



CREM Unity + FMU Coffee Machine User Manual

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Unity + FMU Coffee Machine



Product Information

Part No.	1964163_09
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This manual provides information and spare parts lists for the UNITY & UNITY+ FMU.

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.
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 from Crem R&D.
06	May 29, 2019	TSB# 294, TSB# 278, TSB# 314, TSB# 327	Add PN 10039755. Replace PN 1860088 by 10039813, PN 1264566 by 10042315. Replace PN 1660173 by 10042155, PN 1264570 by 10042317, PN 2760386 by 10042314, PN 262107 by 1004293, PN 1260045 by 10042298.
07	July. 23, 2020	None	Modify for improved readability, release for general use.
08	Apr. 12, 2021	None	Add PN 2760620
09	Aug. 03, 2021	None	Add PN 10039755. Replace PN 1860088 by 10039813, PN 1264566 by 10042315. Replace PN 1660173 by 10042155, PN 1264570 by 10042317, PN 2760386 by 10042314, PN 262107 by 1004293, PN 1260045 by 10042298.

HOUSING

The housing section provides an exploded view and spare parts list for the UNITY & UNITY+ FMU housing.

MILK BLOCK

The milk block section provides an exploded view and spare parts list for the UNITY & UNITY+ FMU milk block.

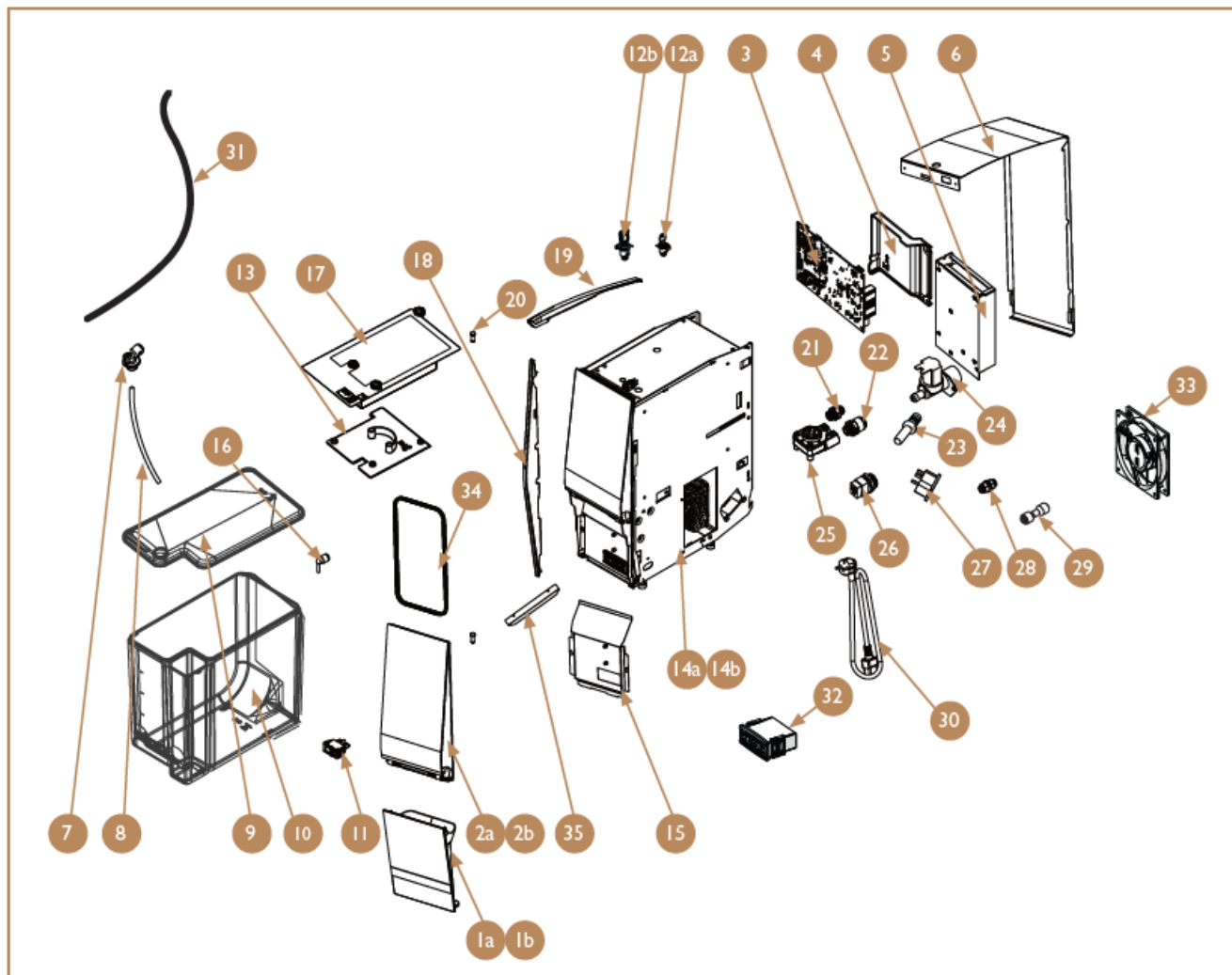
ELECTRICAL SYSTEM

The electrical system section provides information on electrical harnesses used in the UNITY & UNITY+ FMU. Please refer to the respective sections for detailed information and spare parts lists.

MANUAL REVISIONS

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09	Aug. 03, 2021	TSB# 3 27	Replace PN 2760389 by 10042318. Add PN 10042546 and PN 10039 371
10			

