

UNITY & UNITY+

SPARE PARTS MANUAL



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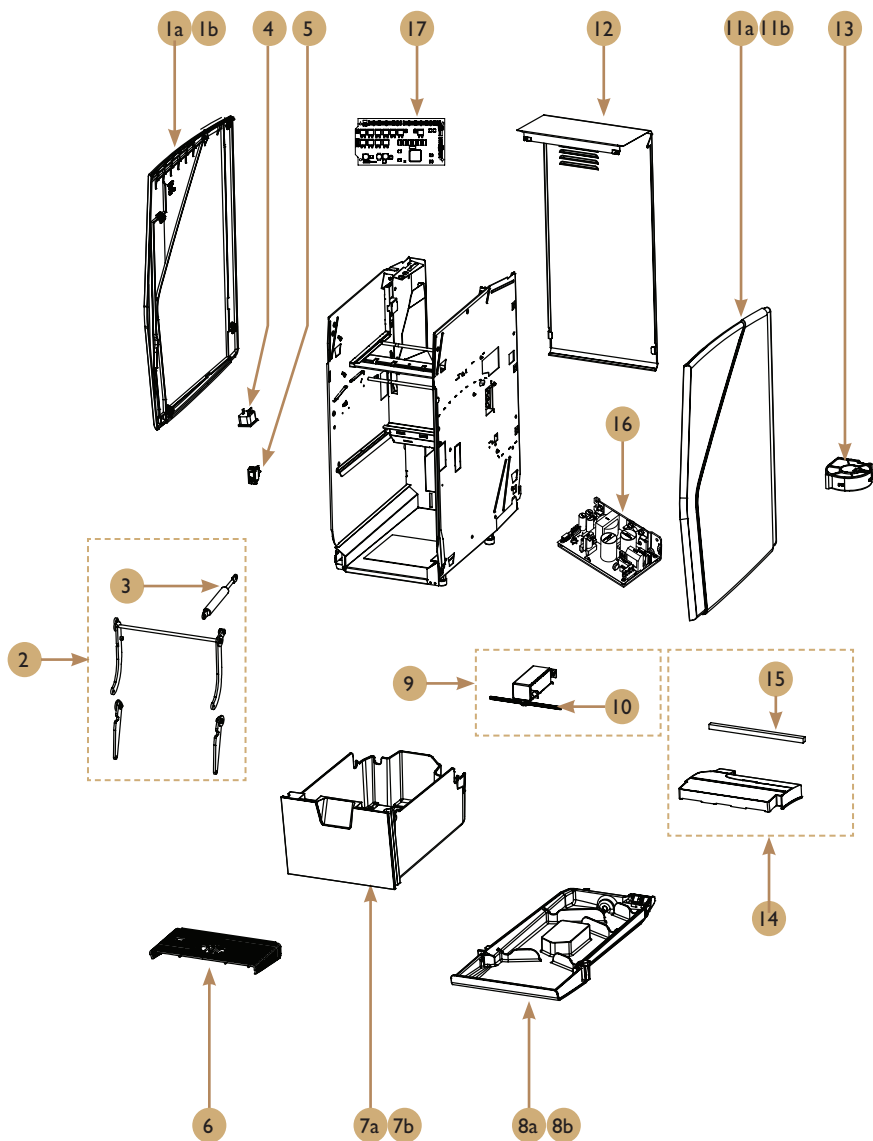
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Rev. #	Date	TSB#	Description
01	May 8, 2019	None	First draft released for initial review by Crem Technical Dept.
02	May 10, 2019	None	Add additional PNs for new assemblies.
03	May 15, 2019	None	Release for Service Dept. review.
04	May 16, 2019	None	Modify per Service Dept. comments.
05	May 20, 2019	None	Add additional PNs for new assemblies.
06	May 29, 2019	None	Modify for improved readability, release for general use.
07	June 06, 2019	None	Add additional PNs for cleaning agents and service kits.
08	June 12, 2019	None	Update PN for Brewer Cleaning Tablets.
09			
10			

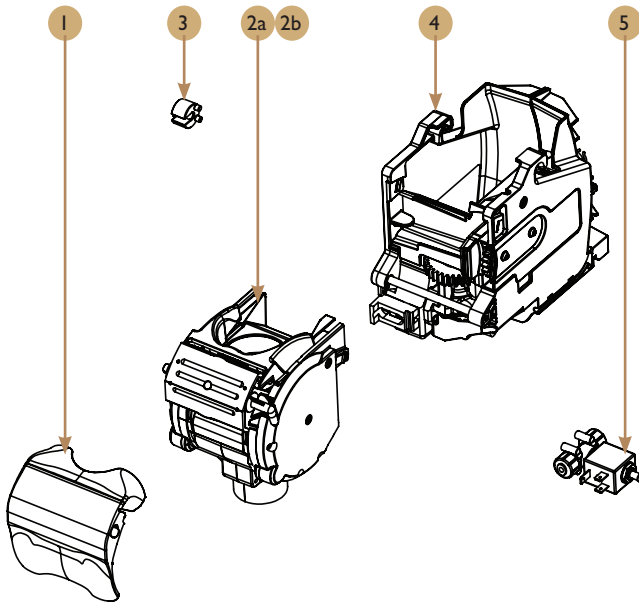
Exploded view



Spare parts list

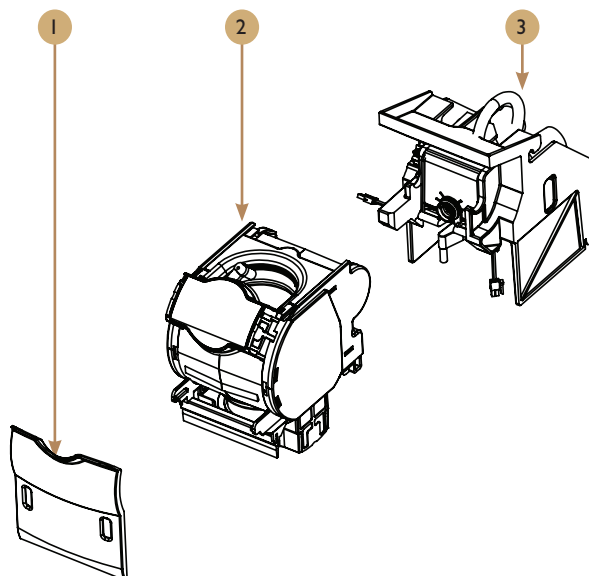
Pos.	Part No.	Description
1a	10038424	CFAS_Sidepanel_LH
1b	10035487	CFA_Sidepanel_Structure_LH
2	10038427	CFAS_Swing_Door_Links
3	6165029	Gas_Spring_170N
4	6165105	Main_Power_Socket_EU
5	10036411	Rocker-switch_2P-16A-250VAC
6	10034955	CFA_Drip_Tray_Cover_3split
7a	10038428	CFAS_Waste_Bin_Silver
7b	10038434	CFAS_Waste_Bin_Black
8a	10038432	CFAS_drip_tray_silver
8b	10038435	CFAS_Drip_Tray_Black
9	10038433	CFAS_Coffe-cake-distributor
10	10013764	Spring_Digging_Wheel_Rework
11a	10038440	CFAS_Sidepanel_RH
11b	10035464	CFA_Sidepanel_Structure_RH
12	10034879	FA_Backpanel_210
13	10037495	Fan_24V_2800RPM_with_Connector
14	10038441	CFAS_Airchannel_3split_ASM
15	10035353	CFA_Airchannel_Filter_3split
16	10033331	Power_supply_100W_24V_4A_10A-15A
17	10023292	PCBA_IO_medium_arm7

