2	
17	111 063	Regulator, Air	MKL 08-H-MW	1	
18	030 070	Reducer	3/8"x1/4"	1	
19	111 233	Valve, Solenoid (1x)	115V/60Hz	9	
	111 149	Valve, Solenoid (1x)	230V/50Hz		
20	111 238	Battery, Valve Solenoid (8x)	115V/60Hz	1	
	111 237	Battery, Valve Solenoid (8x)	230V/50Hz	1	
	111 236	Battery, Valve Solenoid (4x)	115V/60Hz	1	
	111 235	Battery, Valve Solenoid (4x)	230V/50Hz	1	

Type 733,735,745		Spare Parts List Pneumatic System		Page 9-34.3
Pos.	Part No.	Part Name	Description	Quant.
21	111 103	Ring	8 LL	11
22	111 065	Throttle	DRV 08-1/4"	2
23	030 029	Nipple	1/4"x1/4" MS	2
24	030 001	Reducer	1/2"x1/4"	4
25	111 054	Union, Elbow	EVW 8 L	4
26	030 008	Elbow	90° 1/4"x1/4"	1
27	111 057	Cylinder	DN125/Str. 200	2
		Repair Kit for Cylinder 111 057		2
	111 700	Cylinder w. extended Ram	DN125/Str. 100	1
		Repair Kit for Cylinder 111 700	Indic. serial no.	1
28	111 067	Valve, Solenoid, Replacem. 111 795	26364-115V/ 60Hz	1
	111 795	Valve, Solenoid	5/3S9 581RFG 115V/60Hz	1
	111 066	Valve, Solenoid, Replacem.111 794	230V/50Hz	1
	111 794	Valve, Solenoid	5/3S9 581RFG 230V/50Hz	2
29	111 064	Valve, Throttle	DVE 08 1/4"	1
30	111 379	Valve, Solenoid	S8-382-1/4"- 24V 50/60Hz	1
31	111 378	Valve, Pneumatic	ARKV 25 PA 1X	1
32	022 076	Pipe, Ermeto	8 mm	1
33	111 060	Cylinder	DN63/Str.250	1
		Repair Kit for Cylinder 111 060	Indic. serial no.	

Type 733,735,745		Spare Parts List Pneumatic System		Page 9-34.4
Pos.	Part No.	Part Name	Description	Quant.
34	111 415	Cylinder w.o. By-pass Air (Type 733)	DN50/Str.60	1
		Repair Kit for Cylinder 111 415	Indic. serial no.	1
	111 240	Cylinder w.o. By-pass Air (Type 735,745)	DN63/Str. 150	1
		Repair Kit for Cylinder 111 240	Indic. serial no.	1
35	111 395	Glass for Water Strainer	MK08-PL 15204H	1
36	111 396	Glass for Oiler	ML08-08990	1
37	111 397	Glass, Sight		1
38	111 967	Valve, Solenoid	4/2 230V/50Hz	1
39	112 286	Valve, Solenoid	4/2 115V/60Hz	1
40	111 034	Union	GE 8 LLR 1/4	2
41	112 034	Muffler	1/8"	8
42	111 941	Screw, Hollow		1
43	028 160	O-Ring		1
44	028 287	Seal, Lip		1
45	112 304	Cylinder	DN25/Str.35	1
		Repair Kit for Cylinder 112 304	Indic. serial no.	1



Type 733,735,745		Spare Parts List Tilt Cylinder Assembly			Page 9-35.1
Pos.	Part No.	Part Name	Description	Quant.	
1	220 318-4	Bracket		8	
2	220 323-4	Eye		4	
3	220 322-3	Clevis w. Pin		4	
4	220 324-4	Pin, Guide		4	
5	223 136-4	Bracket for Magnetic Switch		1	
6	135 472	Switch, Magnetic		1	
7	223 135-4	Bracket, Magnet		1	
8	135 473	Magnet		1	
9	220 317-4	Plate, Clamping	100x120 mm	2	
10	020 180	Bolt, Hex	M27x3 50 long	2	
11	020 135	Washer, Tension	DIN 6796 28	8	
12	020 083	Nut, Hex	DIN 934 M27	4	
13	020 080	Screw, Socket Cap	DIN 912 M10x60	16	
14	020 081	Washer, Spring	DIN 127 10	16	
15	020 603	Screw, Set	DIN 915 M8x25	4	
16	020 037	Nut, Hex	DIN 934 M8	4	

Type 733,735,745		Spare Parts List Tilt Cylinder Assembly			Page 9-35.2
Pos.	Part No.	Part Name	Description	Quant.	
17	020 184	Nut, Hex DIN 934	M27x3	1	
18	111 700	Cylinder w. Extended Ram (Type 733)	DN125/Str. 100	2	
		Repair Kit for Cylinder 111 700	Indic. serial no.	1	
	111 057	Cylinder (Type 735,745)	DN125/Str. 200	2	
		Repair Kit for Cylinder 111 057	Indic. serial no.	1	
19					
20					
21	030 001	Reducer	1/2"-1/4"	2	
22	111 055	TE-Union	TE 8 LR	2	
23	111 054	Union, Elbow	EVW 8-PL	2	
24	111 065	Throttle	DRV 08 1/4	2	
25	111 045	Union, Elbow	WE 9 LR	1	
26	030 008	Elbow	1/4" 92	1	
27	030 029	Nipple	1/4" MS	2	
28	111 035	Union	GE 8 LR	1	

