



CAHV

Variable Speed Cassette Ductless Split System Air Handlers

Parts Manual

MODELS:

CAHV09

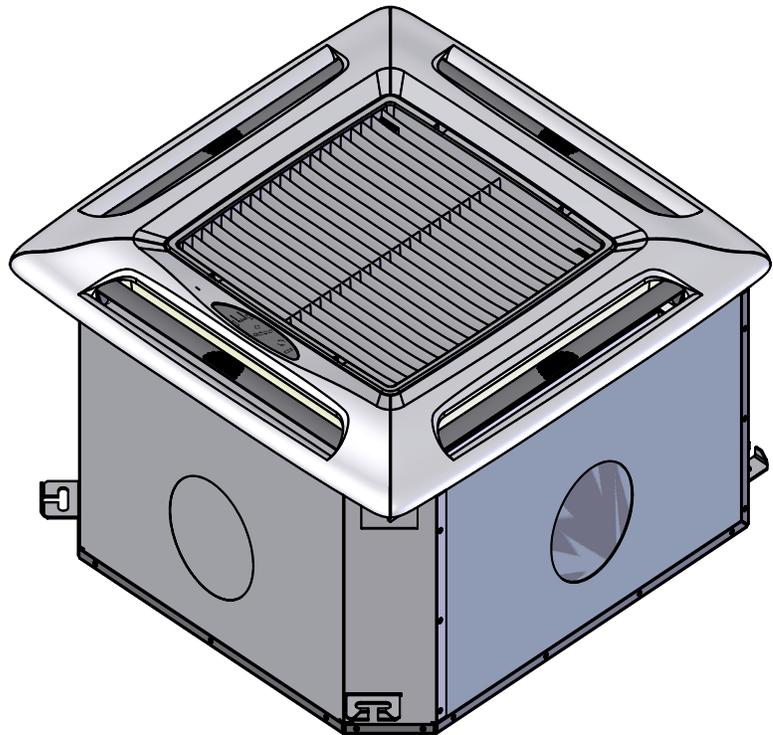
CAHV12

CAHV18

CAHV24

CAHV30

CAHV36



An ISO 9001-2008 Certified Company

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P/N# 240009659, Rev A [12/01/2013]



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Consult manufacture for availability items may be subject to minimum order quantities.

[Limited Warranty](#) applies, 1-year parts and 5-year compressor.

Information and specifications outlined in this manual in effect at the time of printing of this manual. ECR International reserves the right to discontinue, change specifications or system design at any time without notice and without incurring any obligation, whatsoever.