Exploded view & spare parts list



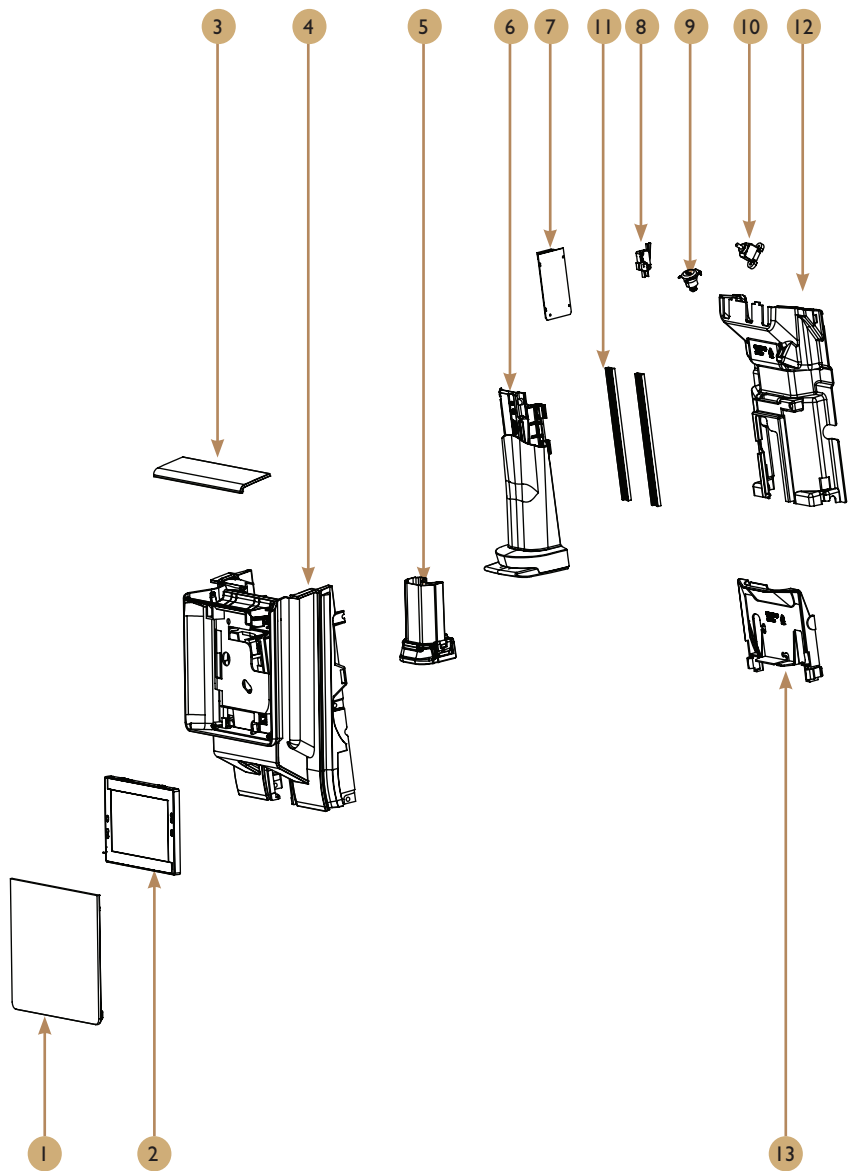
Pos.	Part No.	Description
1	I0034259	Base_Cap_ES_Brewer
2a	I0035361	Espresso_Brewer_18g
2b	I0017985	Espresso_Brewer_14g
3	I0024020	Fixation_ES_Drive
4	I0036964	Espresso_Drive
5	I0035293	3_2_Way_Valve_D4_D4_24V_5bar
Not shown	I0037119	18g Espresso Brewer Service Kit
Not shown	I0034490	14g Espresso Brewer Service Kit

Exploded view & spare parts list



Pos.	Part No.	Description
1	10011149	Cover_Monobrewer
2	10011080	Mono_Brewer_SL_Coffee
3	10009360	Drive_Mono_Brewer
4	10037318	BTB Monobrewer Service Kit