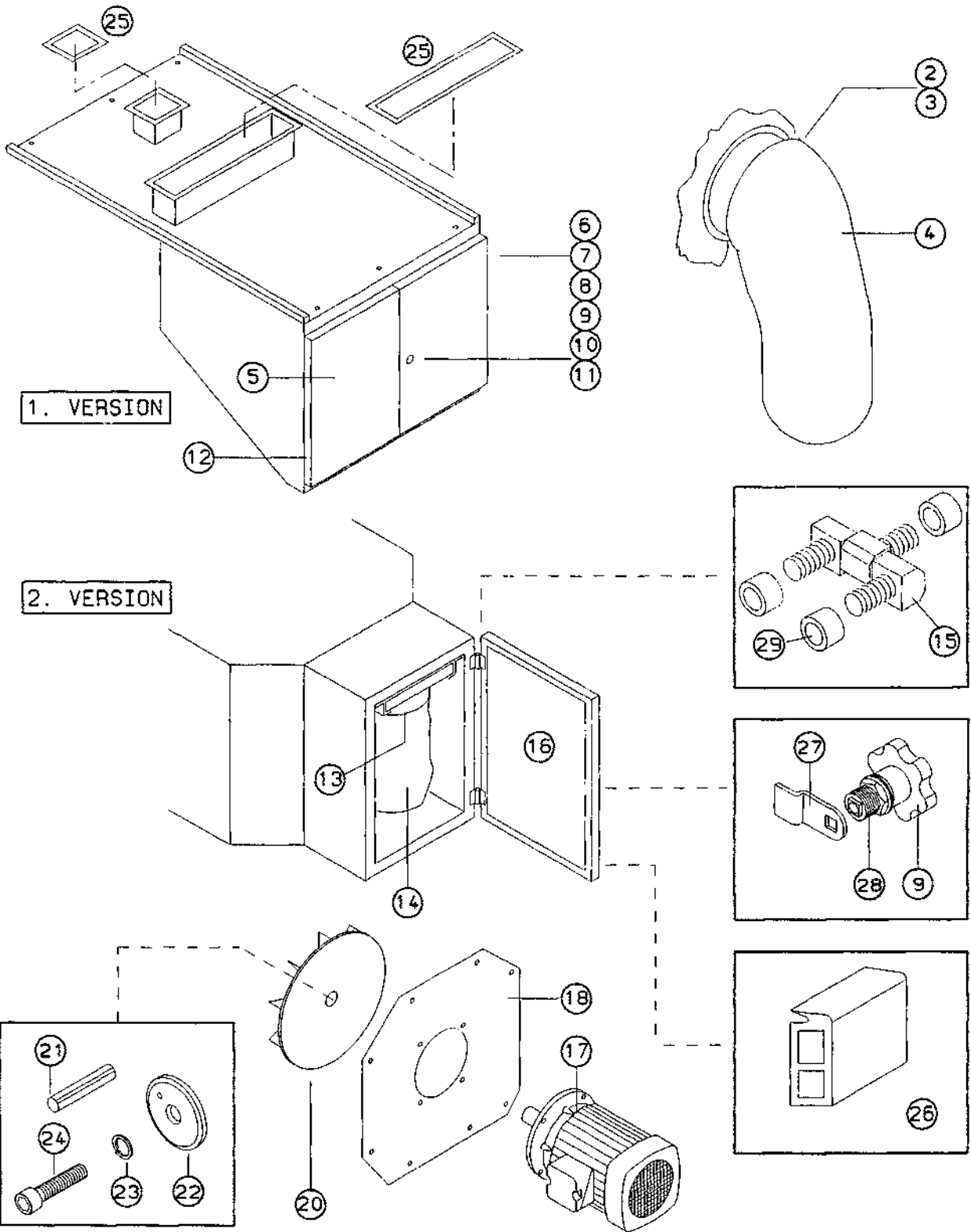
TYPE 733,735,745

LINT SUCTION

Page

1. AND 2. VERSION

9-36.0



Type 733,735,745		Spare Parts List Lint Suction 1. and 2. Version		Page 9-36.1
Pos.	Part No.	Part Name	Description	Quant.
1				
2	006 711	Chain, Tension	1,2 m	1
3	006 712	Lock, Tension		1
4	123 037-4	Bag, Lint, Replacem. 123 090-4		1
	123 090-4	Bag, Lint		1
5	223 277-4	Door, Lint Compartment - left		1
6	223 283-4	Door, Lint Compartment - right		1
7	223 288-4	Bar, Locking		2
8	121 061	Housing		1
9	121 059	Pin		1
	121 026	Handle, Star		
10	121 005	Bracket, Bar		1
11	121 062	Key		1
12	05 703	Seal, Door	2800 mm	1
13	226 295-5	Slide, Lint compl. with Bag		1
14	123 044-4	Bag, Lint, Replacem. 123 060-4		1
	123 060-4	Bag, Lint		1
15	121 075	Hinge, Replacem. 227 790-4		2
	227 790-4	Hinge		2
16	225 971-4	Door		1

Type 733,735,745		Spare Parts List Lint Suction 1. and 2. Version			Page 9-36.2
Pos.	Part No.	Part Name	Description	Quant.	
17		Flange Motor Indicate Voltage, Frequency and kW		1	
18	222 182-3	Plate		1	
19					
20	225 157-2	Wheel, Blower Radial	d = 440 60 Hz	1	
	225 081-2	Wheel, Blower Radial	d = 460 50 Hz	1	
21	020 106	Pin, Roll	DIN 1481 3x20	1	
22	223 713-4	Washer		1	
23	020 858	Washer, Spring	DIN 127 8.4	1	
24	020 588	Screw, Socket Cap	DIN 912 M8x70	1	
25	05 703	Seal (only tilt version)	APTK 231 black 2000 mm	1	
26	05 739	Seal for Door			
27	121 060	Tongue		1	
28	121 061	Housing		1	
29	226 756-4	Spacer for Hinge		2	