Decoding

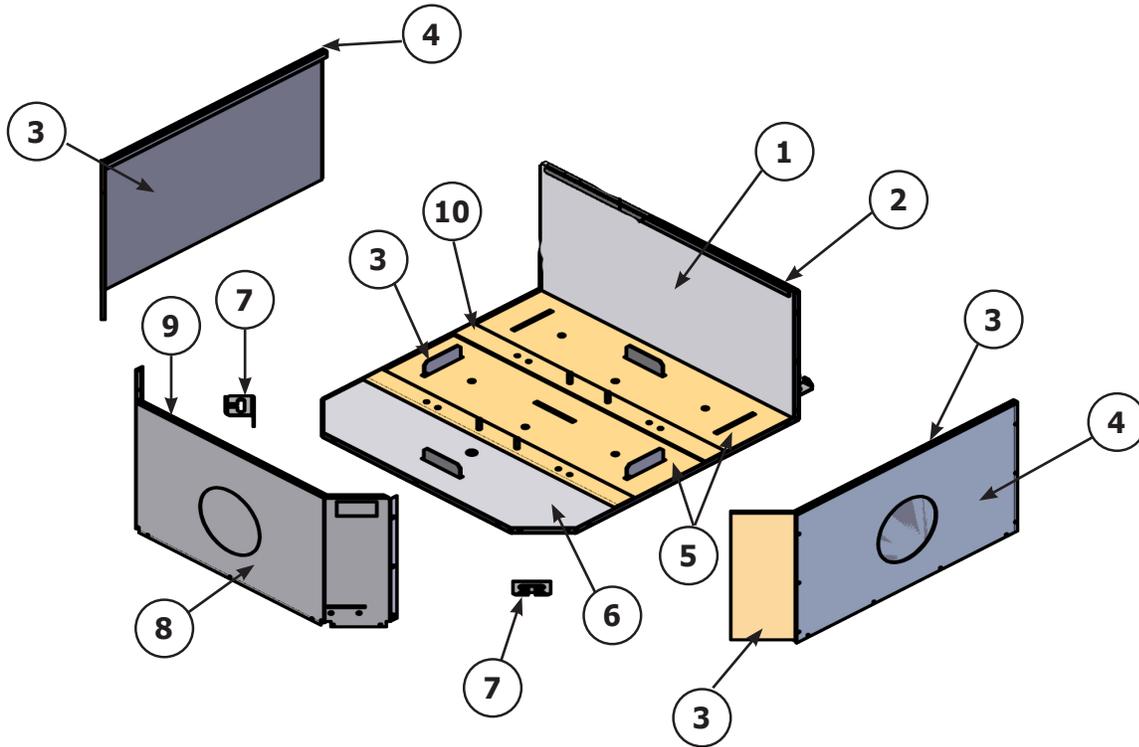
E-verter Variable Speed Cassette

Model			Revision	Capacity	Voltage	Aux Ht
Cabinet Style	Function					
C	A	H	V		D	
CA - Cassette			Variable Speed - V		D - 208/230V	0 - None
H - Heat Pump or Straight Cool (09-36 Only)				9,000 - 09		1 - 1.5 KW 09/12 Only
				12,000 - 12		3 - 3 KW 18-24 Only
				18,000 - 18		5 - 5 KW 30-36 Only
				24,000 - 24		
				30,000 - 30		
				36,000 - 36		



Base Assembly [9-36]