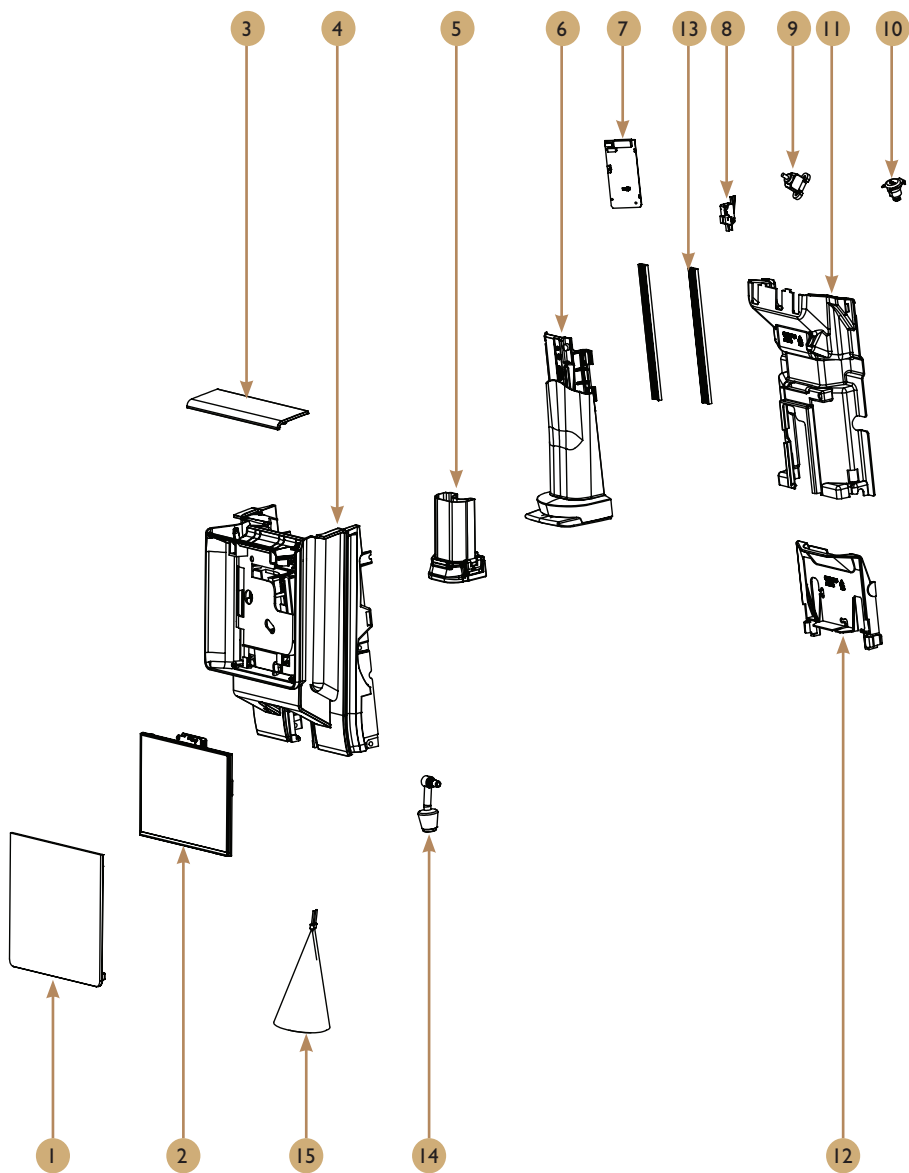
Exploded view



Spare parts list

Pos.	Part No.	Description
1	I0038467	CFAS_STUM-pane_Glued_ASM
2	I0032970	Stum_XXL
3	I0038468	CFAS_Top_Cover
4	I0038469	CFAS_Door_Frame
5	I0038470	CFAS_Outlet_Chamber_Single
6	I0038423	CFAS_Nozzle_Drive_ASM
7	I0036916	PCB_Double-cupdispenser
8	I60841	Micro_Switch_Honeywell
9	I0010801	Lock_A081
10	I0037544	USB_AM_to_AF_PM
11	I0035317	Lgus_Linear-guide_Drylin-N
12	I0035480	FA_Door_Backcover
13	I0037304	CFA_Pipe_Routing_Cover

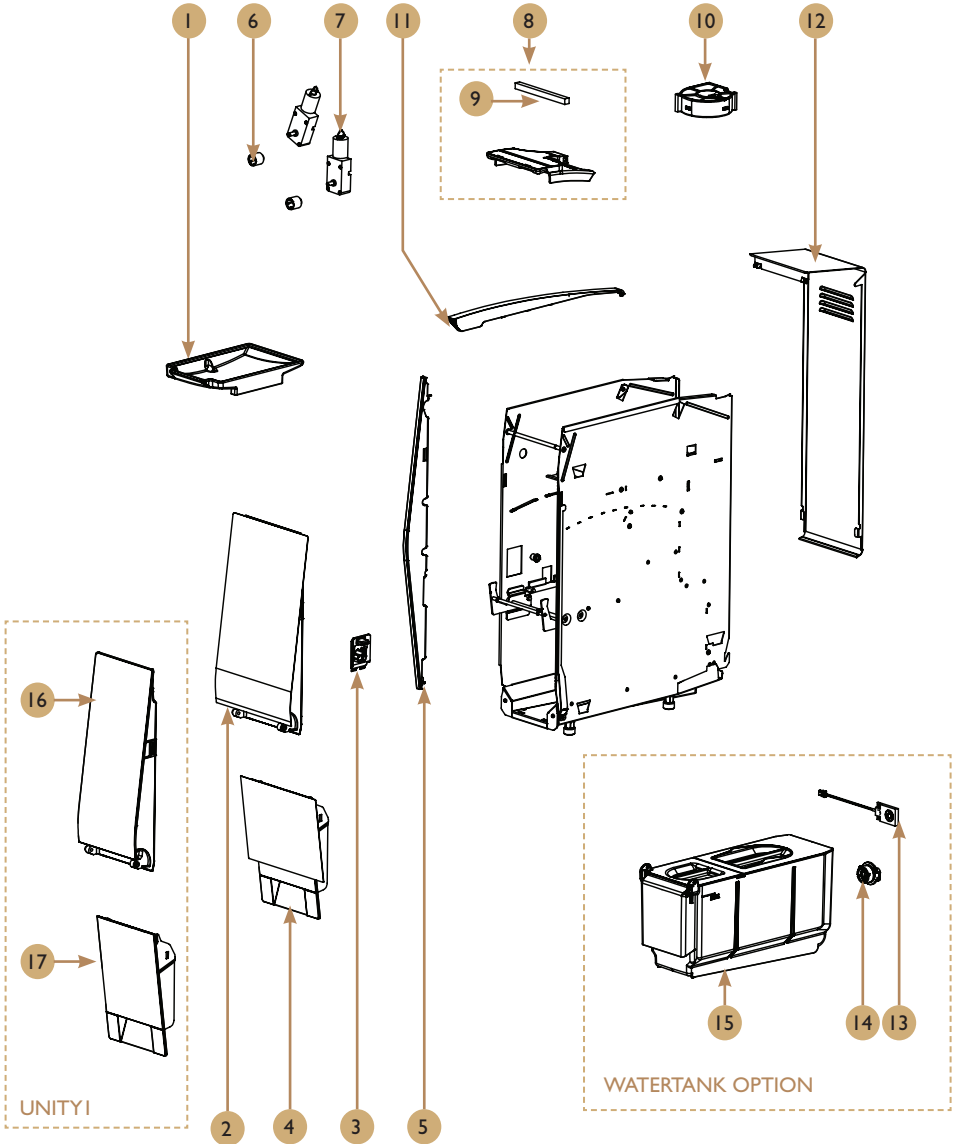
Exploded view



Spare parts list

Pos.	Part No.	Description
1	I0038418	CFAS_STUM-pane_Glued_10inch
2	I0036174	STUMXXL_10,1inch_PreASM
3	I0038419	CFAS_Door_Top_Cover
4	I0038420	CFAS_Door_Frame
5	I0038422	CFAS_Outlet_Chamber_Duble
6	I0038423	CFAS_Nozzle_Drive_ASM
7	I0036916	PCB_Double-cupdispenser
8	I60841	Micro_Switch_Honeywell
9	I0037544	USB_AM_to_AF_PM
10	I0010801	Lock_A081
11	I0035480	FA_Door_Backcover
12	I0037304	CFA_Pipe_Routing_Cover
13	I0035317	Lgus_Linear-guide_Drylin-N
14	I0038421	CFAS_Hot_Water_Nozzle
15	I0035765	CTCFA_Hotwater_sensor

