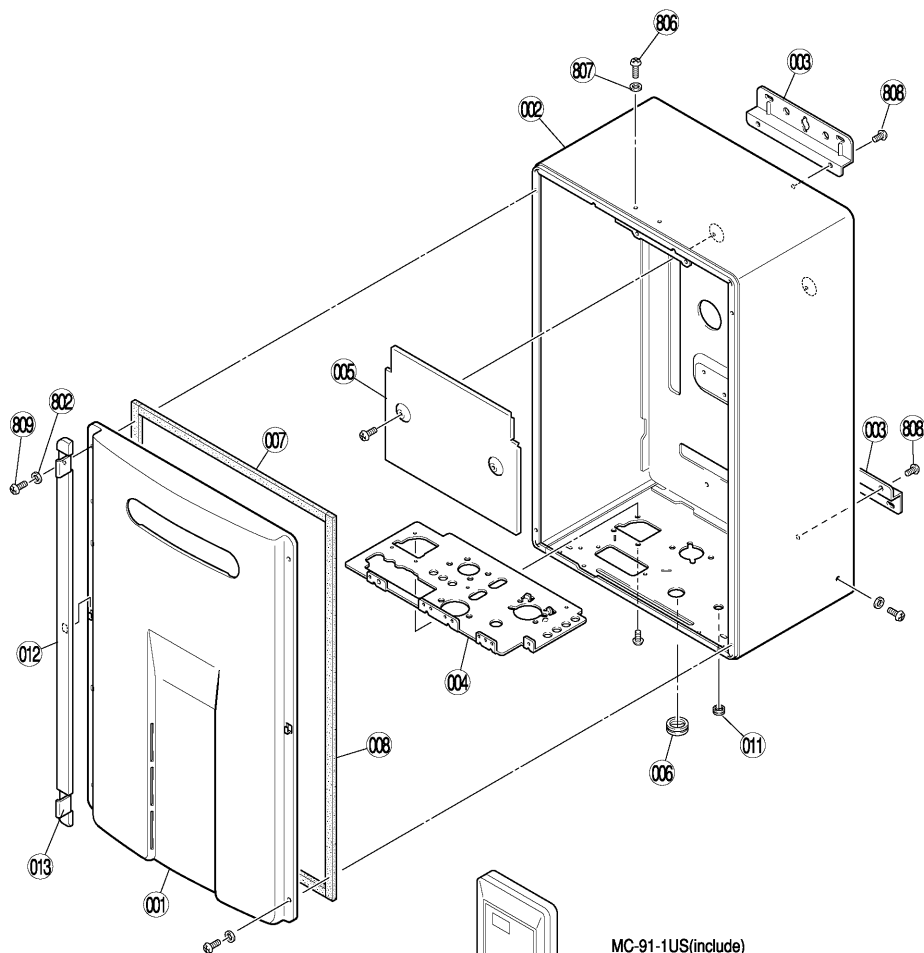


EXPLODED VIEW - CABINET

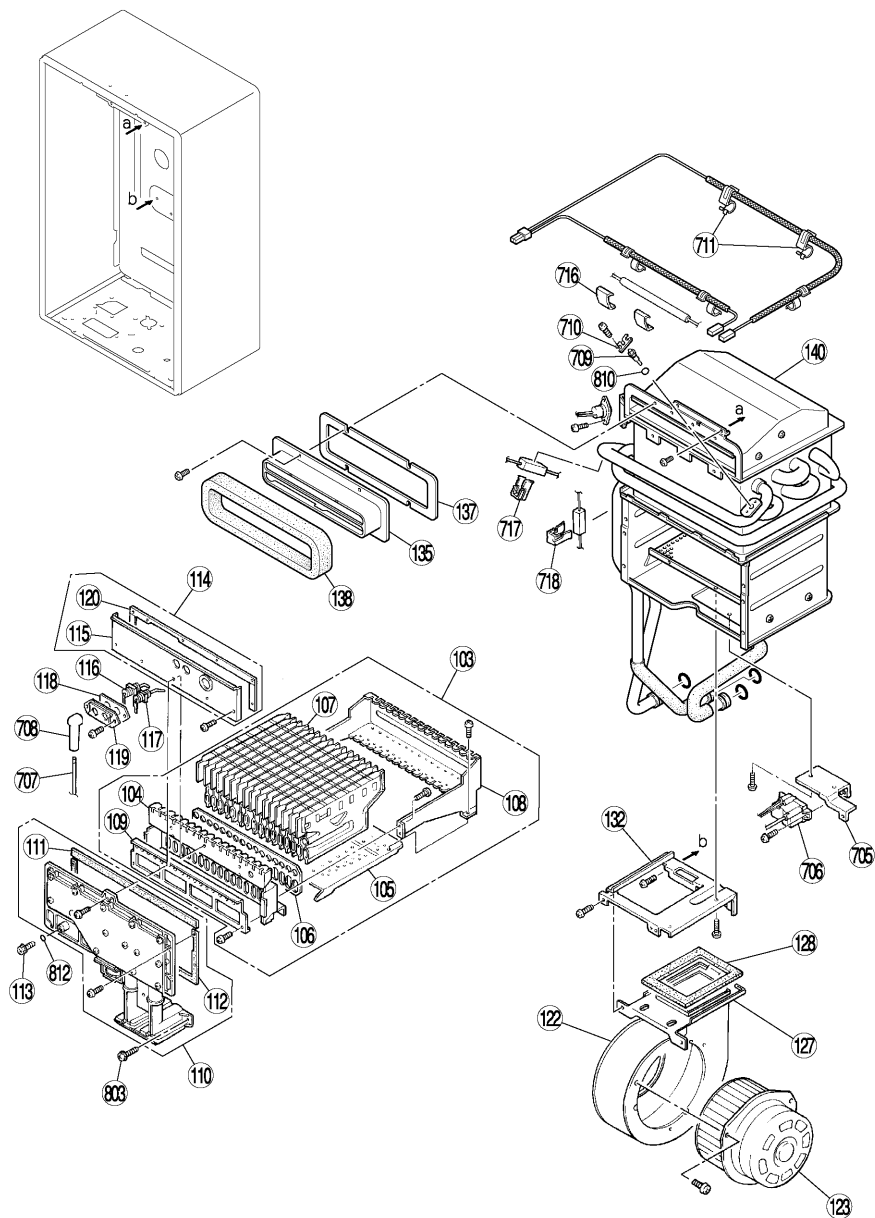