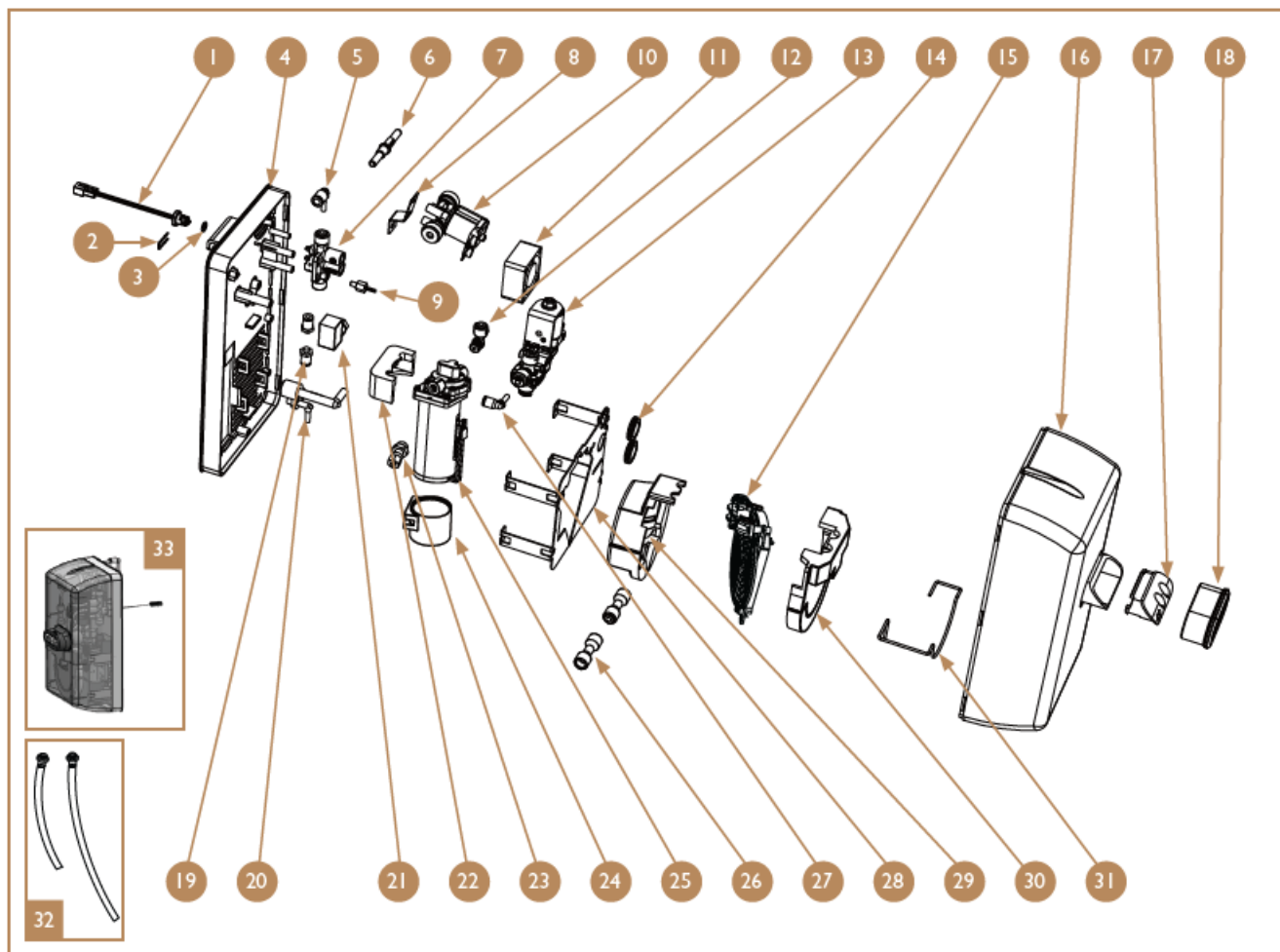
Exploded view



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	10042315	Milk_Container_Body_FMU
11	10036411	Rocker-switch_2P-16A-250VAC
12a	10010801	Lock_A081
12b	10039371	Lock_China
