

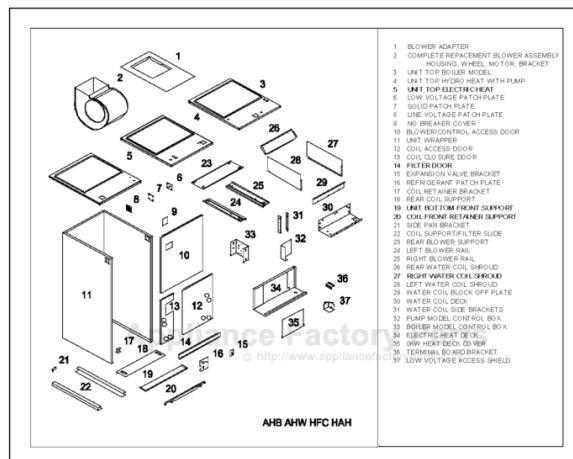
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# COMFORT-AIRE HFC1335-0A Owner's Manual

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HFC1335-0A](#)

## EXPLODED VIEW



0706 AHUPL070706

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----- Manual continues below -----

# **PARTS LIST**

# **AIR HANDLERS**

## **HYDRONIC**

**AHB1324-0A/AHB1360-0A**

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## **FAN COIL**

**HFC1324-0A/HFC1360-0A**

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## **ELECTRIC HEAT**

**HAH1324-00-0A/AHB1360-00-0A**

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**HEAT CONTROLLER, INC.**

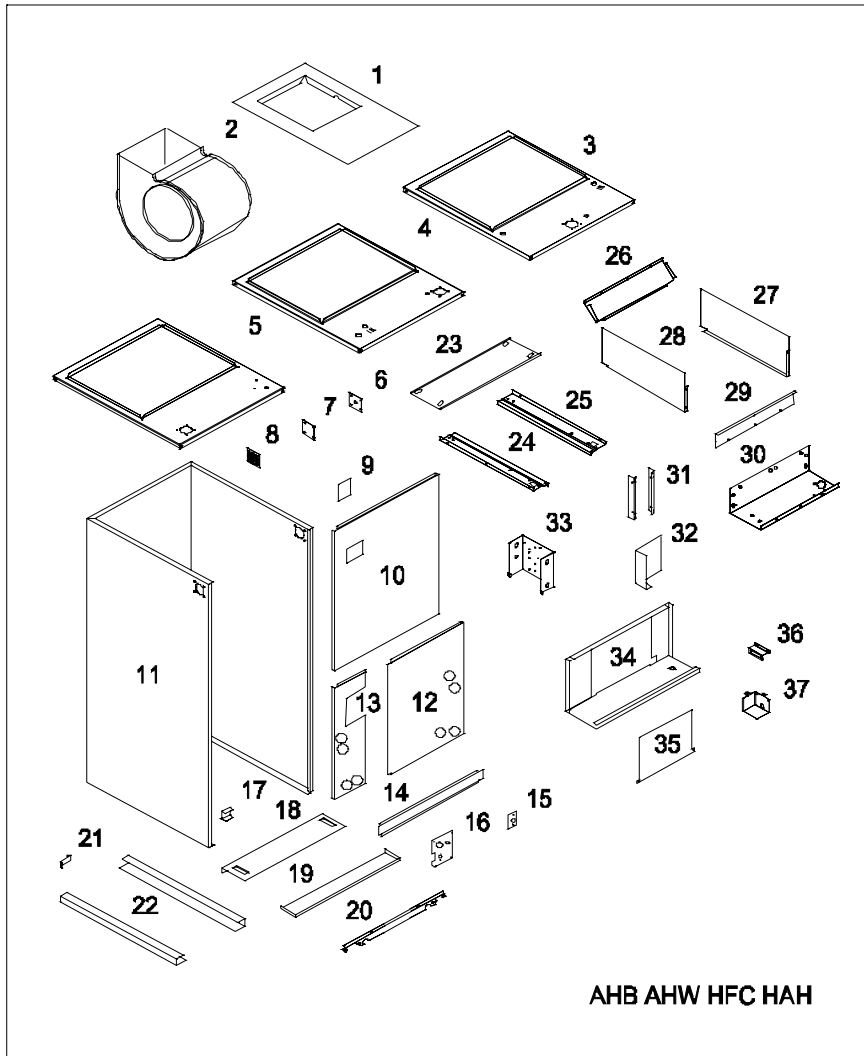
1900 Wellworth Ave. Jackson, MI 49203

[www.heatcontroller.com](http://www.heatcontroller.com)