MC-91-1US(include)

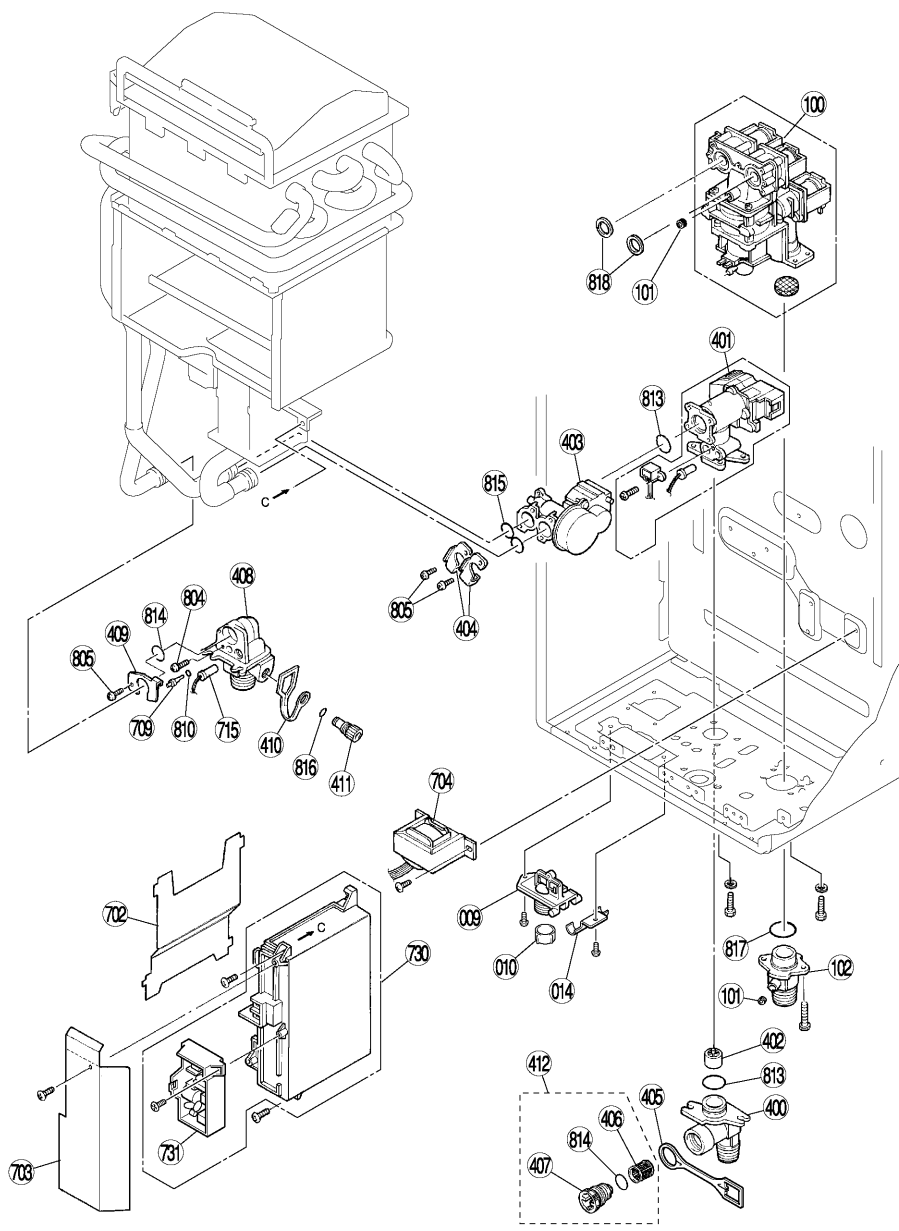
MC-100V-1US(optional)