E-verter Variable Speed Cassette

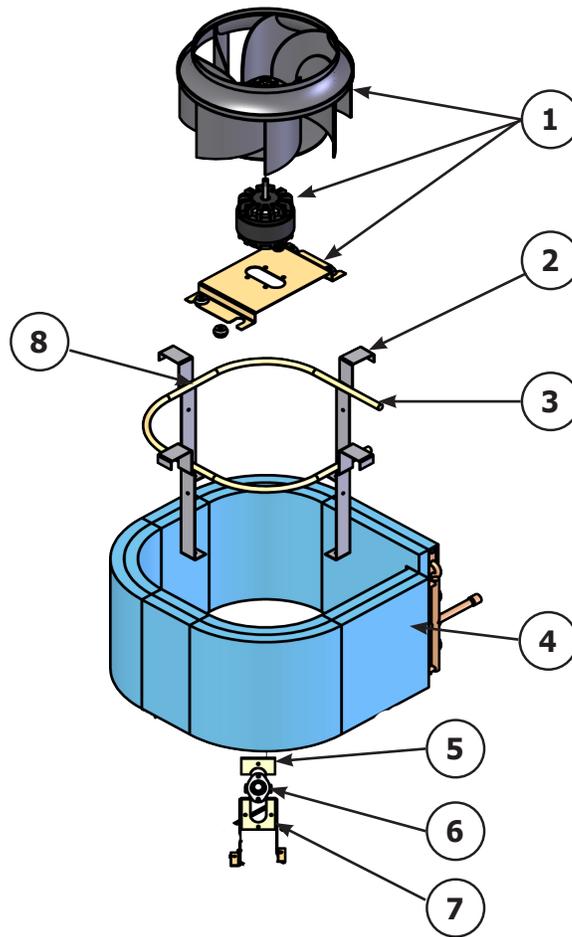


Ref#	Model	Part Number	Description
1	09-12	240005671	INS,BASE,BACK,CAC 09-12
	18-24	240005657	VLV,SERVICE,5/8" SWT X 5/8" FLARE
	30-36	240005373	INS,BASE,REAR,CAC/H30-36
2	09-12	10005853	BASE,ASSY,CASSETTE 09-12
	18-24	109005854	ASSY,BASE,CAC 18-24
3	09-12	240005932	INS,PNL,LT/RT,FRNT,CAC 09-12
	18-24	240008677	INS,PNL,LT/RT,FRNT,CAC18-24
	30-36	240008685	INS,PNL,FRNT,LT/RT,CAC/H30-36
4	-	109005889	PNL,SIDES,CAC09-12
5	09-12	240005931	INS,BASE,CENTER,REAR,CAC 09-12
	18-24	240005667	INS,BASE,CTR,CAC18-24
	30-36	240005672	INS,BASE,CTR,CAC/H30-36
6	09-12	240005670	INS,BASE,FRNT,CAC 09-12
	18-24	240005666	INS,BASE,FRNT,CAC18-24
	30-36	240005668	INS,BASE,FRNT,CAC/H30-36
7	-	109005837	BRKT,SUPT,HNG,CAC09-36
8	09-12	109005891	PNL,FRNT,CAC09-12
	18-24	109005842	PNL,FRNT,CAC18/24
	30-36	109005892	PNL,FRNT,CAC30-36

Ref#	Model	Part Number	Description
9	09-12	240005681	INS,PNL,FRNT,CENTER,CAC 09-12
	18-24	240005676	INS,PNL,FRNT,CTR,CAC18-24
	30-36	240005683	INS,PNL,FRNT,CTR,CAC/H30-36
10	09-12	240006060	INS,MTR SUPT,CAC 9-12
	18-24	240006195	INS,MTR SUPT,CAC/H18-24
	30-36	240006402	INS,SUPT,MTR,CAC30-36

Fan Coil Assembly [9-30]

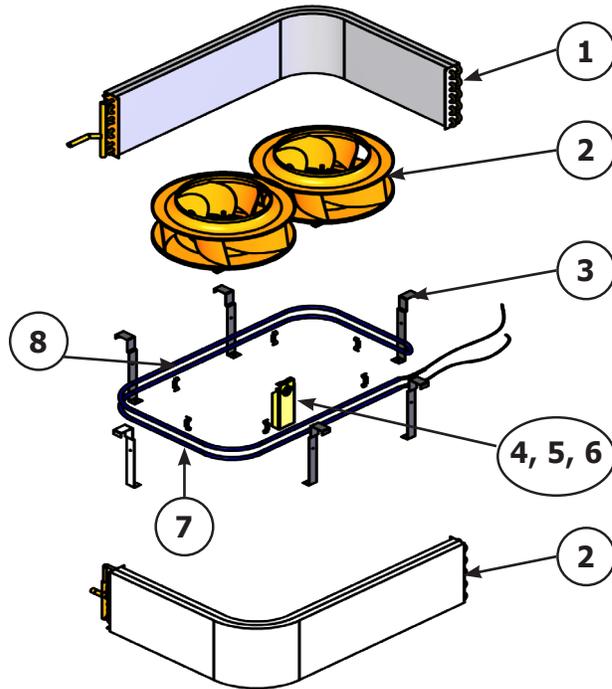
E-verter Variable Speed Cassette



Ref #	Model	Part Number	Description
1	09-12	240004888	MTR,BLWR,ASSY,CAC09-12
	18-24	240004893	ASSY,MTR,BLWR,CAC18-24,R6E400 AE11-10
2	09-12	109006240	BRKT,COIL,CAC09-12
	18-24	109006241	BRKT,COIL,CAC18-24
3	09-12	240004916	HTR,1.5KW,230V,CAC-09/12
	18-24	240004917	HTR,3.0KW,230V,CAC-15/24
4	09-12	109000458	3EY1701D-9.00x55.38/51.191
	18-24	109000357	COIL,EVAP,3EY1701D-8.00x75.38/7
5	09-12	109006365	BRKT,SW,LMT,CAC 12-36
6	09-12	240006129	SW,LMT,135-210°F,75TF114, Style 307252
7	09-12	109006500	BRKT,RTNR,LMT,CAC/H 09-24
8	09-12	109006243	BRKT,HTR,CAC09-36