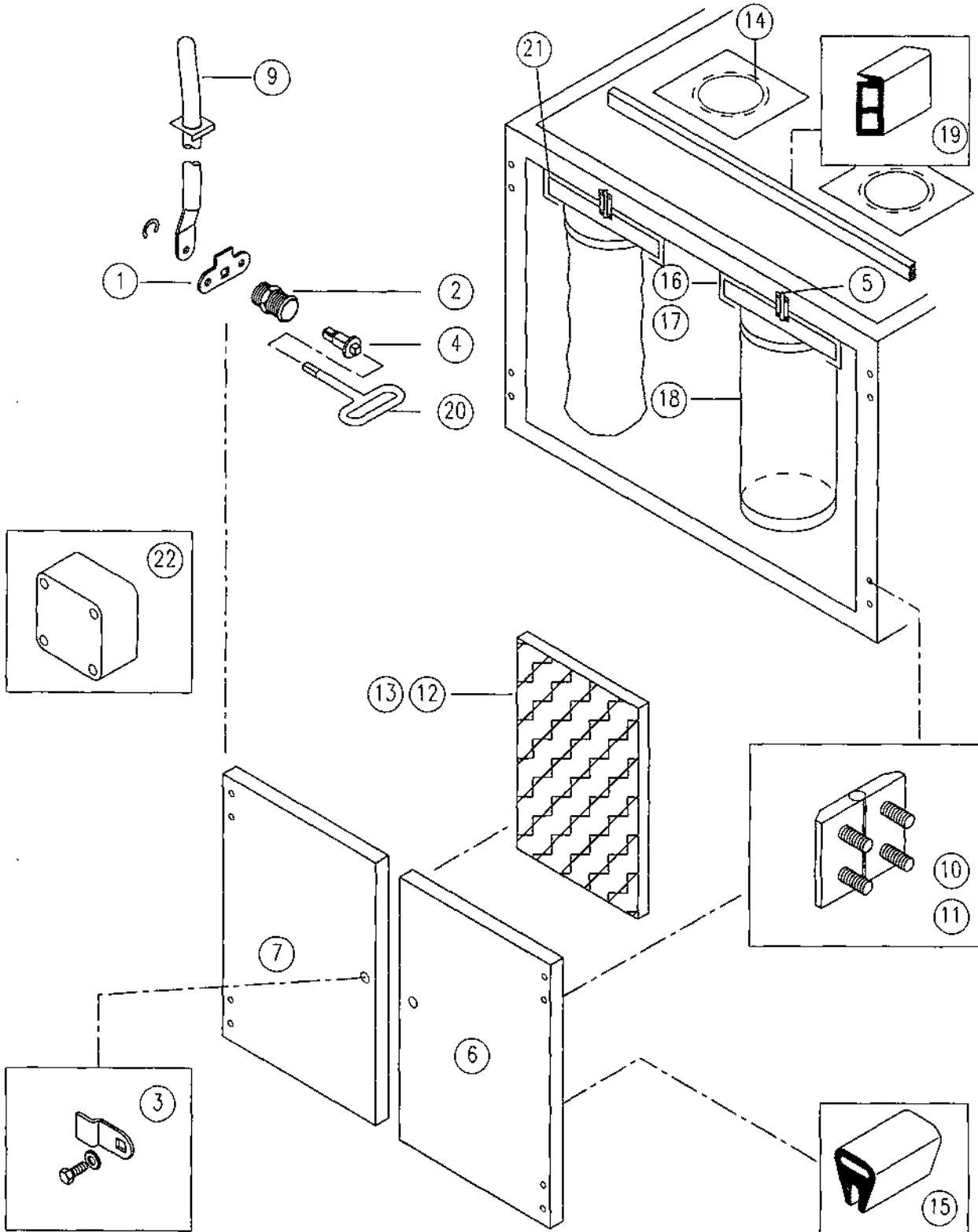
TYPE 733, 735, 745

LINT SUCTION

Page

3. VERSION

9-36.10



Type 733,735,745		Spare parts list Lint suction 3. Version		Page 9-36.11
Pos.	Part No.	Part Name	Description	Quant.
1	121 005	Bracket, bar (Type 735,745)		1
2	121 061	Housing (Type 733)		1
	121 061	Housing (Type 735,745)		1
3	121 060	Tongue (Type 733)		2
4	121 138	Key (Type 733)		1
	121 138	Key (Type 735,745)		1
5	121 187	Bracket Replacement 121 206 (Type 733)		1
	121 206	Lock, tension		
	121 187	Bracket Replacement 121 206 (Type 735,745)		2
	121 206	Lock, tension		
6	236 472-4	Door (Type 733)		1
	236 157-4	Door, right (Type 735,745)		1
7	236 156-2	Door left (Type 735,745)		1
8				
9	121 189-4	Bar with eye (Type 735,745)		2
10	121 183	Hinge, blot-on (Type 733)		2
	121 183	Hinge, blot-on (Type 735,745)		4
11	237 815-4	Spacer, hinge (Type 733)		6
	237 815-4	Spacer, hinge (Type 735,745)		12
12	236 436-4	Insulation, lint door right (Type 733)	15x435x815	1
	236 154-4	Insulation, lint door right (Type 735,745)	15x455x900	1
13	236 153--	Insulation, lint door left (Type 735,745)	15x455x900	1
14	123 002	Felt on slide		1