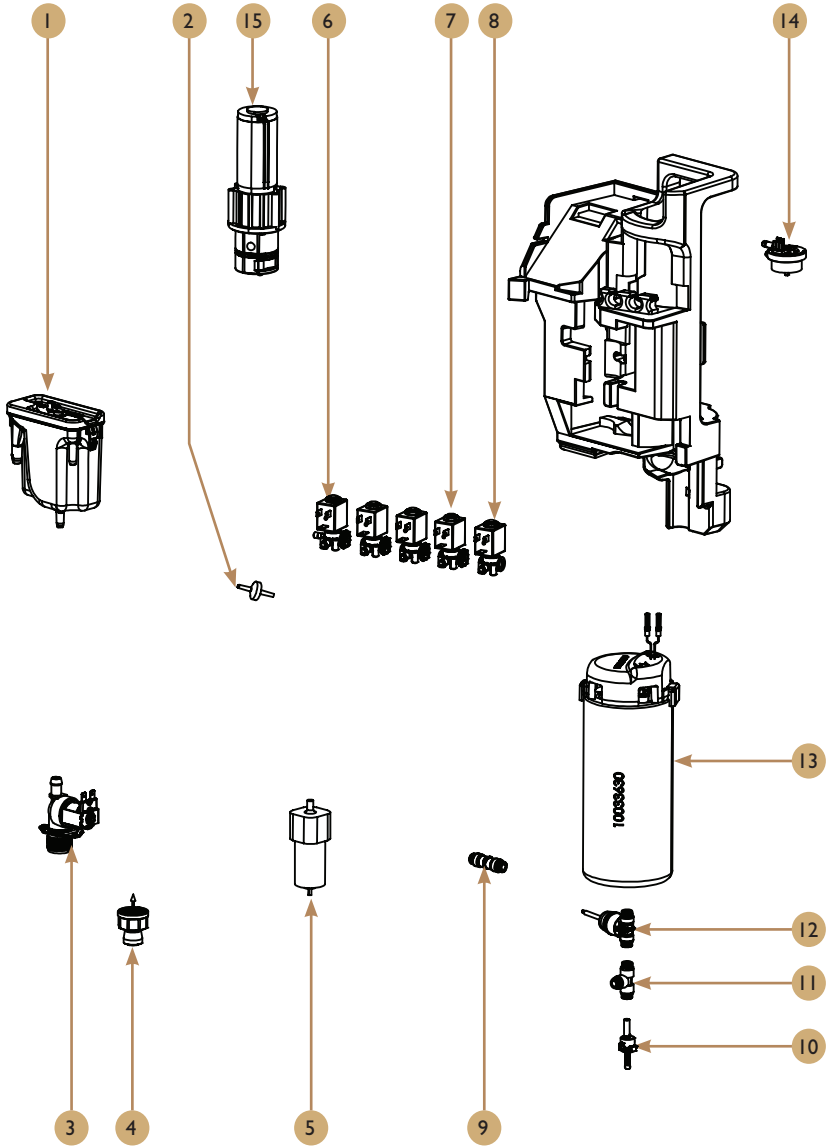
Exploded view



Spare parts list

Pos.	Part No.	Description
1	I0036464	Mixer_Drip_Tray_2split
2	I0038443	CFAS_up_Door_UnityI_Plus
3	I0036128	IN-Door_Fixation_LH
4	I0038444	CFAS_Down_Door_UnityI_Plus
5	I0034985	Connecting_Profil_CFA
6	KKC31286	Clutch_Container
7	86132	Gear_Motor
8	I0038445	CFAS_Airchannel_2split_ASM
9	I0035530	CFA_Airchannel_Filter_2split
10	I0037495	Fan_24V_2800RPM_with_Connector
11	I0035807	Connecting_Profile_Top_CFA
12	I0034886	CFA_Backpanel_I40_IN
13	I0036445	Capacitive_Sensor
14	I0038446	CFAS_Water_Distributor_Single
15	I0038447	CFAS_2spl_Watertank_ASM
16	I0038448	CFAS_Door_ASM_2split_IN
17	I0035013	FA_Glass_Front

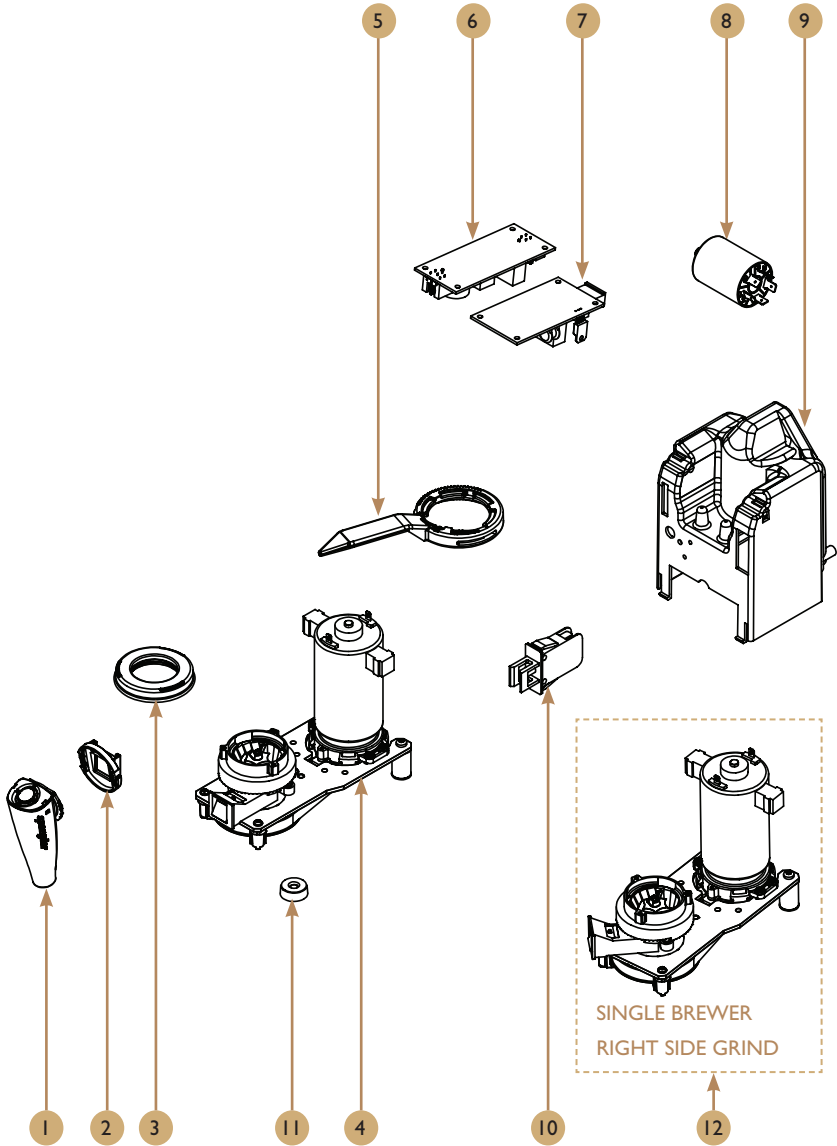
Exploded view



Spare parts list

Pos.	Part No.	Description
1	I0032718	Air-Break_PSL
2	I0034099	Check_Valve_Mono
3	I206371	Inlet_Valve
4	I0024116	Adapter_3/4_8mm
5	I0036747	Air_Pump_KPM36B-24A
6	I0037305	Inlet_Chain_Valve
7	I0037306	Middle_Chain_Valve
8	I0036713	End_Chain_Valve
9	I0024695	Check_Valve_D6_D6
10	I0024356	OPV_14bar
11	I0021981	T-connector_D6
12	I0036443	Pressure_Sensor_with_Connector
13	----	See "BOILERS" for spare parts availability
14	I0024761	Flowmeter_Digmesa
15	I0031228	Gear_pump_ES