Fan Coil [36] Assembly

E-verter Variable Speed Cassette

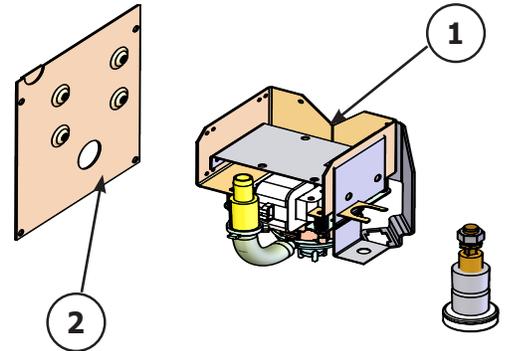


Ref #	Model	Part Number	Description
1	36	104000358	COIL, EVAP, RT, 3EY1701D-10.00x53.00/51.50
		104000372	COIL, EVAP, LT, 3EY1701D-010.00X51.00/49.50
2	36	240004898	ASSY, MTR, BLWR, CAC30-36, R6E355-AB28-11
3	36	109006242	BRKT, COIL, CAC30-36
4	36	109006501	BRKT, SW, LMT, CAC 30-36
5	36	240006129	SW, LMT, 135-210°F, 75TF114, Style 307252
6	36	109006500	BRKT, RTNR, LMT, CAC/H 09-24
7	36	240004918	HTR, 5KW, 230V, CAC-30/36
8	36	109006243	BRKT, HTR, CAC09-36

E-verter Variable Speed Cassette

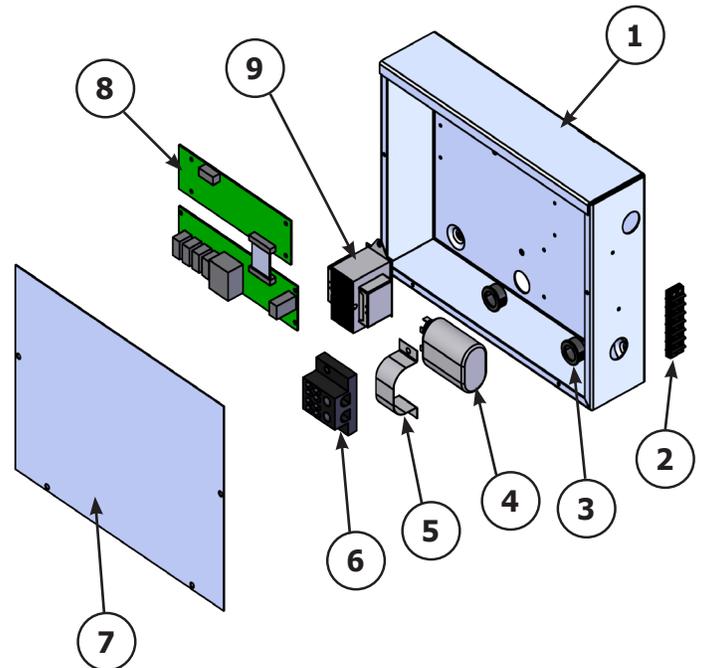
Condensation Pump Assembly [09-36]

Ref#	Model	Part Number	Description
Pump Assembly		240005754	ASSY,SUB,COND PUMP,SAUERMAN,CAC09-36
1	09-12	109005836	PNL,ACCESS,COND PUMP,CAC/H 09-12
	18-24	109006489	PNL,ACCESS,COND PUMP,CAC/H 18-24
	30/36	109005841	PNL,ACCS,COND PUMP,CAC/H 30/36
	09-36	109006468	BRKT,COND MGT,CAC 09-36
2	09-36	109005961	BRKT,MTG,COND PUMP,EPS FLOAT,CAC09-36



Control Box Assembly [09-36]