Type 733,735,745		Spare parts list Lint suction 3. Version			Page 9-36.12
Pos.	Part No.	Part Name	Description	Quant.	
15	005 739	Profile, seal (Type 733,735,745)	2,5 m	/door	
16	236 371-3	Holder, bag		1	
	229 590-3	Holder, bag		2	
17	121 195-4	Clamp, tension (Type 733)		2	
	121 172	Clamp, tension (Type 735,745)		4	
18	123 055-4	Bag, lint (Type 733) Replacement 123 060-4		1	
	123 060-4	Bag, lint		1	
	123 068-4	Tube, lint steam (Type 733)		1	
	123 087-4	Tube, lint gas (Type 733)		2	
	123 095-4	Tube, lint steam (Type 733)	SS webbing	1	
	123 100-4	Tube, lint gas (Type 733)	SS webbing	1	
	123 055-4	Bag, lint, Replacement 123 060-4(Type 735)		2	
	123 060-4	Bag, lint		2	
	123 073-4	Tube, lint steam (Type 735,745)		2	
	123 085-4	Tube, lint gas (Type 735,745)		2	
	123 094-4	Tube, lint steam (Type 735,745)	SS webbing	2	
	123 092-4	Tube, lint gas (Type 735,745)	SS webbing	2	
	123 065-4	Bag, lint (Type 745)		2	
19	005 738	Profile, seal (Type 733,735,745)	2,6 m	/door	
20	121 139	Key, square		1	
21	025 028	Clip, safety DIN 6799		2	

Type		Spare parts list			Page
733,735,745		Lint suction			9-36.13
		3. Version			
Pos.	Part No.	Part Name	Description	Quant.	
22	135 986	Switch, pressure vacuum	DL3A 0,3-3mbar 50 Hz	1	
	135 999	Switch, pressure vacuum	DL3A 0,3-3mbar 60Hz	1	

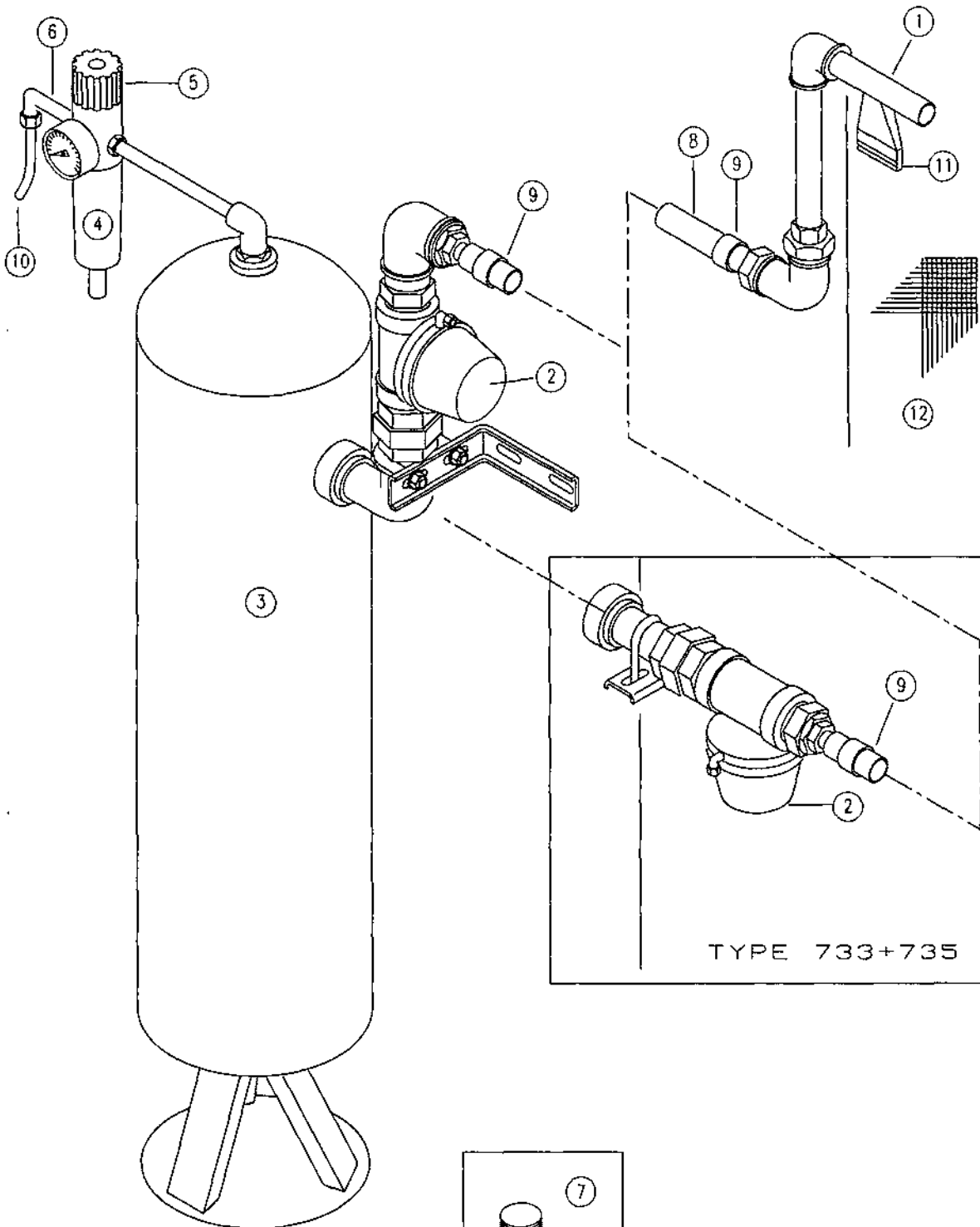
Type 733, 735, 745

CENTRAL LINT SUCTION (OPTION)