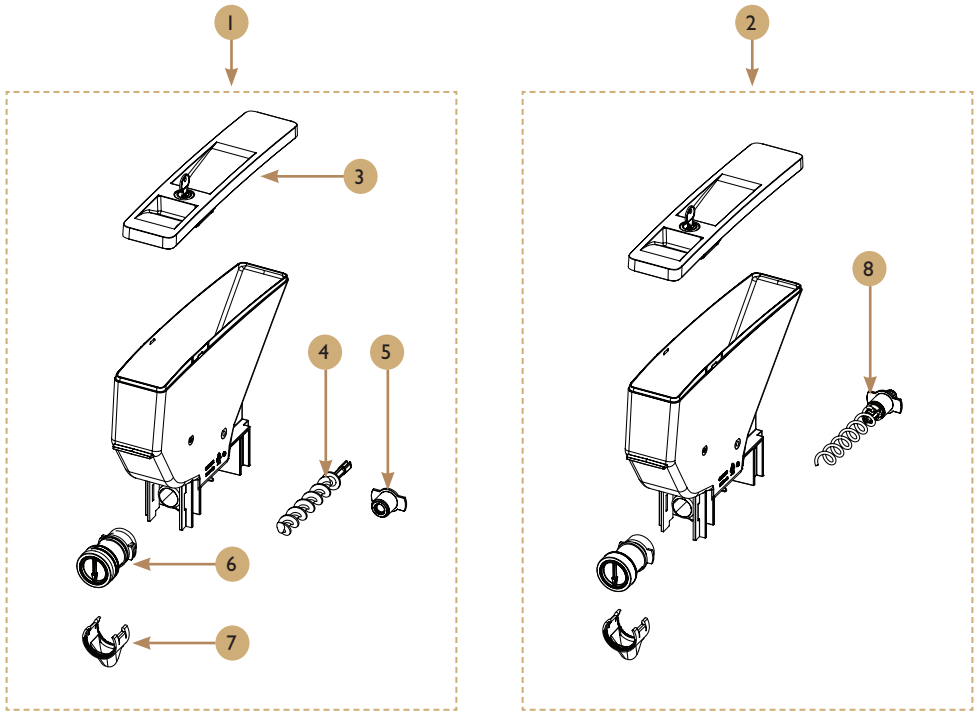
Exploded view



Spare parts list

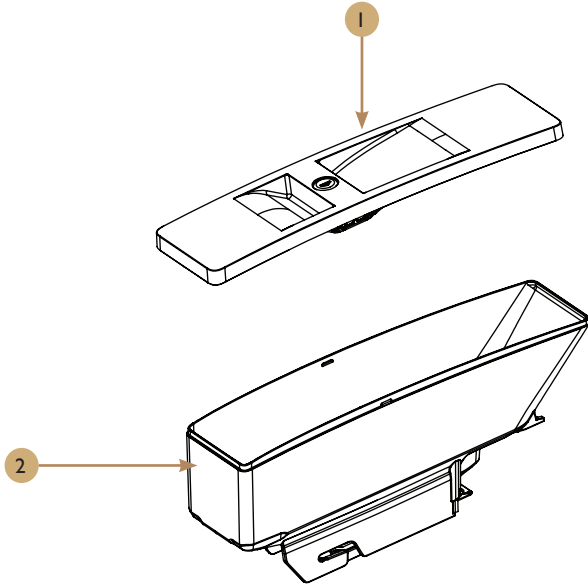
Pos.	Part No.	Description
1	I003I032	Grinder_Outlet_PSL
2	I0024973	Outlet_Adapter_PSL
3	I0037334	Soft_Ring_Grinder
4	I0023917	Mill_Etzinger_ASM_RH
5	I0035474	Grinder_Adjustment_Lever_CFA
6	I0027557	PCBA_Grinder_EK-7_75627
7	I0027497	PCBA_Boiler_Relay_75626
8	I0033216	Line_Filter
9	I0035425	Motor_Cover_with_Sensor
10	40.00.028.0	Security_Switch
11	I0033062	Buffer_Grinder_PSLI000
12	I0023918	Mill_Etzinger_ASM_RL

Exploded view & spare parts list



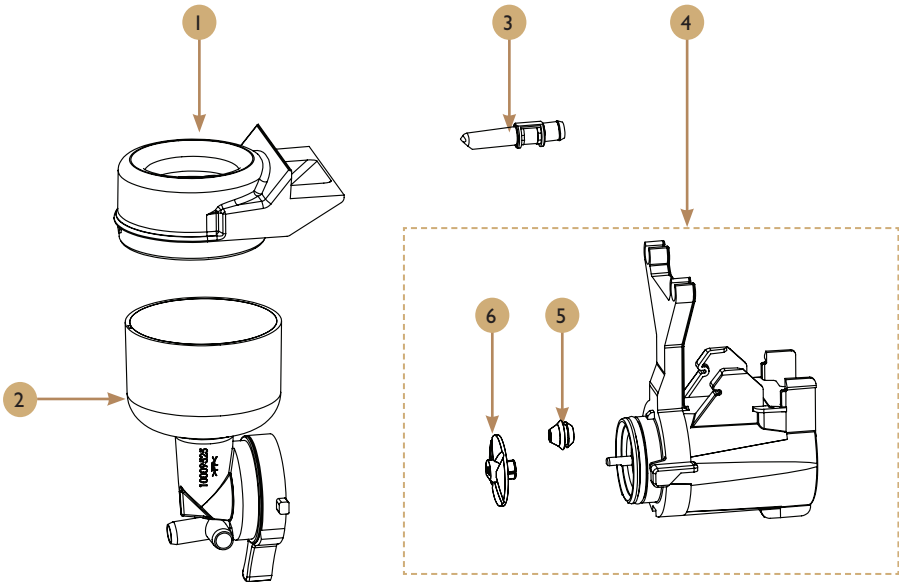
Pos.	Part No.	Description
1	I0038459	CFAS_IN_Container_Topping_ASM
2	I0038460	CFAS_IN_Container_Cacao_ASM
3	I0038461	CFAS_Container-lock-cover
4	I0005842	Charging_Screw_Rect
5	I0005816	Bearing_Sleeve
6	I0038463	CFAS_Closing_Sleeve_Outlet
7	I0009609	Funnel_FB_Short
8	I0038466	CFAS_Wire_Spiral_ASM

Exploded view & spare parts list



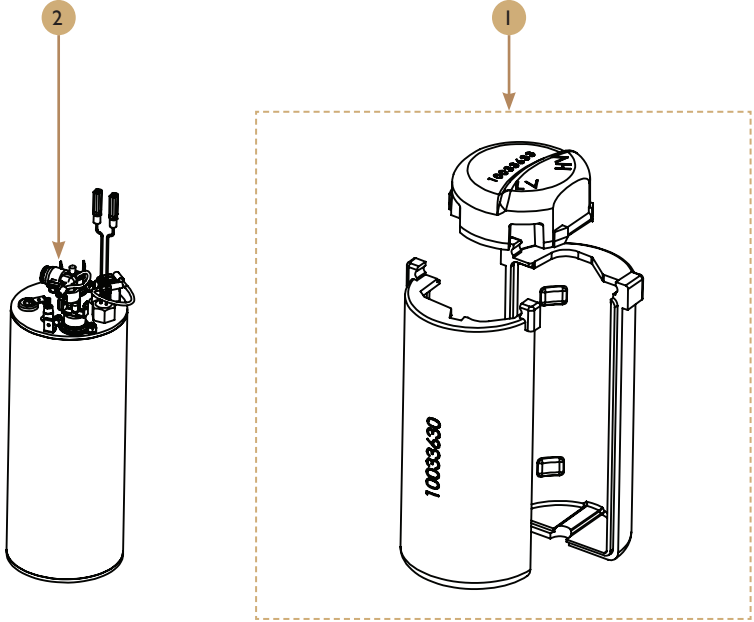
Pos.	Part No.	Description
1	I0038457	CFAS_Bean_Container_ASM
2	I0038458	CFAS_Bean_Container_Hopper_ASM

