

# HITACHI

## SERVICE MANUAL

VC

No.0733E

# CV-400 ECO

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### SPECIFICATIONS

Rated voltage	: AC230V, 50Hz
Rated input	: IEC 800W, Max 900W
Motor	: Commutator motor
Fan	: Turbo type 1 stage
Maximum air flow (without attachment)	: 31.67 L/s (1.9 m <sup>3</sup> / min) ( 67.1 cu.ft/min)
Maximum static pressure	: 2,050 mm. H <sub>2</sub> O ( 80.7 in H <sub>2</sub> O )
Safety protector	: With 6.3A. Current Fuse
Power Cord	: 10 M.
Dust Capacity	: Max 7.5 L.
Speed	: 35,500 rpm.
Weight(without attachment)	: 4.0 Kg.
Dimensions	: 287 mm. (W) X 342 mm.(L) X 402 mm. (H)

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**SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE FOR IMPROVEMENT**

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## VACUUM CLEANER

JANUARY 2016

HITACHI CONSUMER PRODUCTS (THAILAND), LTD.

# 1. PARTLIST

## 1.1 CV-400 ECO (GN)

NO.	PARTS NO.	DESCRIPTION	Q'TY	PACKED Q'TY	REMARKS	ONLY FOR USE AT THE WORKS	
1	CV-400 001	UPPER CASE ASSY (GN)	1	1		2VAZ10576	A/V
2							
3							
4	CV-400 005	HANDLE (GN)	1	1		1V1EE1989	4/V
5							
6	CV-300 907	DUST INDICATOR COUPLING	1	1		2A4GD1563	1/V
7	CV-960BJ 906	DUST INDICATOR ASSY	1	1		3A4GE3019	G/V
8	—————	PPT SCREW M4X16	2			3VPD01939	1
9							
10							
11	CV-400 016	FUSE ASSY 6.3A(8028-E)	1	1		2J82E8028	E/V
12	CV-300 909	ROCKER SWITCH	1	1		1J61A9891	1/V
13	CV-300 910	CLAMP WITH SPRING (DG)	1	1	inc. 14-15	3A3QH2371	A/V
14	—————	CLAMP	1			3V1YP4645	1
15	—————	CLAMP SPRING	1			4A4T54349	1
16	CV-SH18 929	GASKET R (COMMON)	1	1		3A8LM0006	1/V
17	CV-300P 907	SILENCER T15	1	1		3A8PK9168	1/V
18	CV-300P 908	SILENCER T20	1	1		3A8PK9168	2/V
19	CV-400 010	F-GASKET (900W)	1	1		3VPR10191	1/V
20							
21	CV-400 009	MOTOR ASSY (TX) 900W	1	1	inc. 16,19	2K55J1423	E/V
22	CV-3160 902	BRUSH HOLDER ASS'Y	2	2		2C6ZH3678	B/V
23							
24	CV-SP20V 903	NOISE CAPACITOR ASS'Y (220-240V)	1	1		2J1ZH9674	B/V
25							
26	CV-300 906	MOTOR SUPPORTER	1	1	inc. 30	1V1ZC6501	A/V
27	—————	PPT SCREW M4X25	4		Use for Motor Supporter	3VPD01939	4
28							
29							
30	CV-300P 906	MOTOR BASE PACKING (CV300)	1	1		3B3BK8888	1/V
31	CV-300P 903	P-FILTER HEPA ASS'Y	1	1	inc.32-34	2V1ZG8191	A/V
32	—————	P-HEPA GUARD 300	1			1L47C6210	1
33	—————	P-HEPA GUARD CCOVER300	1			1L47C6211	1
34	Sales Item	P-FILTER HEPA 300	1	1		2L4ZG8876	A
35	CV-300 914	BUSHING	1	1		GK435130	3/V
36	CV-300 915	FIBER PLATE	1	1		4A3P18011	2/V
37	—————	PPT SCREW M4X16	2		Use for Fiber Plate	3VPD01939	1
38							