517-787-2100

03/08/07

# EXPLODED VIEW



- 1 BLOWER ADAPTER
- 2 COMPLETE REPAACEMENT BLOWER ASSEMBLY  
HO USING, WHEEL, MOTOR, BRACKET
- 3 UNIT TOP BOILER MODEL
- 4 UNIT TOP HYDRO HEAT WITH PUMP
- 5 UNIT TOP ELECTRIC HEAT
- 6 LOW VOLTAGE PATCH PLATE
- 7 SOLID PATCH PLATE
- 8 LINE VOLTAGE PATCH PLATE
- 9 NO BREAKER COVER
- 10 BLOWER/CONTROL ACCESS DOOR
- 11 UNIT WRAPPER
- 12 COIL ACCESS DOOR
- 13 COIL CLOSURE DOOR
- 14 FILTER DOOR
- 15 EXPANSION VALVE BRACKET
- 16 REFRIGERANT PATCH PLATE
- 17 COIL RETAINER BRACKET
- 18 REAR COIL SUPPORT
- 19 UNIT BOTTOM FRONT SUPPORT
- 20 COIL FRONT RETAINER SUPPORT
- 21 SIDE PAN BRACKET
- 22 COIL SUPPORT/FILTER SLIDE
- 23 REAR BLOWER SUPPORT
- 24 LEFT BLOWER RAIL
- 25 RIGHT BLOWER RAIL
- 26 REAR WATER COIL SHROUD
- 27 RIGHT WATER COIL SHROUD
- 28 LEFT WATER COIL SHROUD
- 29 WATER COIL BLOCK OFF PLATE
- 30 WATER COIL DECK
- 31 WATER COIL SIDE BRACKETS
- 32 PUMP MODEL CONTROL BOX
- 33 BOILER MODEL CONTROL BOX
- 34 ELECTRIC HEAT DECK
- 35 OKW HEAT DECK COVER
- 36 TERMINAL BOARD BRACKET
- 37 LOW VOLTAGE ACCESS SHIELD

AHB AHW HFC HAH

**SHEET METAL**

	<b>AHB1324-0A</b>	<b>AHB1330-0A</b>	<b>AHB1336-0A</b>	<b>AHB1348-0A</b>	<b>AHB1360-0A</b>
1	R87APX002	R87APX004	R87ACX003	R87AC0005	R87AC0001
2	BRA46-40/41	BRA37-41	BRA49-14/15	BRA52-14/15	BRA53-14/15
3	R87IAE015	R87IAE015	R87IX0011	R87IX0011	R87IX0011
4	NA	NA	NA	NA	NA
5	NA	NA	NA	NA	NA
6	R87BCC014	R87BCC014	R87BCC014	R87BCC014	R87BCC014
7	NA	NA	NA	NA	NA
8	R87BCC013	R87BCC013	R87BCC013	R87BCC013	R87BCC013
9	R87ICA001	R87ICA001	R87ICA001	R87ICA001	R87ICA001
10	R87IFC001	R87IFC001	R87IXB001	R87IXB001	R87IXB001
11	R87MR0006	R87MR0006	R87GQ0002	R87GQ0002	R87GQ0002
12	R87IFBX08	R87IFBX08	R87IXA005	R87IXA005	R87IXA005
13	R87IFB002	R87IFB007	R87IXA001	R87IXA019	R87IXA019
14	R87IBA012	R87IBA012	R87IZ0010	R87IZ0010	R87IZ0010
15	R87BBB007	R87BBB007	R87BBB007	R87BBB007	R87BBB007
16	R87IFA003	R87IFA003	R87IFA003	R87IFA003	R87IFA003
17	R87BCN003	R87BCN003	R87BCN003	R87BCN003	R87BCN003
18	R87BBS009	R87BBS009	R87BBS005	R87BBS005	R87BBS005
19	R87IBC002	R87IBC002	R87IAG003	R87IAG003	R87IAG003
20	R87BM0030	R87BM0030	R87BM0032	R87BM0032	R87BM0032
21	R87BDH001	R87BDH001	R87BDH001	R87BDH001	R87BDH001
22	R87BUA001 (2EA)	R87BUA001 (2EA)	R87BUA002 (2EA)	R87BUA002 (2EA)	R87BUA002 (2EA)
23	R87BAW001	R87BAW001	R87BBS002	R87BBS002	R87BBS001
24	R87AQA002	R87AQA002	R87AE0008	R87AE0008	R87AE0003
25	R87AQA003	R87AQA003	R87AE0007	R87AE0007	R87AE0001
26	R87BCD008	R87BCD008	R87BU0001	R87BU0001	R87BU0001
27	R87BBX002	R87BBX002	R87BBQ001	R87BBQ001	R87BBQ001
28	R87BBX001	R87BBX001	R87BBQ002	R87BBQ002	R87BBQ002
29	R87BC0006	R87BC0005	R87BBR003	R87BBR001	R87BBR001
30	R87BC0010	R87BC0010	R87BE0001	R87BE0001	R87BE0002
31	R87BCC011(L/R)	R87BCC011(L/R)	R87BF0003(L/R)	R87BF0003(L/R)	R87BF0003(L/R)
32	NA	NA	NA	NA	NA
33	R87BDM001	R87BDM001	R87BDM002	R87BDM002	R87BDM002
34	NA	NA	NA	NA	NA
35	NA	NA	NA	NA	NA
36	R87BMC001	R87BMC001	R87BMC001	R87BMC001	R87BMC001
37	R87BAT002	R87BAT002	R87BAT002	R87BAT002	R87BAT002