Page

BLOW-OUT DEVICE

9-37.0



Type 733,735,745		Spare parts list Central lint suction (Option) Blow-out device			Page 9-37.1
Pos.	Part No.	Part name	Description	Quant.	
1	275 981-4	Blow pipe (Type 733)	26.9x2.65x750	1	
	275 988-4	Blow pipe (Type 735)	26.9x2.65x1278	1	
	275 988-4	Blow pipe (Type 745)	26.9x2.65x1278	1	
2	113 129	Valve	ARKV-40NG PD 07757	1	
3	113 127-4	Compressed air tank	192 714 H037-01231912 30L, 16 bar	1	
4	113 175	Filter-regulator	SK-1/4 HX PB 45749-008	1	
5	121 386	Lock with key	PL 17127	1	
6	113 097	Manometer for filter regulator	D=50/0-10 bar	1	
7	111 068	Plug	VSTI R 1/2-ED	1	
8	006 129	Industrial hose	EPDM Horizon 200TM 3/4" 200PSI	1	
9	121 119	Hose clamp DIN 3017	016-25/9	2	
10	006 002	Hose	Pa-Natur	1	
11	116 151	Jet	R 3/4" Alu-Flach	n.b.	
12	275 983-2	Lint screen (Type 733)	Gewebe fein	1	
	275 991-2	Lint screen (Type 735)	Gewebe fein	1	
	275 994-2	Lint screen (Type 745)	Gewebe fein	1	

Type 733,735,745		Spare Parts List Lint Suction 3. Version			Page 9-37.2
Pos.	Part No.	Part Name	Description	Quant.	
15	005 739	Profile, Seal (Type 733,735,745)	2,5 m	/door	
16	236 371-3	Holder, Bag (Type 733)		1	
	229 590-3	Holder, Bag (Type 735,745)		2	
17	121 195-4	Washer, Tension (Type 733)		2	
	121 172	Clamp (Type 735,745)		4	
18	123 055-4	Bag, Lint, Replacem. 123 060-4 (Type 733)		1	
	123 060-4	Bag, Lint		1	
	123 068-4	Tube, Lint Steam (Type 733)		1	
	123 087-4	Tube, Lint Gas (Type 733)		2	
	123 095-4	Tube, Lint Steam (Type 733)	SS-Mesh	1	
	123 100-4	Tube, Lint Gas (Type 733)	SS-Mesh	1	
	123 055-4	Bag, Lint, Replacem. 123 060-4 (Type 735)		2	
	123 060-4	Bag, Lint		2	
	123 073-4	Tube, Lint Steam (Type 735,745)		2	
	123 085-4	Tube, Lint Gas (Type 735,745)		2	
	123 094-4	Tube, Lint Steam (Type 735,745)	SS-Mesh	2	
	123 092-4	Tube, Lint Gas (Type 735,745)	SS-Mesh	2	
	123 065-4	Bag, Lint (Type 745)		2	
19	005 738	Seal, Profile (Type 733,735,745)	2,6 m	/door	
20	121 139	Key, Square		1	
21	025 028	Clip, Safety DIN 6799		2	

Type 733,735,745		Spare Parts List Lint Suction 3. Version			Page 9-37.3
Pos.	Part No.	Part Name		Description	Quant.
21	135 986	Switch, Pressure Vacuum	50 Hz	DL3A 0,3-3mbar	1
	135 999	Switch, Pressure Vacuum	60 Hz	DL3A 0,3-3mbar	1

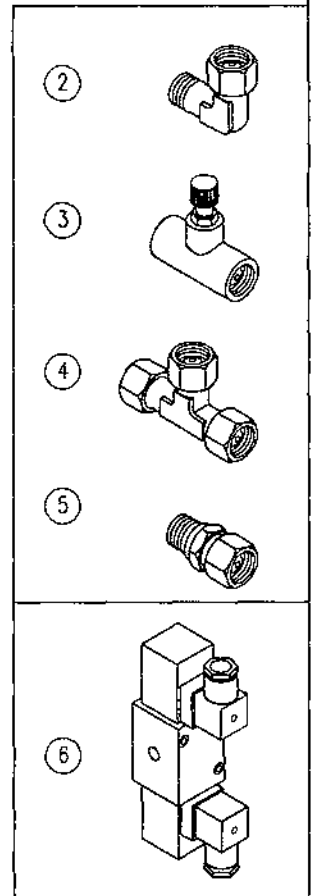
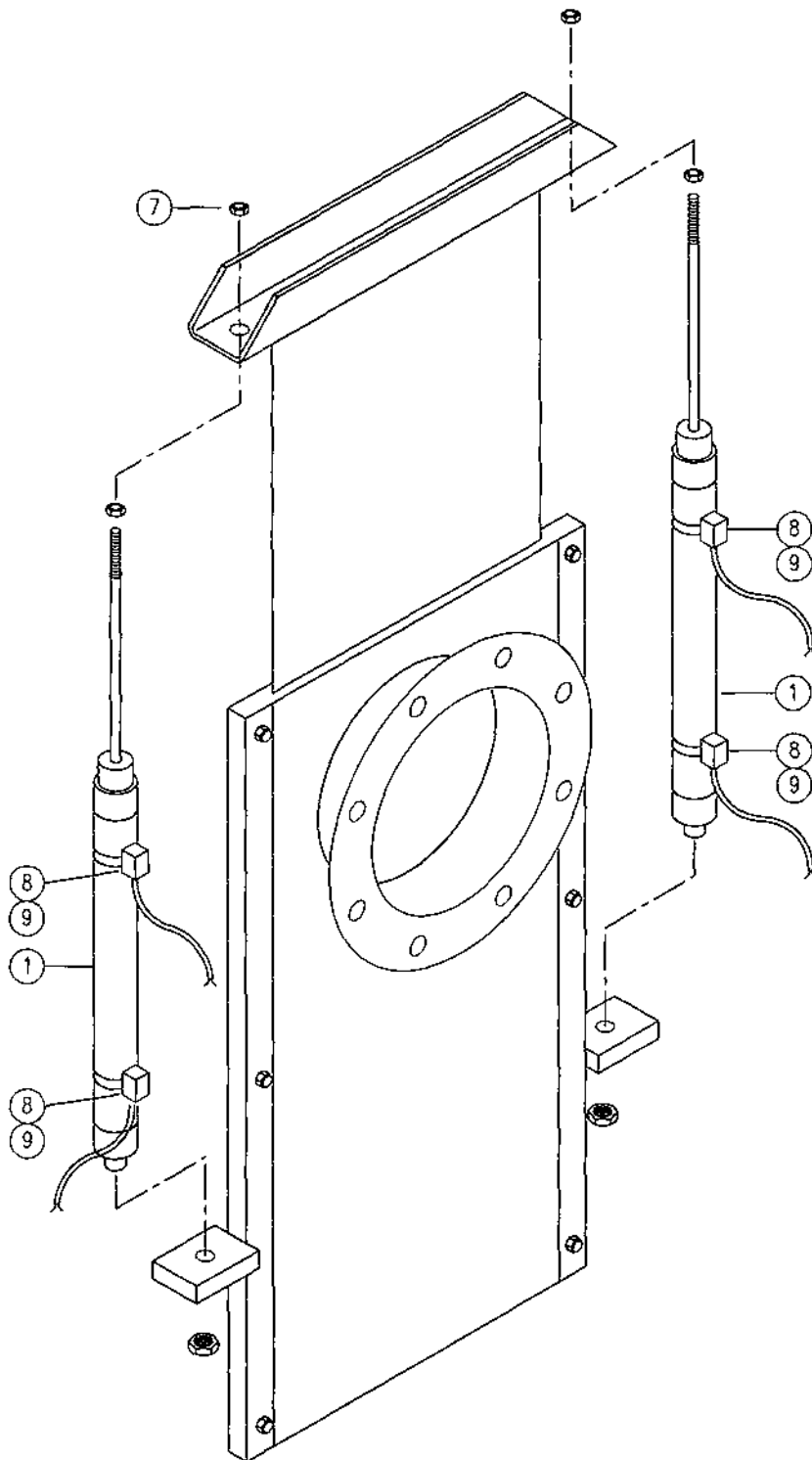
Type 733, 735, 745