Exploded view & spare parts list



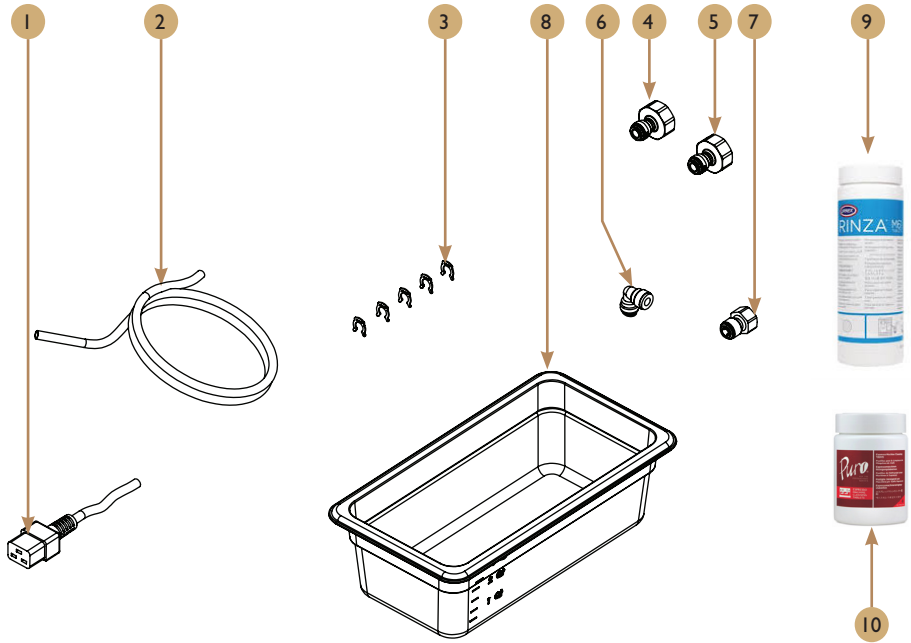
Pos.	Part No.	Description
1	I0005670	Mixing_Bowl_Cover
2	I003845I	CFAS_Mixer_Bowl_Outlet_Middle
3	I0009290	Inlet_Tube_Mixer
4	I0011038	Mixer_Bracket_ASM
5	I0010714	V_Ring_Mixer_Gasket
6	8468I	Mixer_Wheel

Exploded view & spare parts list



Pos.	Part No.	Description
1	10038456	CFAS_Boiler
2	10038455	CFAS_Boiler_Cover

Exploded view & spare parts list



Pos.	Part No.	Description
1	10023977	KBPSL_Power_Cord_C19
2	10023957	Tube_PE_5_16inch_JG
3	1104533	Locking_Clip_5_16
4	1860085	Connector_Female1-2_Tube_8
5	1860084	Connector_Female3-4_Tube_8
6	1104578	Elbow_Connector_5-16-5-16
7	10023966	Adapter_3/8BSP-8mm
8	6165275	Flush_Bin
9	2060024	FMU Milk System Cleaning Tablets (RINZA M61)
10	10037458	Brewer Cleaning Tablets (Puro)

Spare parts list

Pos.	Part No.	Description
1	I0024116	Adapter PTFE Tube 8 G3/4
2	I104539	Elbow Connector PTFE Tube 8 STEM 8
3	53.00.082.0	Connector Silicone 6 G1/8
4	I0021979	Elbow Connector PTFE Tube 6 G1/8
5	I0021981	T_Connector D6-D6-D6
6	I0036831	T_Connector D6-D6-D4
7	I0021980	Elbow Connector D6-D6
8	I801135	Connector Silicone Tube 6 STEM 8
9	C30600032	Elbow Connector PTFE Tube 6 STEM 8
10	C30600027	Connector D4-D4 Pannel
11	I0024942	T-Connector Silicone Tube D4-D4-D4
12	C30600028	Elbow Connector PTFE Tube 4 STEM 4
13	I860086	Connector PTFE Tube 4 1/4BSP
14	I860087	Connector PTFE Tube 10 1/4BSP
15	I860032	Connector Silicone Tube 8 STEM 10
16	I0037435	Silicone Tube Da 9mm Di 5mm
17	C35021016	PTFE Tube Da 4mm Di 2mm
18	C35021015	PTFE Tube Da 6mm Di 4mm
19	I505172	Silicone Tube Da 6mm Di 3mm
20	I0036280	Silicone Tube Da 10mm Di 6mm
21	I0023957	PTFE Tube Da 8mm Di 6mm
22	I561009	Braided Silicone Tube Da 15.5mm Di 9.5mm
23	I50501	Silicone Tube Da 12mm Di 8mm
24	C35021030	Silicone Tube Da 10mm Di 6mm

Spare parts list

Part No.	Description	FMU	Instant	Unity Plus		Unity		Water tank	Only for Spare parts
				ES18-BTB	ES18	ES14-BTB	ES14		
I0035750	CTCFA_High-Voltage_Main			I	I	I	I		
I0035751	CTCFA_Low-Voltage_Main			I	I	I	I		
I0035752	CTCFA_High-Voltage_Grinder_Ma			I	I	I	I		
I0035753	CTCFA_Low-Voltage_Grinder_Main			I	I	I	I		
I0035754	CTCFA_High-Voltage_WS_Main			I	I	I	I		
I0035756	CTCFA_Low-Voltage_Main-Door					I	I		
I0035757	CTCFA_High-Voltage_FMU	I							
I0035758	CTCFA_Low-Voltage_Main-IN		I						
I0035759	CTCFA_Low-Voltage_Main_FMU	I							
I0035760	CTCFA_Low_Voltage_Mono_Brewer			I		I			
I0035761	CTCFA_Low-Voltage_IN_Option							(I)	
I0035762	CTCFA Low-Door_Nozzle								(I)
I0035764	CTCFA_IO_ESPRESSO_I2Pin				I		I		
I0035765	CTCFA_Low_Hotwater_Sensor								(I)
I0035766	CTCFA_Low_MDB			(I)	(I)	(I)	(I)		
I0035767	CTCFA_Low_Main-Door_10inch			I	I				