**COMPONENTS**

<b>PART DESCRIPTION</b>	<b>AHB1324-0A</b>	<b>AHB1330-0A</b>	<b>AHB1336-0A</b>	<b>AHB1348-0A</b>	<b>AHB1360-0A</b>
BOARD TERMINAL HIGH VOLT	R68DC0018	R68DC0018	R68DC0018	R68DC0018	R68DC0018
BOARD TERMINAL LO VOLT	R68DC0013	R68DC0013	R68DC0013	R68DC0013	R68DC0013
GROUND LUG	R68DC0001	R68DC0001	R68DC0001	R68DC0001	R68DC0001
TRANS 120/24 40VA	R68AA0002	R68AA0002	R68AA0002	R68AA0002	R68AA0002
RELAY BLOWER DPDT	R68AB0001	R68AB0001	R68AB0001	R68AB0001	R68AB0001
RELAY TIME DELAY	R68AC0003	R68AC0003	R68AC0003	R68AC0003	R68AC0003
CAPACITOR 5/370	R68DE0003	R68DE0001	R68DE0001	R68DE0002	R68DE0002
MOTOR BLR 1/115 1/4	R65BP0015	R65BP0013	R65BP0013	R65BP0007	R65BP0007
WHEEL DD 10 X 6	R69AC0001	R69AC0002	R69AB0001	R69AC0003	R69AC0005
BLOWER ASSY	BRA46-41	BRA37-41	BRA49-15	BRA52-15	BRA53-15
VALVE TXV 1.5 - 3.0	R72DB0005	R72DB0005	R72DB0005	R72DB0006	R72AA0090
PAN DRAIN HORIZONTAL	R71AA0029	R71AA0029	R71AA0031	R71AA0031	R71AA0045
PAN DRAIN VERTICAL	R71AA0026	R71AA0026	R71AA0015	R71AA0015	R71AA0028
EVAP.COIL ASSY.	CA024A861T41A	CA030A892T41A	CA036A892T41A	CA048A895X15A	CA060A895W15A
TOP PANEL	R87IAE017	R87IAE017	R87CX0014	R87IX0014	R87IX0014
BLOWER/CONT. BOX DOOR	R87IFC001	R87IFC001	R87LXB001	R87IXB001	R87IXB001
CLOSURE DOOR	R87IFBX07	R87IFBX07	R87LXA001	R87IXA004	R87IXA004
ACCESS DOOR	R87IFBX08	R87IFBX08	R87LXA005	R87IXA005	R87IXA005
FILTER DOOR	R87IBA012	R87IBA012	R87LZ0010	R87IZ0010	R87IZ0010
FILTER DOOR THUMB SCREW	R66AB0022	R66AB0022	R66AB0022	R66AB0022	R66AB0022
BREAKER ACCESS COVER	R87ICA001	R87ICA001	R87LCA001	R87ICA001	R87ICA001
DISTRIBUTOR PATCH PLATE	R87IFA003	R87IFA003	R87LFA004	R87IFA003	R87IFA003
HOT WATER COIL	86CFH013	86CFH013	86CG0048	86CG0049	86CG0049
PUMP RELAY	R68AB0003	R68AB0003	R68AB0003	R68AB0003	R68AB0003
SEQUENCER PUMP DELAY	R68AD0004	R68AD0004	R68AD0004	R68AD0004	R68AD0004
SWITCH COND. LOCKOUT (YEL WIRE)	R68DD0006	R68DD0006	R68DD0006	R68DD0006	R68DD0006
SWITCH FREEZE PROT. (WHITE WIRE)	R68DD0005	R68DD0005	R68DD0005	R68DD0005	R68DD0005