CENTRAL LINT SUCION (OPTION)

Page

SHUT-OFF GATE VALVE

9-37.10



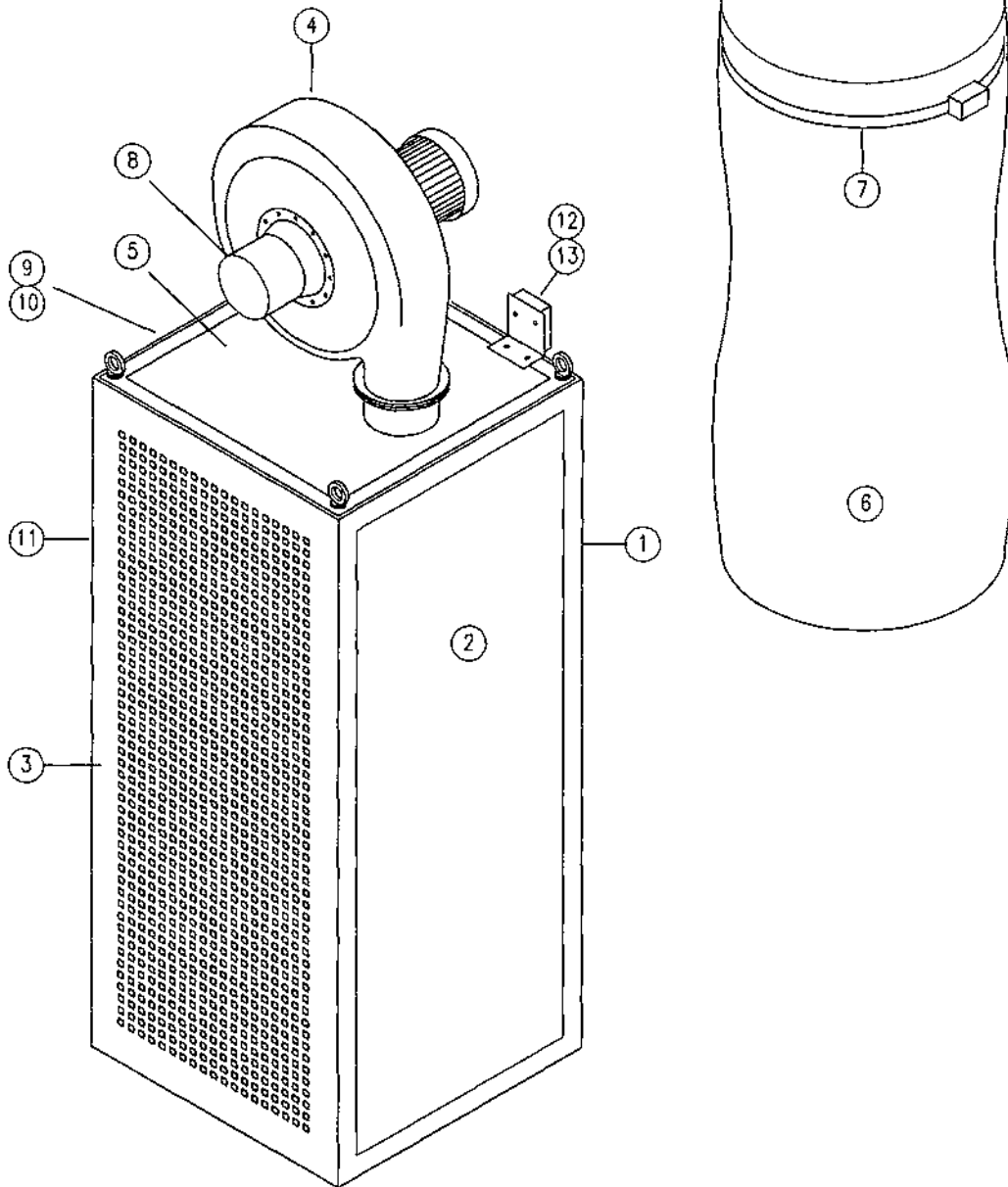
Type 733, 735, 745		Spare parts list Central lint suction (Option) Shut-off gate valve		Page 9-37.11
Pos.	Part No.	Part Name	Description	Quant.
1	113 128	Air cylinder	DN20x180 Hub R6020/0180, PA 67490-180	2
2	112 483	Fitting	W E 8 R 1/8 Steck 0-16 bar, drehbar	4
3	112 022	Tee-insert	TS800 KX5217 T8-8-8	2
4	111 065	Check valve with throttle	DRV 8 1/4"	2
5	112 481	Fitting	GE 8 R 1/4" steck 0-16 bar	4
6	111 233	Magnetic valve 3/2	115V / 60Hz,	2
	111 149	Magnetic valve 3/2	230V / 50Hz	2
7	020 037	Hex nut	DIN 934 M8	4
8	138 154	Magnetic switch	mit 5m Kabel KL 3045	4
9	138 168	Clamping band	KC 8362	4