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	2760620	Outlet Connector WINozzle 1.2mm
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
35	10039755	Fridge_Water_Guide_FMU

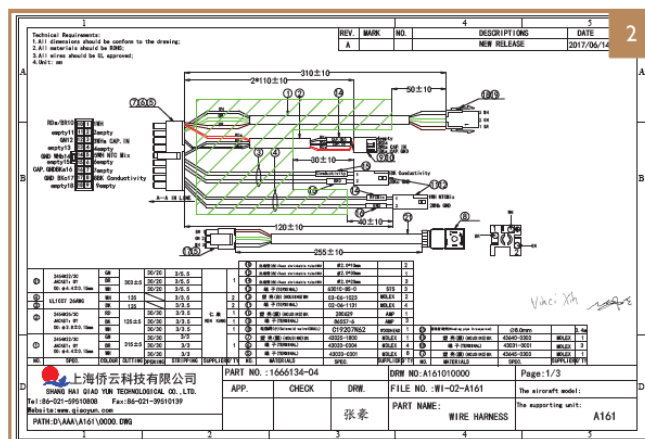
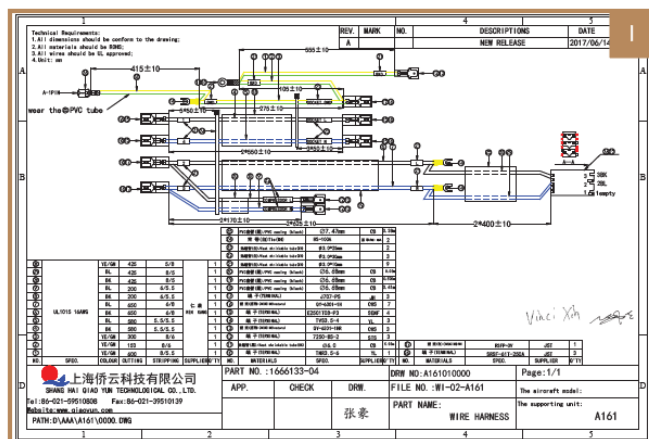