**SHEET METAL**

	<b>HFC1324-0A</b>	<b>HFC1330/1335-0A</b>	<b>HFC1336-0A</b>	<b>HFC1348-0A</b>	<b>HFC1360-0A</b>
1	R87APX002	R87APX004	R87ACX003	R87AC0005	R87AC0001
2	BRA46-40/41	BRA37-41	BRA49-14/15	BRA52-14/15	BRA53-14/15
3	R87IAE015	R87IAE015	R87IX0011	R87IX0011	R87IX0011
4	NA	NA	NA	NA	NA
5	NA	NA	NA	NA	NA
6	R87BCC014	R87BCC014	R87BCC014	R87BCC014	R87BCC014
7	NA	NA	NA	NA	NA
8	R87BCC013	R87BCC013	R87BCC013	R87BCC013	R87BCC013
9	R87ICA001	R87ICA001	R87ICA001	R87ICA001	R87ICA001
10	R87IFC001	R87IFC001	R87IXB001	R87IXB001	R87IXB001
11	R87MR0006	R87MR0006	R87GQ0002	R87GQ0002	R87GQ0002
12	R87IFBX08	R87IFBX08	R87IXA005	R87IXA005	R87IXA005
13	R87IFB002	R87IFBX07	R87IXA001	R87IXA019	R87IXA019
14	R87IBA012	R87IBA012	R87IZ0010	R87IZ0010	R87IZ0010
15	R87BBB007	R87BBB007	R87BBB007	R87BBB007	R87BBB007
16	R87IFA003	R87IFA003	R87IFA003	R87IFA003	R87IFA003
17	R87BCN003	R87BCN003	R87BCN003	R87BCN003	R87BCN003
18	R87BBS009	R87BBS009	R87BBS005	R87BBS005	R87BBS005
19	R87IBC002	R87IBC002	R87IAG003	R87IAG003	R87IAG003
20	R87BM0030	R87BM0030	R87BM0032	R87BM0032	R87BM0032
21	R87BDH001	R87BDH001	R87BDH001	R87BDH001	R87BDH001
22	R87BUA001 (2EA)	R87BUA001 (2EA)	R87BUA002 (2EA)	R87BUA002 (2EA)	R87BUA002 (2EA)
23	R87BAW001	R87BAW001	R87BBS002	R87BBS002	R87BBS001
24	R87AQA002	R87AQA002	R87AE0008	R87AE0008	R87AE0003
25	R87AQA003	R87AQA003	R87AE0007	R87AE0007	R87AE0001
26	R87BCD008	R87BCD008	R87BU0001	R87BU0001	R87BU0001
27	R87BBX002	R87BBX002	R87BBQ001	R87BBQ001	R87BBQ001
28	R87BBX001	R87BBX001	R87BBQ002	R87BBQ002	R87BBQ002
29	R87BC0006	R87BC0005	R87BE0005	R87BE0005	R87BE0005
30	R87BC0010	R87BC0010	R87BE0001	R87BE0001	R87BE0002
31	R87BCC011(L/R)	R87BCC011(L/R)	R87BF0003(L/R)	R87BF0003(L/R)	R87BF0003(L/R)
32	NA	NA	NA	NA	NA
33	R87BDM001	R87BDM001	R87BDM002	R87BDM002	R87BDM002
34	NA	NA	NA	NA	NA
35	NA	NA	NA	NA	NA
36	R87BMC001	R87BMC001	R87BMC001	R87BMC001	R87BMC001
37	R87BAT002	R87BAT002	R87BAT002	R87BAT002	R87BAT002