Type 733, 735, 745

CENTRAL LINT SUCTION (OPTION)
LINT ENCLOSURE

Page

9-37.20



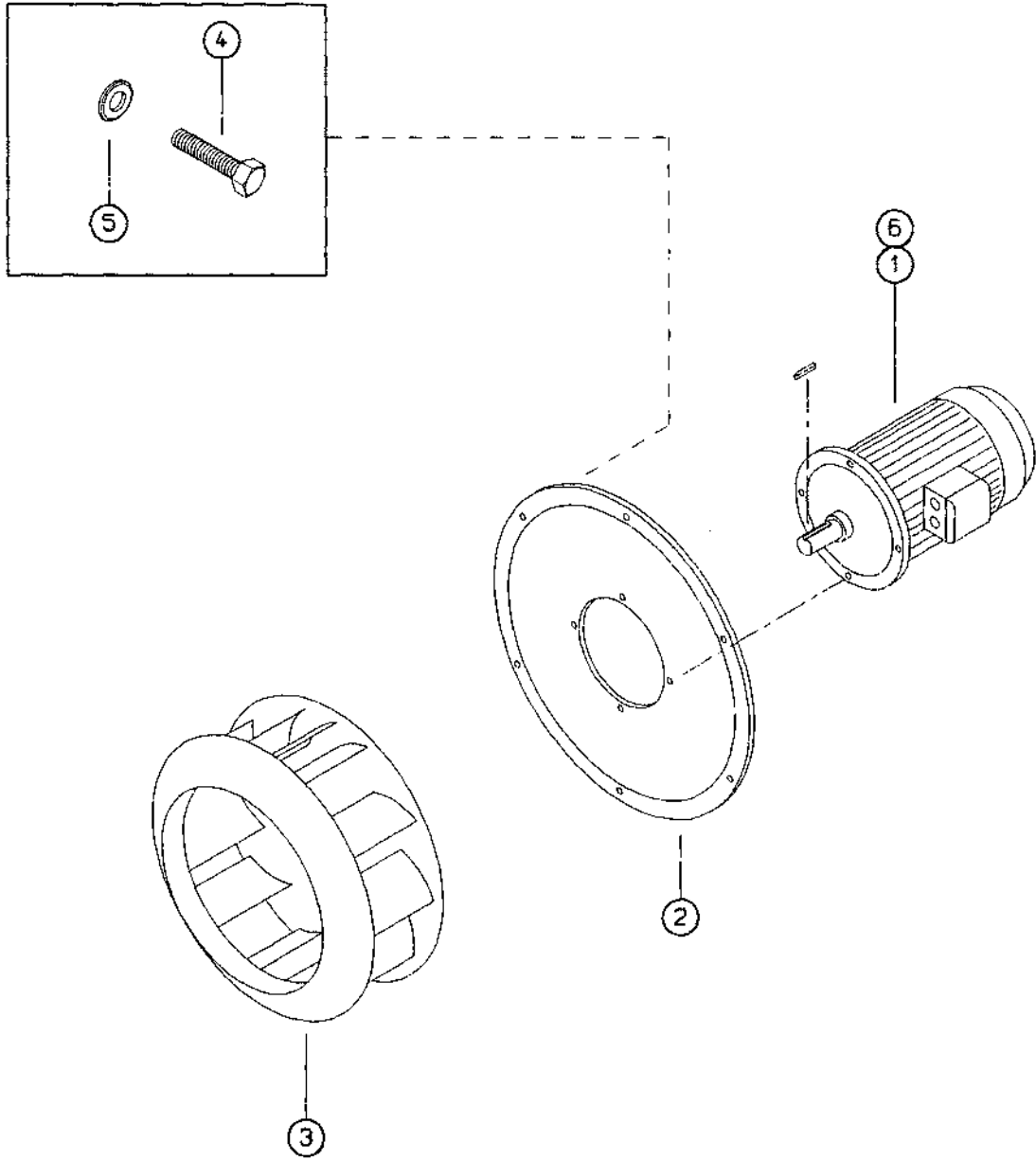
Type		Spare parts list		Page
733,735,745		Central lint suction (Option)		9-37.21
		Lint enclosure		
Pos.	Part No.	Part Name	Description	Quant.
1	136 583	Control cabinet	TS 8 800x2000x800	1
2	136 584	Side panels	2000x800	2
3	275 799-2	Rear wall pattern		1
4		Suction fan	Ind. Serial no.	1
5	275 800-2	Flange for lint bag mounting	Type 705	1
6	123 128-3	Filter bag for suction	2000x680	1
7	010 841	Tightening belt with lock	DIN 60060 4000x25	1
8	276 519-4	Connection duct		1
9	123 017	Felt strip	4x75x4900	1
10	008 002	Cement Be	Weiss	3
11	276 327--	Filter sheet	MON PES 200 690x1900	1
12	276 394-4	Limit switch bracket	Type 748	1
13	135 483	Safety switch	AZ 15 ZVRK-M16	1