UNITY & UNITY+ FMU

SPARE PARTS MANUAL

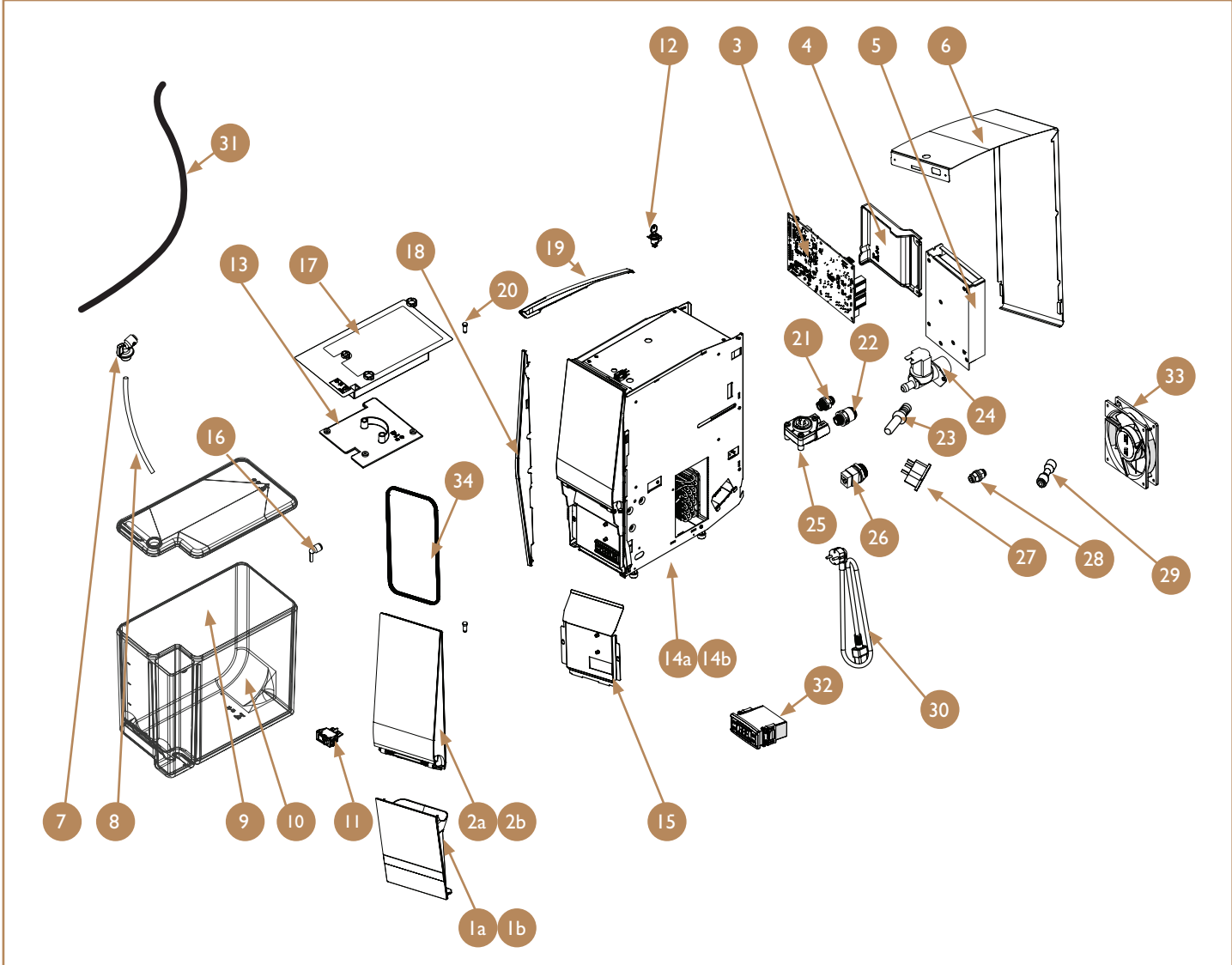


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MANUAL REVISIONS

Rev. #	Date	TSB#	Description
01	May 8, 2019	None	First draft released for initial review by Crem Technical Dept.
02	May 10, 2019	None	Add additional PNs for new assemblies.
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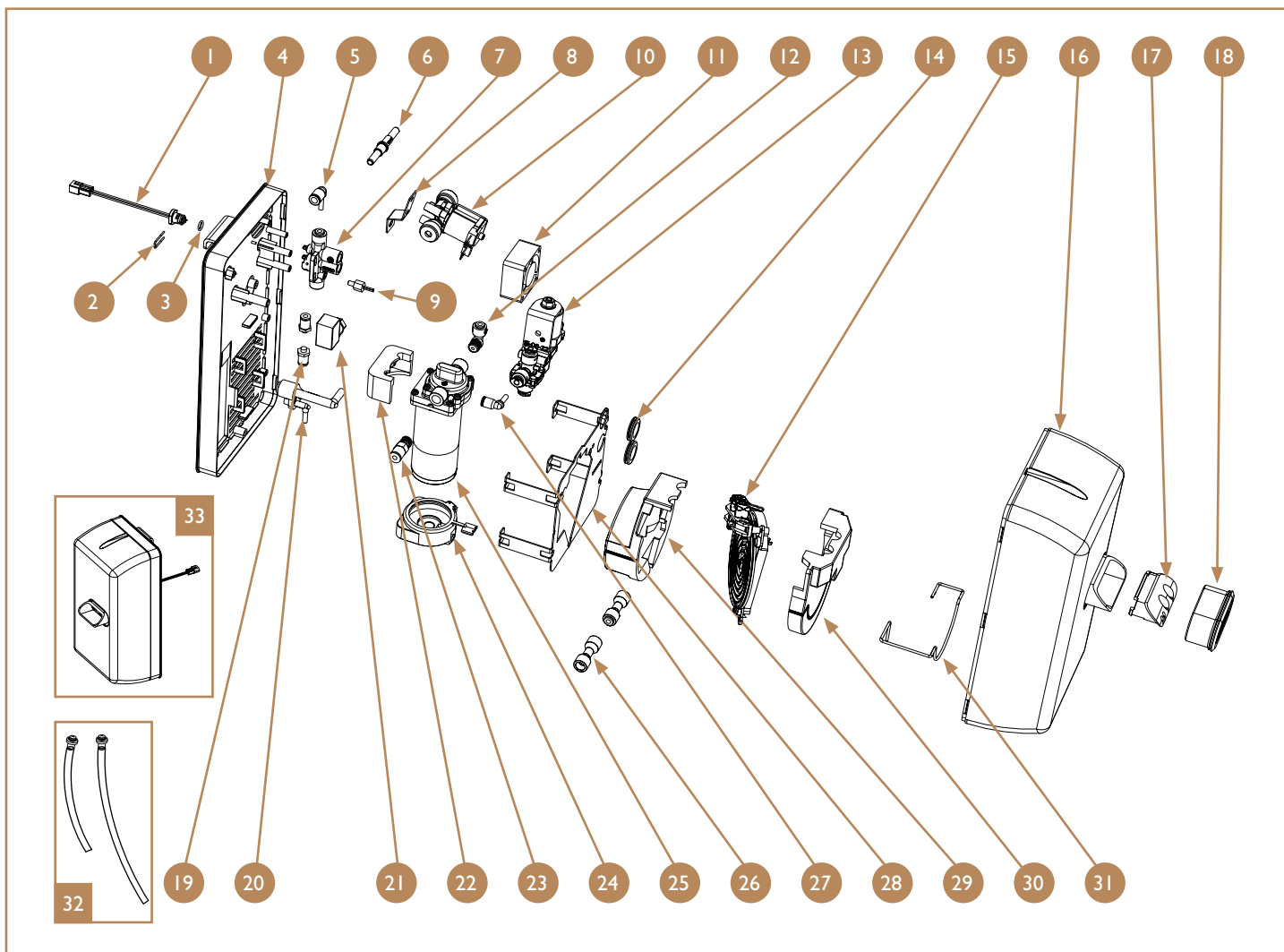
Exploded view