**COMPONENTS**

<b>PART DESCRIPTION</b>	<b>HFC1324-0A</b>	<b>HFC1330/1335-0A</b>	<b>HFC1336-0A</b>	<b>HFC1348-0A</b>	<b>HFC1360-0A</b>
BOARD TERMINAL HIGH VOLT	R68DC0018	R68DC0018	R68DC0018	R68DC0018	R68DC0018
BOARD TERMINAL LO VOLT	R68DC0013	R68DC0013	R68DC0013	R68DC0013	R68DC0013
GROUND LUG	R68DC0001	R68DC0001	R68DC0001	R68DC0001	R68DC0001
TRANS 120/24 40VA	R68AA0002	R68AA0002	R68AA0002	R68AA0002	R68AA0002
RELAY BLOWER DPDT	R68AB0001	R68AB0001	R68AB0001	R68AB0001	R68AB0001
RELAY TIME DELAY	R68AC0003	R68AC0003	R68AC0003	R68AC0003	R68AC0003
CAPACITOR 5/370	R68DE0003	R68DE0001	R68DE0001	R68DE0002	R68DE0002
MOTOR BLR 1/115 1/4	R65BP0015	R65BP0013	R65BP0013	R65BP0007	R65BP0007
WHEEL DD 10 X 6	R69AC0001	R69AC0002	R69AB0001	R69AC0003	R69AC0005
BLOWER ASSY	BRA46-41	BRA37-41	BRA49-15	BRA52-15	BRA53-15
VALVE TXV 1.5 - 3.0	R72DB0005	R72DB0005	R72DB0005	R72DB0006	R72DB0006
PAN DRAIN HORIZONTAL	R71AA0029	R71AA0029	R71AA0031	R71AA0031	R71AA0031
PAN DRAIN VERITCAL	R71AA0026	R71AA0026	R71AA0015	R71AA0015	R71AA0015
EVAP.COIL ASSY.	CA024A861T41A	CA030A892T41A	CA036A892T15A	CA048A895X15A	CA060A895X15A
TOP PANEL	R87IAE017	R87IAE017	R87CX0014	R87IX0014	R87IX0014
BLOWER/CONT. BOX DOOR	R87IFC001	R87IFC001	R87LXB001	R87IXB001	R87IXB001
CLOSURE DOOR	R87IFBX07	R87IFBX07	R87LXA001	R87IXA004	R87IXA004
ACCESS DOOR	R87IFBX08	R87IFBX08	R87LXA005	R87IXA005	R87IXA005
FILTER DOOR	R87IBA012	R87IBA012	R87LZ0010	R87IZ0010	R87IZ0010
FILTER DOOR THUMB SCREW	R66AB0022	R66AB0022	R66AB0022	R66AB0022	R66AB0022
BREAKER ACCESS COVER	R87ICA001	R87ICA001	R87LCA001	R87ICA001	R87ICA001
DISTRIBUTOR PATCH PLATE	R87IFA003	R87IFA003	R87LFA004	R87IFA003	R87IFA003