TYPE 733,735,745

BLOWER ASSEMBLY

Page

9-38.0



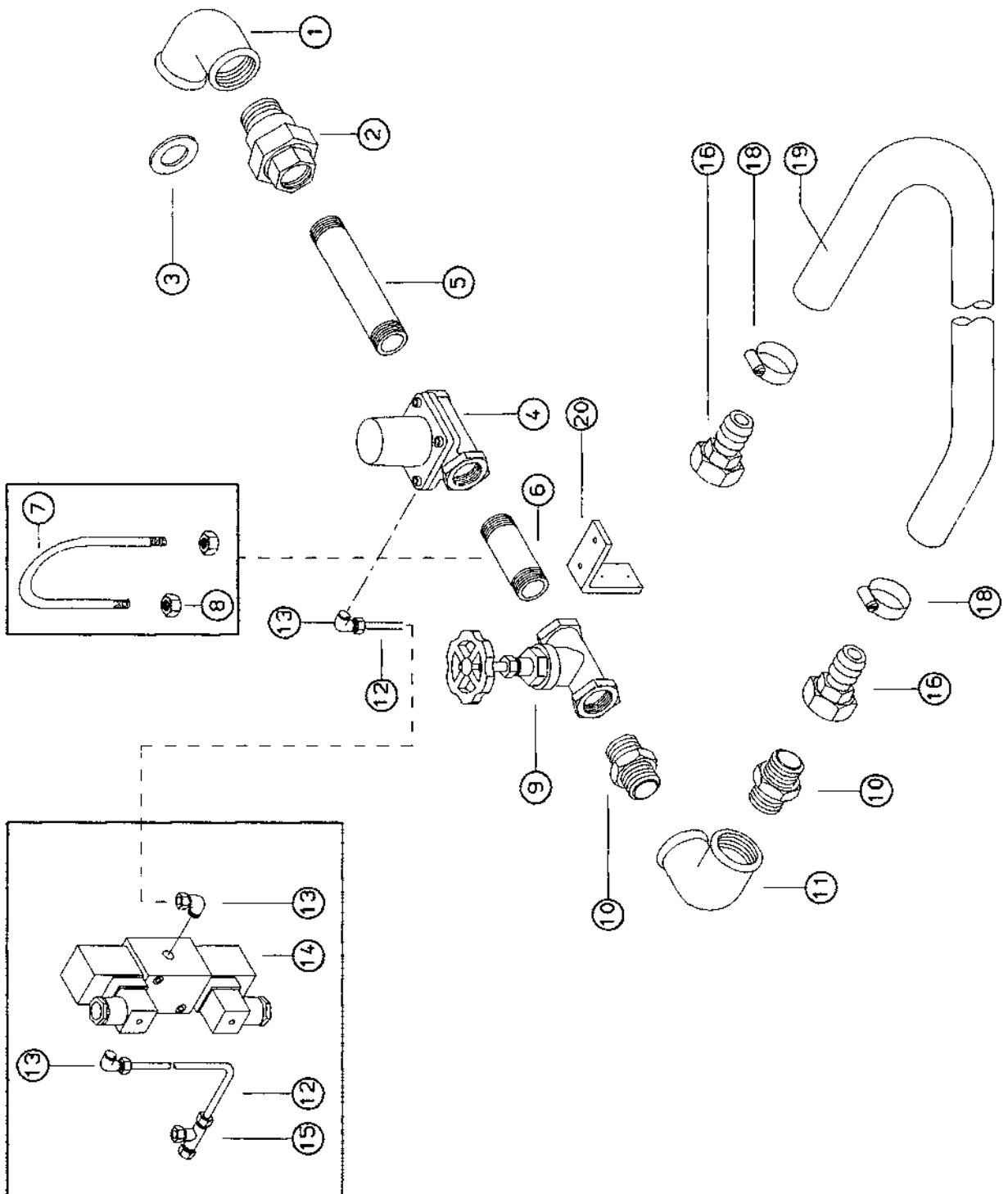
Type		Spare Parts List		Page
733,735,745		Blower Assembly		9-38.1
Pos.	Part No.	Part Name	Description	Quant.
1		Motor, Flange Indicate Voltage, Frequency and kW		1
2		Flange		1
3		Wheel, Blower	Indic. serial no.	1
4		Nut, Hex		6
5		Washer, Tension		6
6		Blower compl. Indicate Voltage, Frequency and kW		1

TYPE 733, 735, 745

SPRINKLER ASSEMBLY

Page

9-39.0



Type		Spare Parts List		Page
733,735,745		Sprinkler Assembly		9-39.1
Pos.	Part No.	Part Name	Description	Quant.
1	030 095	Union, Elbow	90°	1
2	030 111	Fitting		1
3	028 118	Seal	d = 44x33	1
4	111 378	Valve, Pneumatic	ARV 25 PAIX	1
5	030 158	Bushing	150 mm long	1
6	030 160	Bushing	80 mm long	1
7	020 742	U-Bolt	M6	1
8	020 036	Nut, Hex	DIN 934 M6	2
9	111 320	Valve	1" ND16	1
10	030 108	Nipple, Hex	1"	2
11	030 157	Elbow	1" 90°	1
12	002 276	Ermeto-Pipe	8x1 3m	1
13	111 049	Coupling, Elbow	WE 8 LR	3
14	111 379	Valve, Solenoid	58-382 1/4" 24 V-50/60 Hz	1
15	111 052	Coupling, Tee	8 L	1
16	030 165	Fitting, Hose	27 1"	2
17				
18	121 049	Clamp, Hose	1"	2
19	06 035	Hose, Universal	25x5.5x1500 20 bar	1
20	224 455-4	Bracket, Sprinkler		1