BC-100V-1US(optional)

EXPLODED VIEW - INTERNALS



EXPLODED VIEW - INTERNALS



This diagram illustrates the electrical system components and their interconnections. Key components and their associated wiring are labeled with callouts:

- 725**: Main power cable connecting the battery to the engine compartment.
- 726**: Grounding cable for the battery.
- 721**: Wiring harness connecting the battery to the fuse block.
- 722**: Fuse block with multiple fuses.
- 723**: Relay or solenoid component.
- 724**: Relay or solenoid component.
- 728**: Relay or solenoid component.
- 730**: Relay or solenoid component.
- 731**: Relay or solenoid component.
- 732**: Relay or solenoid component.
- 733**: Relay or solenoid component.
- 734**: Relay or solenoid component.
- 735**: Relay or solenoid component.
- 736**: Relay or solenoid component.
- 737**: Relay or solenoid component.
- 738**: Relay or solenoid component.
- 739**: Relay or solenoid component.
- 740**: Relay or solenoid component.
- 741**: Relay or solenoid component.
- 742**: Relay or solenoid component.
- 743**: Relay or solenoid component.
- 744**: Relay or solenoid component.
- 745**: Relay or solenoid component.
- 746**: Relay or solenoid component.
- 747**: Relay or solenoid component.
- 748**: Relay or solenoid component.
- 749**: Relay or solenoid component.
- 750**: Relay or solenoid component.
- 751**: Relay or solenoid component.
- 752**: Relay or solenoid component.
- 753**: Relay or solenoid component.
- 754**: Relay or solenoid component.
- 755**: Relay or solenoid component.
- 756**: Relay or solenoid component.
- 757**: Relay or solenoid component.
- 758**: Relay or solenoid component.
- 759**: Relay or solenoid component.
- 760**: Relay or solenoid component.
- 761**: Relay or solenoid component.
- 762**: Relay or solenoid component.
- 763**: Relay or solenoid component.
- 764**: Relay or solenoid component.
- 765**: Relay or solenoid component.
- 766**: Relay or solenoid component.
- 767**: Relay or solenoid component.
- 768**: Relay or solenoid component.
- 769**: Relay or solenoid component.
- 770**: Relay or solenoid component.
- 771**: Relay or solenoid component.
- 772**: Relay or solenoid component.
- 773**: Relay or solenoid component.
- 774**: Relay or solenoid component.
- 775**: Relay or solenoid component.
- 776**: Relay or solenoid component.
- 777**: Relay or solenoid component.
- 778**: Relay or solenoid component.
- 779**: Relay or solenoid component.
- 780**: Relay or solenoid component.
- 781**: Relay or solenoid component.
- 782**: Relay or solenoid component.
- 783**: Relay or solenoid component.
- 784**: Relay or solenoid component.
- 785**: Relay or solenoid component.
- 786**: Relay or solenoid component.
- 787**: Relay or solenoid component.
- 788**: Relay or solenoid component.
- 789**: Relay or solenoid component.
- 790**: Relay or solenoid component.
- 791**: Relay or solenoid component.
- 792**: Relay or solenoid component.
- 793**: Relay or solenoid component.
- 794**: Relay or solenoid component.
- 795**: Relay or solenoid component.
- 796**: Relay or solenoid component.
- 797**: Relay or solenoid component.
- 798**: Relay or solenoid component.
- 799**: Relay or solenoid component.
- 800**: Relay or solenoid component.