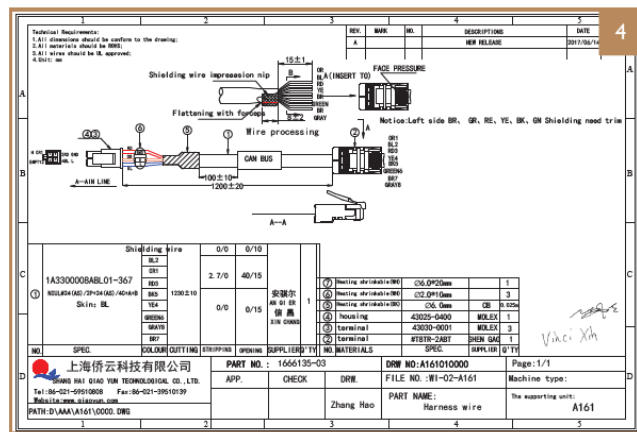
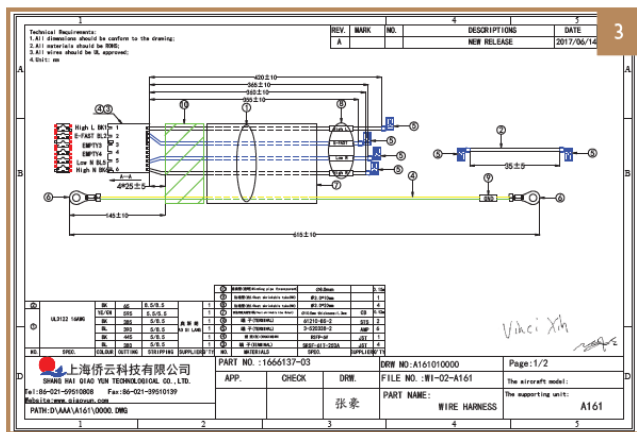
POS.	Part No.	Description
1	1660169	Conductivity Sensor
2	1364117	Clip Sensor Lock
3	1264592	O-ring ID 6.5mm * 1.5mm
4	1264638	Hydraulic Block Box Bottom
5	C30600004	Liquifit Elbow Male 4mm-Female 6mm
6	6161131	Air Pipe
7	2760352	Mixing Block Assy
8	262108	Milk Valve Support
9	1660181	NTC M4 3s 10K-25C
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	10042155	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	10039813	Compression_Racor_G1I8M_T4
24	10042317	Pump_Cover_Support
25	10042314	Pump_SDG-25_With_Motor
26	1264550	Outlet Connector W/Nozzle SDG25 Pump
27	C30600028	Connector Tube L Male 4- Female 4
28	10042293	FTH Support
29	10042298	FTH_Isolation_Lower
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 which now includes 10042318 Hydraulic block (see also TSB327)
34	10042546	FMU hydraulic box for the under counter version