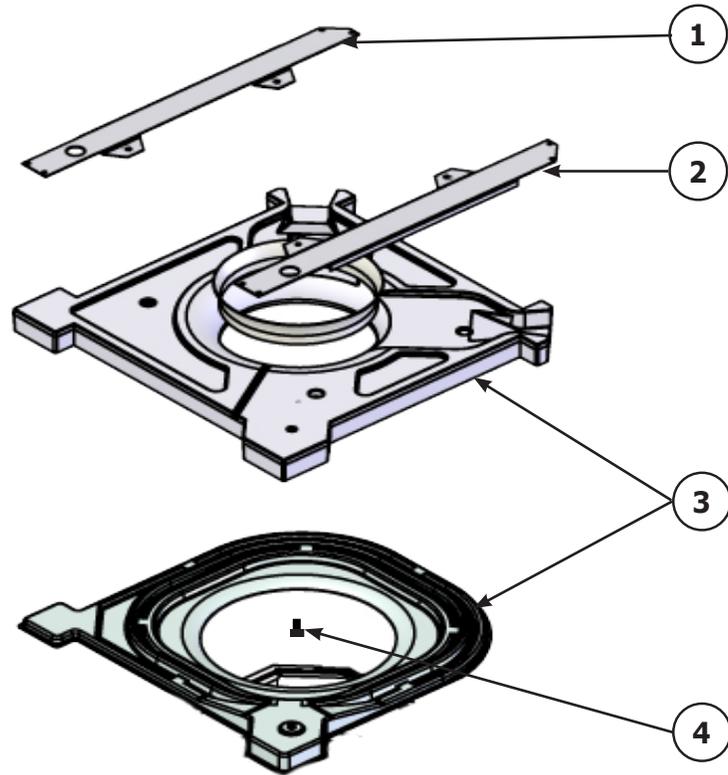
Ref#	Model	Part Number	Description
1	09-36	109008683	CTRL,BOX,CASSETTE 09-36 INVERTER
2	09-36	240002095	TERM,BLOCK,6 POSITION
3	09-36	206000007	BSH,7/8 TO 5/8 SB875-1-100899
4	09-36	240005775	CAPC,370V/2,1-1/4x2x2.18"H,OVAL
		126000006	CAPC,370V/3,1-1/4x2x1.6"H,OVAL
5	09-36	109000050	STRAP,CAPC MTG,FAN MTR
6	09-36	212000014	TERM,BLOCK,POWER
7	09-36	109005833	CTRL,BOX,COVER,CAH09-36
8	09	550002615	KIT,CTRL,INVTR,ASSY,CAHV09
	12	550002618	KIT, CTRL,INVTR,ASSY,CAHV12
	18	550002621	KIT, CTRL,INVTR,ASSY,CAHV18
	24	550002624	KIT, CTRL,INVTR,ASSY,CAHV24
	30	550002912	KIT, CTRL,INVTR,ASSY,CAHV30
	36	550002915	KIT, CTRL,INVTR,ASSY,CAHV36
9	09-36	240001264	TFMR,208/230V,50/60HZ,24V,40VA





Condensate Drain Assembly [09-24]