Spare parts list

POS.	Part No.	Description
1a	10038475	CFAS_Lower_Door_Assy_FMU
1b	10038476	CFAS_Lower_Door_FMU_silver
2a	10038473	CFAS_FMU_Door_Assm
2b	10038474	CFAS_FMU_Door_Assm_silver
3	1660164	PCB
4	1264583	PCB Protection Cover
5	1660147	Power Supply 150W Meanwell
6	10035506	FA_Backpanel_FMU
7	1264560	Dip Tube Support
8	1364115	Dip Tube
9	1264567	Milk Container Lid
10	1264566	Milk Container Body
11	10036411	Rocker-switch_2P-16A-250VAC
12	10010801	Lock_A081
13	1264562	Rolling System Tube Cover
14a	10037108	CFA_FMU_Assy_Indel_B
14b	10038481	CFA_FMU_Assy_Indel_B_Silver
15	10037107	CFA_FMU_Display_Support
16	C30600032	Liquifit Elbow Male 4mm-Female 6mm
17	1264561	Rolling System Top
18	10034985	Connecting_Profil_CFA
19	10035493	Connecting_Profile_Top_CFA
20	262105	Axis Door Pin (Machines before SN 11189603100380)
	262119	Axis Door Pin Indel B (Machines after SN 11189603100380)
21	1860086	Connector Male G1/4 - Female Tube 4
22	1860087	Connector Male G1/4 -Female Tube 10
23	1860032	Connector Tube Barb 8-10mm
24	1206371	Valve Inlet 2.5L/min 24v
25	C60100045	Flowmeter
26	1660108	Lan Port RJ45
27	6165105	Main_Power_Socket_EU
28	C30600027	Connector Female Tube 4-4mm
29	1264550	Outlet Connector W/Nozzle SDG25Pump
30	10037517	Power_Cord_C19_1.8m
31	C35021016	PTFE Tube 4mm ID
32	1660207	Thermostat FMU Indel B (Machines after SN 11189603100380)
33	1604180	Fan Assy FMU Indel B (Machines after SN 11189603100380)
34	1264593	Sealing_Door_Fridge_FMU

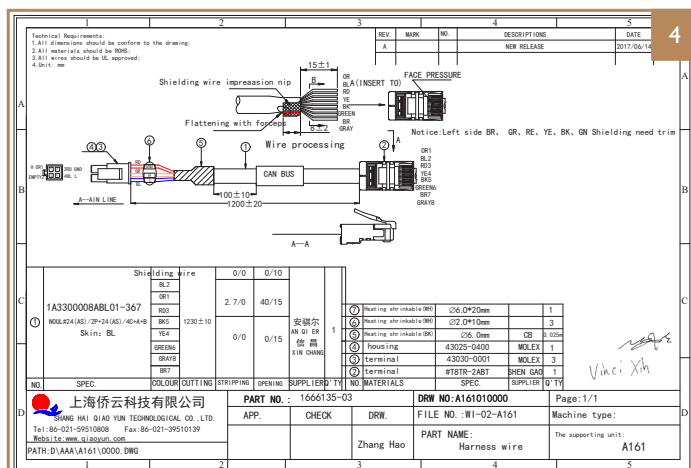
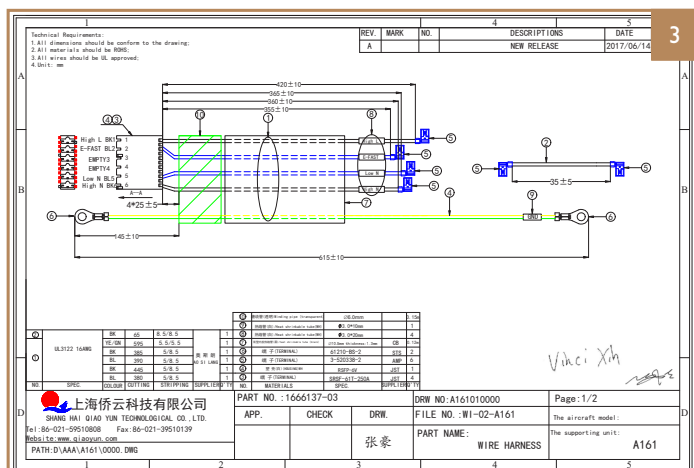
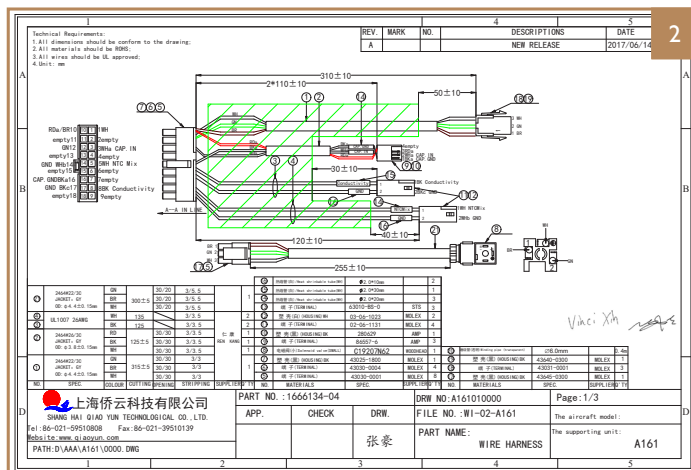
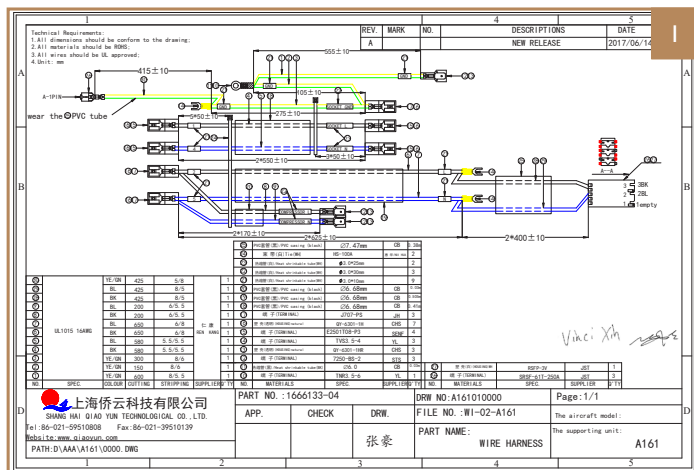
Exploded view



Spare parts list

POS.	Part No.	Description
1	1660169	Conductivity Sensor
2	1364117	Clip Sensor Lock
3	1264592	O-ring ID 6.5mm * 1.5mm
4	1264638	Hydraulic Block Box Bottom
5	C30600004	Liquifit Elbow Male 4mm-Female 6mm
6	6161131	Air Pipe
7	2760352	Mixing Block Assy
8	262108	Milk Valve Support
9	1660181	NTC M4 3s 10K-25C
10	6165037	Valve 2/2 NC Push-Fit 6 24V 4.1b
11	1660171	Fan 40*40mm Nidec
12	1264544	Inlet Connector SDG25 Pump
13	1660172	Valve 3-Way
14	1264158	Grommet DIA17.5*14.2mm
15	1660173	Element FTH
16	1264548	Hydraulic Block Box Cover
17	1264571	H-Block Wiring Cover
18	1264572	H-Block Isolation
19	C30600006	Connector M5 - Tube 4
20	1264543	Milk and Air Inlet for Box
21	2760387	Proportioning Valve Assy
22	1264551	Pump Support A
23	1860088	Connector Tube Female 4 - Male G1/8
24	1264570	Pump Support B
25	2760386	Pump SDG-25 with Motor
26	1264550	Outlet Connector W/Nozzle SDG25 Pump
27	C30600028	Connector Tube L Male 4- Female 4
28	262107	FTH Support
29	1260045	Insulation FTH Bottom
30	1260044	Insulation FTH Top
31	1364116	Circlip
32	2760397	FTH Tube & Fitting Kit (includes fittings, O-rings, tubes & clips - 2 pcs. of each)
33	2760389	Hydraulic Block Assy (complete milk unit)

Electrical harnesses



POS.	Part No.	Description
1	1666133	Harness Fridge-PCBA 230V FMU
2	1666134	Harness IO 24V FMU
3	1666137	FMU Harness H-Block
4	1666135	FMU Harness Communication 24V