PARTS LIST

Number	Description	Part Number	Quantity V2532WD/WCD
001	Front Panel Assembly (Residential model)	U245-3110-1	1
001	Front Panel Assembly (Commercial model)	U245-3110-2	1
002	Casing Assembly (Residential model)	U245-3100-1	1
002	Casing Assembly (Commercial model)	U245-3100-2	1
003	Wall Installation Bracket	U195-121	2
004	Connection Reinforcement Panel	U245-3160	1
005	Heat Protection Plate	U245-107	1
006	Rubber Bushing	CF79-41020-A	1
007	Front Panel Packing	U245-3185-2	2
008	Front Panel Packing Side	U245-3185-1	2
009	Quick Controller Connection	U245-3170	1
010	Cable Seal Packing	AU169-126	1
011	Seal Packing	AU105-113	1
012	Side Panel	U245-3121	2
013	Side Panel Cap	U245-3122	4
014	Connection Support Clip	AH59-772	1
100	Gas Control Assembly	C36E-41-S	1
101	Screw	AU39-965	2
102	Gas Connection (3/4"NPT)	CU195-1866	1
103	Burner Unit Assembly	H73-110	1
104	Burner Case Front	CH51-209	1
105	Burner Case Bottom Panel	H73-112	1
106	Packing	BH51-218	1
107	Lean and Rich Bunsen Burner Assembly	B3A7-1	16
108	Burner Case Back Panel	CH51-211	1
109	Damper	H73-115	1
110	Manifold Assembly-A (LPG)	U245-200-A	1
110	Manifold Assembly-C (Nat. G)	U245-200-C	1
111	Packing of Combustion Chamber	AU155-207-2	1
112	Lower Packing of Combustion Chamber	H73-214	1
113	Screw	C10D-5	1
114	Combustion Chamber Front Plate Assembly	U245-260	1
115	Combustion Chamber Front Plate	U245-261	1
116	Electrode	H73-120	1

Number	Description	Part Number	Quantity V2532WD/WCD
117	Flame Rod	AH41-216	1
118	Electrode Packing	AH66-398	1
119	Electrode Holder	AH66-393	1
120	Upper Packing of Combustion Chamber	U245-262	1
122	Fan Casing Assembly	CH51-615	1
123	Blower Motor	H89-261	1
127	Fan Connecting Bracket	BH29-606	1
128	Fan Connecting Packing	AU183-562	1
132	Combustion Chamber Bracket	U245-255	1
135	Flue Outlet Assembly	U245-3140	1
137	Flue Outlet Packing	U245-1122	1
138	Flue Outlet Packing - 6	AH24-653-6	1
400	Water Inlet (3/4"NPT)	H73-501-2	1
402	Rectifier	M8D1-15	1
403	By-pass Servo Assembly	M6J-1-3	1
405	Plug Band	H73-512	1
406	Water Filter Assembly	H98-511	1
407	Filter Plug	H98-510	1
408	Hot Water Outlet (3/4"NPT)	U245-865-3	1
409	Stop Bracket	AU162-1876	1
410	Plug Band Small	AU103-413	1
411	Drain Valve	AU142-444	1
412	Water Filter All Assembly	H98-510-S	1
702	PCB Cover-Side	BU195-507	1
703	PCB Cover-Front	BU168-707	1
704	Transformer Assembly	ET-281	1
705	PCB Bracket	U245-257	1
706	Ignitor	EI-189	1
707	High Tension Cord	BH38-710-240	1
708	Electrode Sleeve	AU206-218	1
709	Thermistor	BH45-650	2
710	Thermistor Clip Large	CP-90172	1
711	Thermal Fuse Clip	U217-676	5
715	120V Valve Heater Assembly	U245-622	1
716	Anti-Frost Heater Clip	CF29-752	2
717	Anti-Frost Heater Clip A	AU111-653	1

Number	Description	Part Number	Quantity V2532WD/WCD
718	Anti-Frost Heater Clip	AU100-721	1
720	Power Supply Harness	AU195-1876	1
721	Fuse Harness	BU195-1630	1
722	100V Harness	U245-601	1
723	Solenoid Valve Harness	U245-602	1
725	Thermal Fuse Harness	U245-3190	1
726	Mold-Type Over Heat Switch	BU129-821-2	1
731	Surge Protector	BU195-1873	1
732	Frost Sensing Switch	H73-750	1
733	120V Anti-Frost Heater Assembly	U245-1320	1
734	Sensor Harness - 7	U245-603-7	1
736	Remote Controller Harness	U245-3173	1
737	Remote Controller Cable	U242-780	1
802	Washer	CF83-41430	4
803	Screw	CP-21478-412	3
804	Screw	U217-449	1
805	Screw	ZAA0408UK	3
806	Screw	ZBD0508UK	2
807	Washer	AU48-174	2
808	Screw	ZBA0510UK	4
809	Screw	CP-30580	4
810	O-ring	M10B-2-4	2
812	O-ring	M10B-13-4	1
813	O-ring	M10B-2-18	2
814	O-ring	M10B-2-16	2
815	O-ring	M10B-2-14	2
816	O-ring	M10B-2-7	1
817	O-ring	M10B-1-24	1
818	Packing	C36E1-6	2
888	Owner's Manual	U245-2600	1
-	Package Spec Sheet	PWB-261	1
-	Manual 3/4" gas control valve	BU195-1865	1
-	Remote Controller (include)	MC-91-1US	1
-	Deluxe Controller (optional)	MC-100V-1US	1
-	Deluxe Bathroom Controller (optional)	BC-100V-1US	1