ELECTRICAL SYSTEM

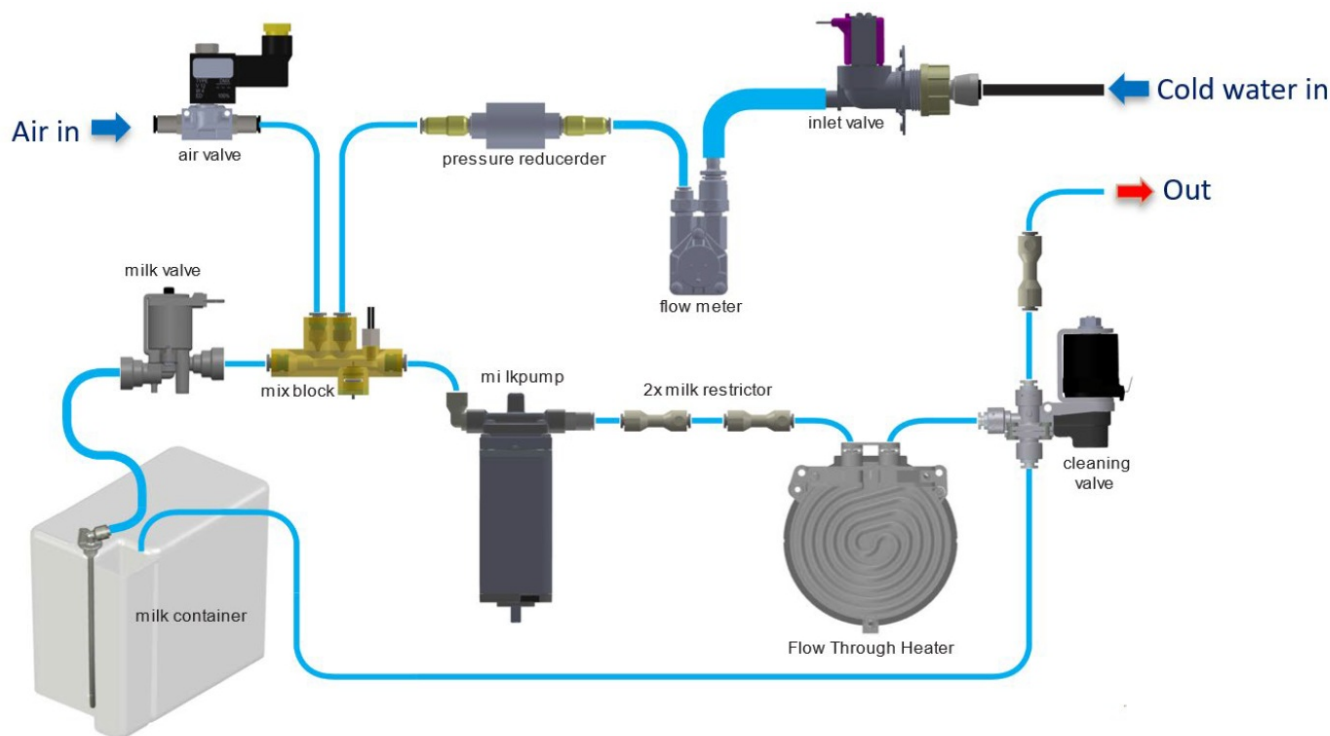
Electrical harnesses

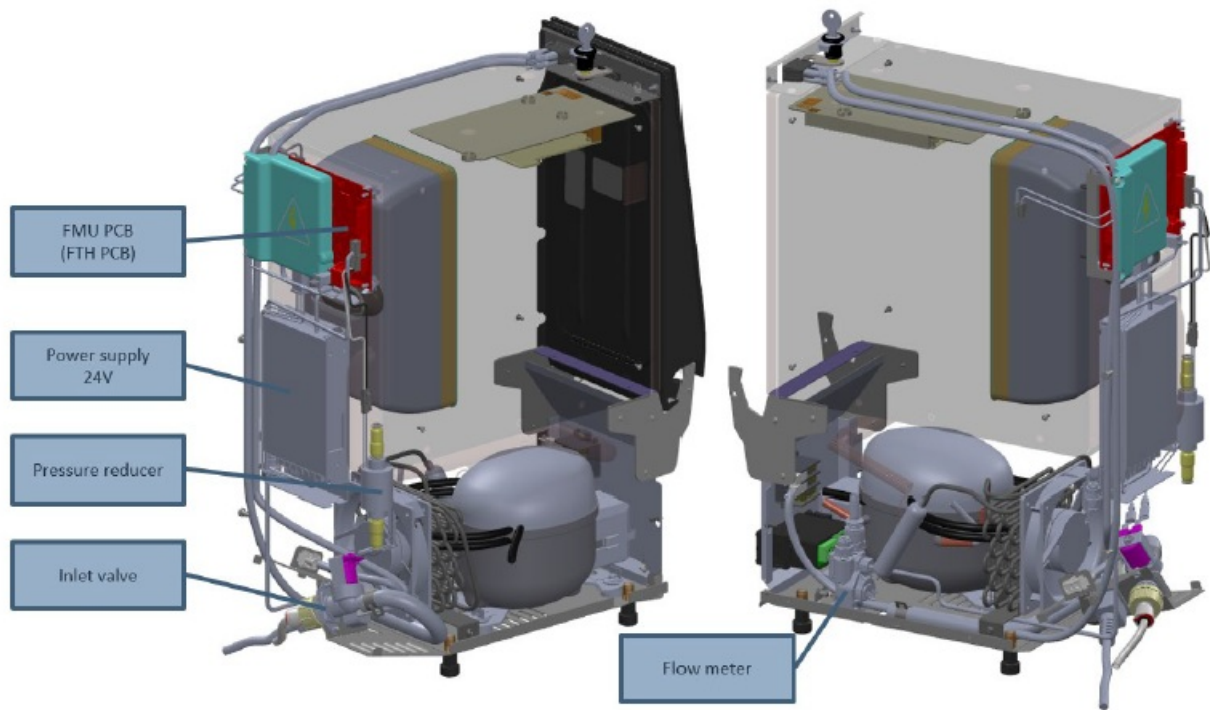


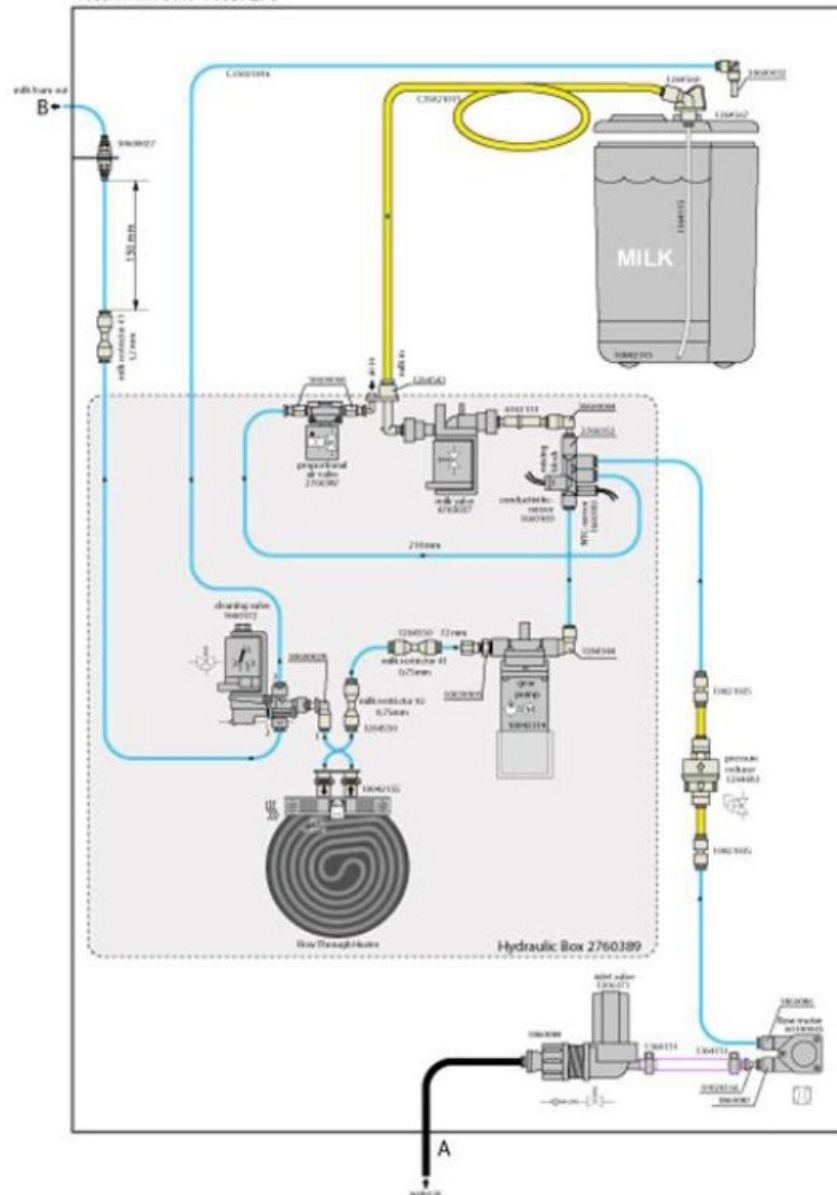


POS.	Part No.	Description
1	1666133	Harness Fridge-PCBA 230V FMU
2	1666134	Harness IO 24V FMU
3	1666137	FMU Harness H-Block
4	1666135	FMU Harness Communication 24V

WIRING DIAGRAM







Produced by Crem International (Shanghai) Co., Ltd.

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www.creminternational.com

Documents / Resources



CREM Unity + FMU Coffee Machine [pdf] User Manual
Unity FMU Coffee Machine, Unity FMU, Coffee Machine

References

-  [Crem - Crafted for Every Taste - Home](http://www.creminternational.com)