NO.	PARTS NO.	DESCRIPTION	Q'TY	PACKED Q'TY	REMARKS	ONLY FOR USE AT THE WORKS	
39	CV-300 916	CORD ASSY (VDE)	1	1		2B1XK6342	4/V
40	CV-300 917	FILTER ASSY	1	1		2V1Z35150	F/V
41							
42							
<b>43</b>	<b>CV-400 011</b>	<b>LOWER CASE (GN)</b>	<b>1</b>	<b>1</b>		<b>0VPP03499</b>	<b>1/V</b>
44	CV-300 918	SUCTION INLET (DG)	1	1		2V1YL5946	1/V
45	CV-300 919	INLET PACKING	1	1		3L4486549	1/V
46	—————	PPT SCREW M4X25	2		Use for Suction Inlet	3VPD01939	4
47	CV-100 939	CASTER SUPPORTER (DG)	2	1		2V1YK9097	1/V
48	CV-300 921	CASTER ASSY	2	1	inc.49,50	3L9ZA6538	F/V
49	—————	PPT SCREW M4X16	8			3VPD01939	1
50	CV-300 922	CASTER WASHER	2	1		4M8719499	1
51							
52	CV-300 924	WHEEL SUPPORTER ASSY (DG)	1	1	inc. 53	3L1Z95039	D/V
53	CV-300 925	WHEEL (100) DG	2	1		2L9333324	P/V
54	CV-300 926	HOSE ASSY	1	1	inc. 55-59	1A1ZA3203	U/V
55	—————	SEAL RING	2			3A2RC7604	1
56	—————	CD HOSE 3.0M	1			2VAZ10838	3
57	—————	STOPPER RING	2			3A2QC7605	4
58	CV-300 927	CURVED PIPE ASSY	1	1		2A1ZK9840	A/V
59	CV-300 928	HOSE CONNECTOR (B) ASSY	1	1		2A1ZK9841	A/V
60							
<b>61</b>	<b>CV-400 015</b>	<b>R&amp;F TOOL ASSY D321-ECO</b>	<b>1</b>	<b>1</b>		<b>1VZZ04502</b>	<b>A/V</b>
62							
63	CV-300 930	EXTENSION PIPE (S)	3	1		1A1NA9986	2/V
64	CV-300 931	DUSTING BRUSH ASSY	1	1		2V2ZC8940	B/V
65	CV-300 932	CREVICE NOZZLE C120 (DGR)	1	1		2V2EF2319	1/V
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## 1.2 CV-400 ECO (LB)

NO.	PARTS NO.	DESCRIPTION	Q'TY	PACKED Q'TY	REMARKS	ONLY FOR USE AT THE WORKS	
1	CV-400 002	UPPER CASE ASSY (LB)	1	1		2VAZ10576	B/V
2							
3							
4	CV-400 006	HANDLE (LB)	1	1		1V1EE1989	5/V
5							
6	CV-300 907	DUST INDICATOR COUPLING	1	1		2A4GD1563	1/V
7	CV-960BJ 906	DUST INDICATOR ASSY	1	1		3A4GE3019	G/V
8	—————	PPT SCREW M4X16	2			3VPD01939	1
9							
10							
11	CV-400 016	FUSE ASSY 6.3A(8028-E)	1	1		2J82E8028	E/V
12	CV-300 909	ROCKER SWITCH	1	1		1J61A9891	1/V
13	CV-300 910	CLAMP WITH SPRING (DG)	1	1	inc. 14-15	3A3QH2371	A/V
14	—————	CLAMP	1			3V1YP4645	1
15	—————	CLAMP SPRING	1			4A4T54349	1
16	CV-SH18 929	GASKET R (COMMON)	1	1		3A8LM0006	1/V
17	CV-300P 907	SILENCER T15	1	1		3A8PK9168	1/V
18	CV-300P 908	SILENCER T20	1	1		3A8PK9168	2/V
19	CV-400 010	F-GASKET (900W)	1	1		3VPR10191	1/V
20							
21	CV-400 009	MOTOR ASSY (TX) 900W	1	1	inc. 16,19	2K55J1423	E/V
22	CV-3160 902	BRUSH HOLDER ASS'Y	2	2		2C6ZH3678	B/V
23							
24	CV-SP20V 903	NOISE CAPACITOR ASS'Y (220-240V)	1	1		2J1ZH9674	B/V
25							
26	CV-300 906	MOTOR SUPPORTER	1	1	inc. 30	1V1ZC6501	A/V
27	—————	PPT SCREW M4X25	4		Use for Motor Supporter	3VPD01939	4
28							
29							
30	CV-300P 906	MOTOR BASE PACKING (CV300)	1	1		3B3BK8888	1/V
31	CV-300P 903	P-FILTER HEPA ASS'Y	1	1	inc.32-34	2V1ZG8191	A/V
32	—————	P-HEPA GUARD 300	1			1L47C6210	1
33	—————	P-HEPA GUARD CCOVER300	1			1L47C6211	1
34	Sales Item	P-FILTER HEPA 300	1	1		2L4ZG8876	A
35	CV-300 914	BUSHING	1	1		GK435130	3/V
36	CV-300 915	FIBER PLATE	1	1		4A3P18011	2/V
37	—————	PPT SCREW M4X16	2		Use for Fiber Plate	3VPD01939	1
38							