**SHEET METAL**

	<b>HAH1324-00-1A</b>	<b>HAH1336-00-1A</b>	<b>HAH1348-00-1A</b>	<b>HAH1360-00-1A</b>
1	R87APX002	R87APX004	R87ACX003	R87AC0005
2	BRA45-40/41	BRA34-40/41	BRA55-14/15	BRA51-14/15
3	NA	NA	NA	NA
4	NA	NA	NA	NA
5	R87IAE017	R87IAE017	R87IX0012	R87IX0012
6	R87BCC014	R87BCC014	R87BCC014	R87BCC014
7	NA	NA	NA	NA
8	R87BCC013	R87BCC013	R87BCC013	R87BCC013
9	R87ICA001	R87ICA001	R87ICA001	R87ICA001
10	R87IFC001	R87IFC001	R87IXB001	R87IXB001
11	R87MR0006	R87MR0006	R87GQ0002	R87GQ0002
12	R87IFBX08	R87IFBX08	R87IXA005	R87IXA005
13	R87IFB002	R87IFBX07	R87IXA019	R87IXA019
14	R87IBA012	R87IBA012	R87IZ0010	R87IZ0010
15	R87BBB007	R87BBB007	R87BBB007	R87BBB007
16	R87IFA003	R87IFA003	R87IFA003	R87IFA003
17	R87BCN003	R87BCN003	R87BCN003	R87BCN003
18	R87BBS009	R87BBS009	R87BBS005	R87BBS005
19	R87IBC002	R87IBC002	R87IAG003	R87IAG003
20	R87BM0030	R87BM0030	R87BM0032	R87BM0032
21	R87BDH001	R87BDH001	R87BDH001	R87BDH001
22	R87BUA001 (2EA)	R87BUA001 (2EA)	R87BUA002 (2EA)	R87BUA002 (2EA)
23	R87BAW001	R87BAW001	R87BBS002	R87BBS001
24	R87AQA002	R87AQA002	R87AQA002	R87AQA002
25	R87AQA003	R87AQA003	R87AQA003	R87AQA003
26	NA	NA	NA	NA
27	NA	NA	NA	NA
28	NA	NA	NA	NA
29	NA	NA	NA	NA
30	NA	NA	NA	NA
31	NA	NA	NA	NA
32	NA	NA	NA	NA
33	NA	NA	NA	NA
34	R87BPB001	R87BPB001	R87BWB001	R87BWB001
35	R87BFE001	R87BFE001	R87BFJ001	R87BFJ001
36	R87BMC001	R87BMC001	R87BMC001	R87BMC001
37	R87FSA001	R87FSA001	R87FSA001	R87FSA001

**COMPONENTS**

<b>PART DESCRIPTION</b>	<b>HAH1324-00-1A</b>	<b>HAH1336-00-1A</b>	<b>HAH1348-00-1A</b>	<b>HAH1360-00-1A</b>
BOARD TERMINAL HIGH VOLT	R68DC0018	R68DC0018	R68DC0018	R68DC0018
BOARD TERMINAL LO VOLT	R68DC0017	R68DC0017	R68DC0017	R68DC0017
GROUND LUG	R68DC0001	R68DC0001	R68DC0001	R68DC0001
TRANS 240/24 40VA	R68AA0003	R68AA0003	R68AA0003	R68AA0003
RELAY BLOWER DPDT	R68AB0001	R68AB0001	R68AB0001	R68AB0001
RELAY TIME DELAY	R68AC0003	R68AC0003	R68AC0003	R68AC0003
CAPACITOR 5/370	R68DE0003	R68DE0003	R68DE0003	R68DE0002
MOTOR BLR 1/230 1/4	R65BA0016	R65BP0014	R65BP0014	R65BP0006
WHEEL DD 10 X 6	R69AC0001	R69AC0002	R69AB0001	R69AC0003
BLOWER ASSY	BRA45-41	BRA34-41	BRA55-15	BRA51-15
VALVE TXV 1.5 - 3.0	R72DB0005	R72DB0005	R72DB0006	R72DB0006
PAN DRAIN HORIZONTAL	R71AA0029	R71AA0029	R71AA0031	R71AA0031
PAN DRAIN VERTICAL	R71AA0026	R71AA0026	R71AA0015	R71AA0015
EVAP.COIL ASSY.	CA024A861T41A	CA036A892T41A	CA048A895X15A	CA060A895X15A
TOP PANEL	R87IAE017	R87IAE017	R87LX0013	R87LX0013
BLOWER/CONT. BOX DOOR	R87IFC001	R87IFC001	R87LXB001	R87LXB001
CLOSURE DOOR	R87IFBX07	R87IFBX07	R87LXA004	R87LXA004
ACCESS DOOR	R87IFBX08	R87IFBX08	R87LXA005	R87LXA005
FILTER DOOR	R87IBA012	R87IBA012	R87LZ0010	R87LZ0010
FILTER DOOR THUMB SCREW	R66AB0022	R66AB0022	R66AB0022	R66AB0022
BREAKER ACCESS COVER	R87ICA001	R87ICA001	R87LCA001	R87LCA001
DISTRIBUTOR PATCH PLATE	R87IFA003	R87IFA003	R87LFA003	R87LFA003