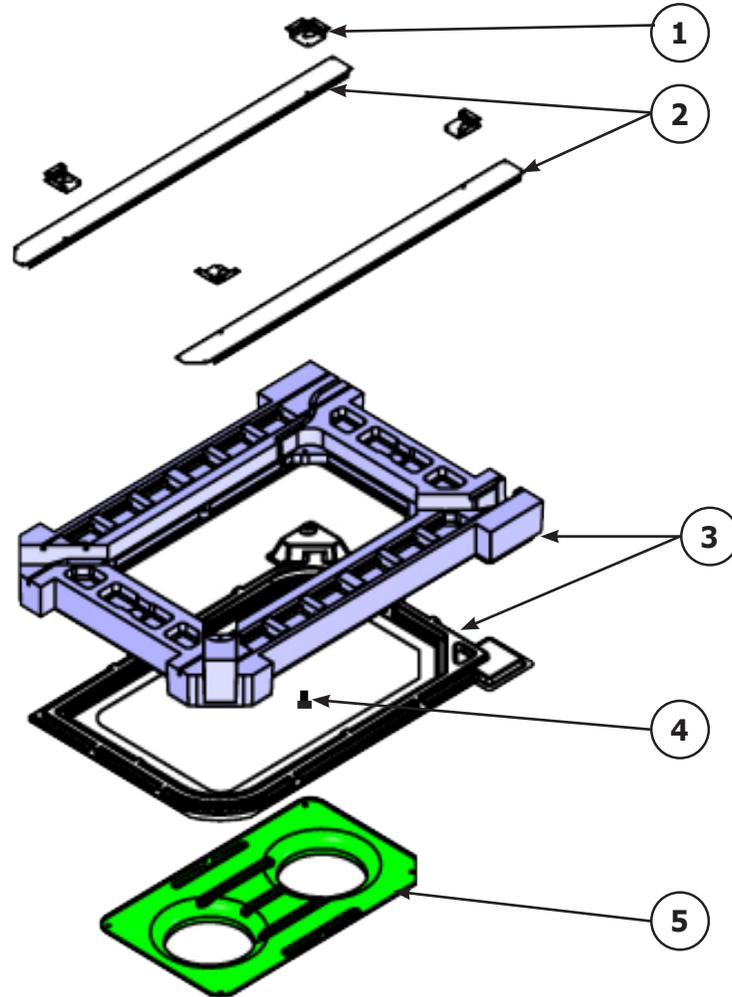
E-verter Variable Speed Cassette



Ref#	Model	Part Number	Description
1	09	109005835	BRKT,SUPT,LT,DRAIN PAN,WELD ASSY,CAC09
	18-24	109005845	ASSY,WLD,BRKT,SUPT,LT,DRN PAN,CAC18-24
2	09	109005834	BRKT,SUPT,RT,DRAIN PAN,WELD ASSY,CAC09
	18-24	109005844	ASSY,WLD,BRKT,SUPT,RT,DRN PAN,CAC18-24
3	09-12	550001791	KIT,DRN PAN,CAC/H09-12
	18-24	550001792	KIT,DRN PAN,CAC/H18-24
4	09-36	240005750	PLUG,RUBBER,DRAIN PAN,CAC09-36

Condensate Drain Assembly [36]

E-verter Variable Speed Cassette

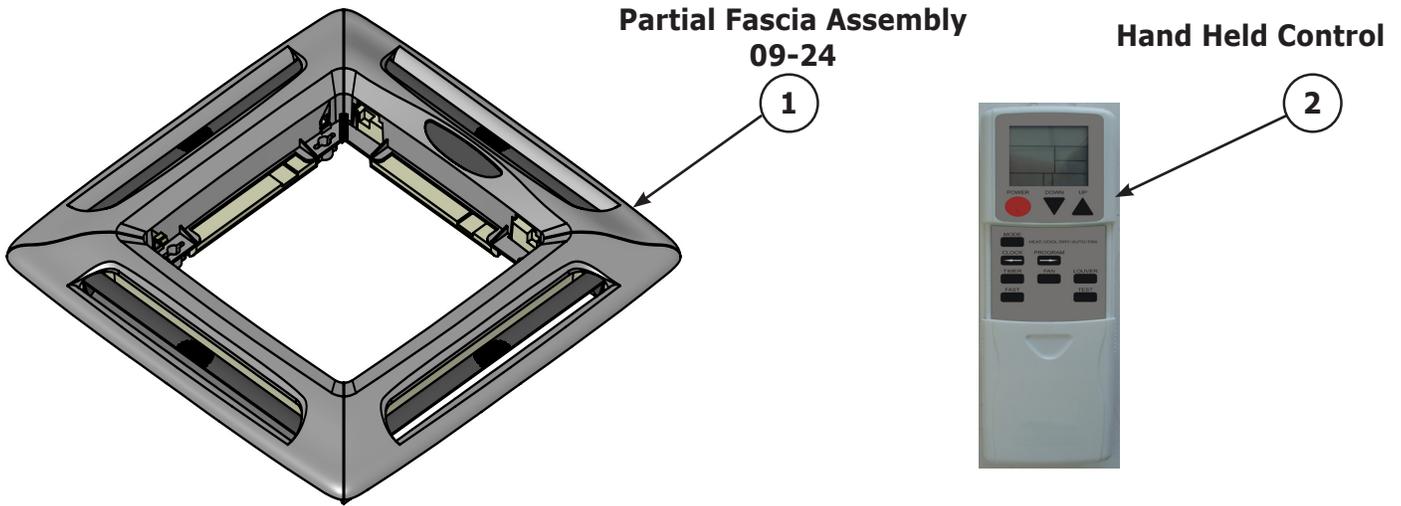


Ref #	Part Number	Description
1	109005970	BRKT,MTG,FASCIA,UPR,RT,CAC15-36
2	109005851	ASSY,BRKT,SUPT,LT,DRN PAN,CAC 30-36
3	550001793	KIT,DRN PAN,CAC30-36
4	240005750	PLUG,RUBBER,DRAIN PAN,CAC09-36
5	108000092	ORFICE,BLWR,CAC30-36



Fascia Assembly [09-24]

E-verter Variable Speed Cassette



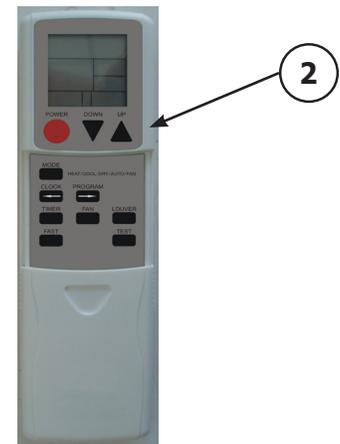
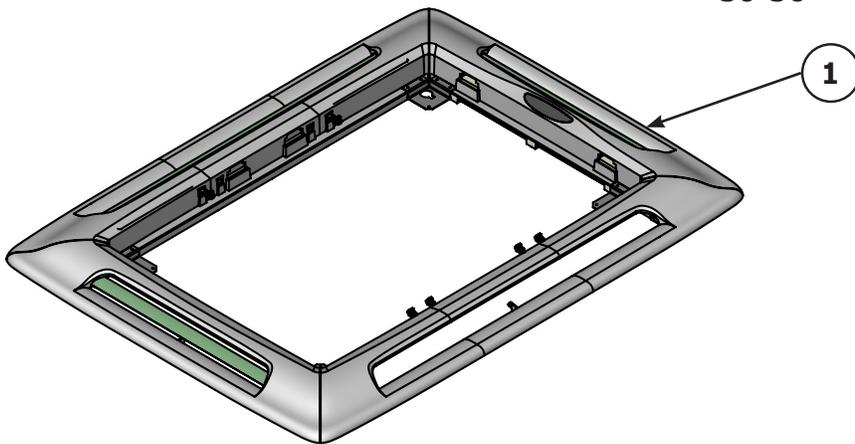
Ref #	Model	Part Number	Description
1	09-12	240010076	FASCIA,ASSY,CAC/H 09-12
	18-24	240010077	ASSY,FASCIA,PARTIAL,CAC/H 18-24
2	09-24	240009317	CTRL,RMT,HAND HELD,INVERTER
Not Shown	09-12	108000104	GRILLE,FASCIA,CAC 09-12
		108000110	GRL,FASCIA,CAC15-24
Not Shown	09-36	240005411	FLTR,CAC09-12
		240005412	FLTR,CAC15-36

Fascia Assembly [30-36]

E-verter Variable Speed Cassette

Partial Fascia Assembly
30-36

Hand Held Control



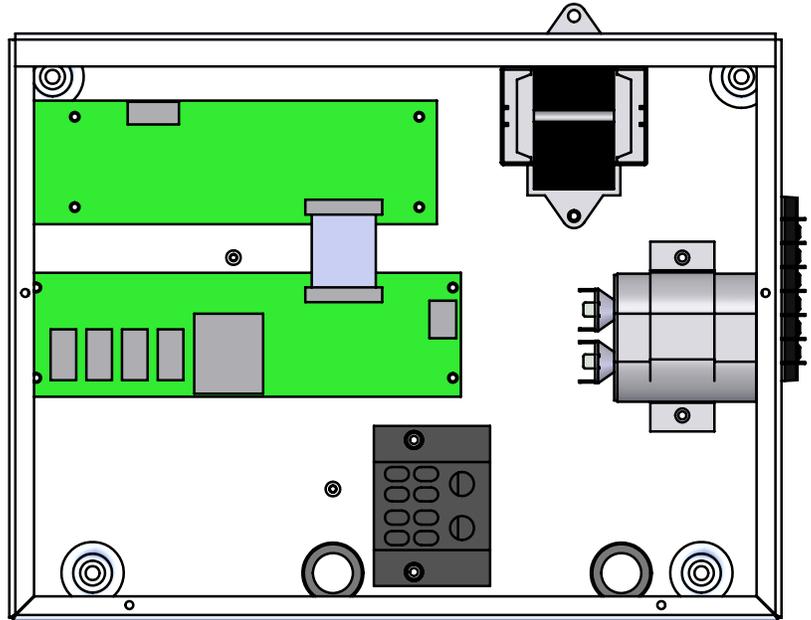
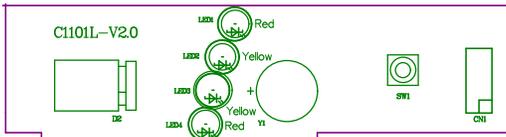
Ref #	Model	Part Number	Description
1	30-36	240010076	ASSY,FASCIA,PARTIAL,CAC/H 30-36
2	09-24	240010077	CTRL,RMT,HAND HELD,INVERTER
Not Shown	15-24	108000110	GRILLE,FASCIA,CAC15-24
Not Shown	30-36	108000111	SIDE,FASCIA,CAC 30-36



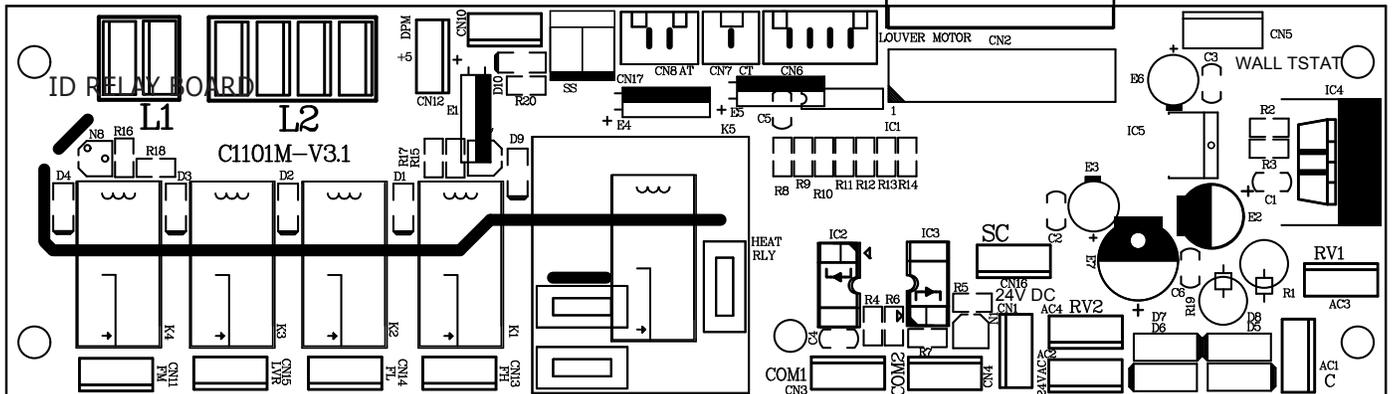
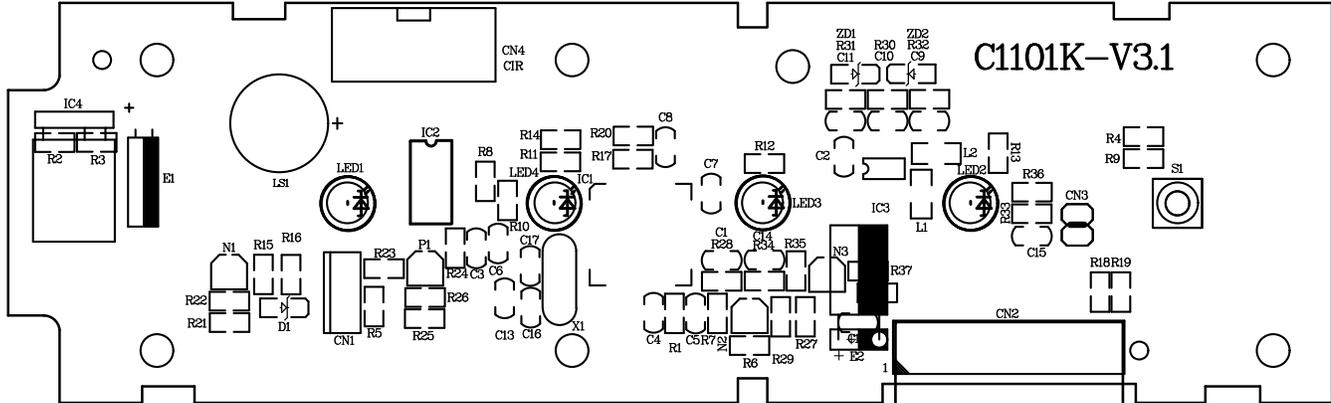
Board Layouts

E-verter Variable Speed Cassette

ID CAH SATELLITE BOARD



ID CAH LED BOARD



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