NO.	PARTS NO.	DESCRIPTION	Q'TY	PACKED Q'TY	REMARKS	ONLY FOR USE AT THE WORKS	
39	CV-300 916	CORD ASSY (VDE)	1	1		2B1XK6342	4/V
40	CV-300 917	FILTER ASSY	1	1		2V1Z35150	F/V
41							
42							
<b>43</b>	<b>CV-400 012</b>	<b>LOWER CASE (LB)</b>	<b>1</b>	<b>1</b>		<b>0VPP03499</b>	<b>2/V</b>
44	CV-300 918	SUCTION INLET (DG)	1	1		2V1YL5946	1/V
45	CV-300 919	INLET PACKING	1	1		3L4486549	1/V
46	—————	PPT SCREW M4X25	2		Use for Suction Inlet	3VPD01939	4
47	CV-100 939	CASTER SUPPORTER (DG)	2	1		2V1YK9097	1/V
48	CV-300 921	CASTER ASSY	2	1	inc.49,50	3L9ZA6538	F/V
49	—————	PPT SCREW M4X16	8			3VPD01939	1
50	CV-300 922	CASTER WASHER	2	1		4M8719499	1
51							
52	CV-300 924	WHEEL SUPPORTER ASSY (DG)	1	1	inc. 53	3L1Z95039	D/V
53	CV-300 925	WHEEL (100) DG	2	1		2L9333324	P/V
54	CV-300 926	HOSE ASSY	1	1	inc. 55-59	1A1ZA3203	U/V
55	—————	SEAL RING	2			3A2RC7604	1
56	—————	CD HOSE 3.0M	1			2VAZ10838	3
57	—————	STOPPER RING	2			3A2QC7605	4
58	CV-300 927	CURVED PIPE ASSY	1	1		2A1ZK9840	A/V
59	CV-300 928	HOSE CONNECTOR (B) ASSY	1	1		2A1ZK9841	A/V
60							
<b>61</b>	<b>CV-400 015</b>	<b>R&amp;F TOOL ASSY D321-ECO</b>	<b>1</b>	<b>1</b>		<b>1VZZ04502</b>	<b>A/V</b>
62							
63	CV-300 930	EXTENSION PIPE (S)	3	1		1A1NA9986	2/V
64	CV-300 931	DUSTING BRUSH ASSY	1	1		2V2ZC8940	B/V
65	CV-300 932	CREVICE NOZZLE C120 (DGR)	1	1		2V2EF2319	1/V
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### 1.3 CV-400 ECO (OR)

NO.	PARTS NO.	DESCRIPTION	Q'TY	PACKED Q'TY	REMARKS	ONLY FOR USE AT THE WORKS	
1	CV-400 003	UPPER CASE ASSY (OR)	1	1		2VAZ10576	C/V
2							
3							
4	CV-400 007	HANDLE (OR)	1	1		1V1EE1989	6/V
5							
6	CV-300 907	DUST INDICATOR COUPLING	1	1		2A4GD1563	1/V
7	CV-960BJ 906	DUST INDICATOR ASSY	1	1		3A4GE3019	G/V
8	—————	PPT SCREW M4X16	2			3VPD01939	1
9							
10							
11	CV-400 016	FUSE ASSY 6.3A(8028-E)	1	1		2J82E8028	E/V
12	CV-300 909	ROCKER SWITCH	1	1		1J61A9891	1/V
13	CV-300 910	CLAMP WITH SPRING (DG)	1	1	inc. 14-15	3A3QH2371	A/V
14	—————	CLAMP	1			3V1YP4645	1
15	—————	CLAMP SPRING	1			4A4T54349	1
16	CV-SH18 929	GASKET R (COMMON)	1	1		3A8LM0006	1/V
17	CV-300P 907	SILENCER T15	1	1		3A8PK9168	1/V
18	CV-300P 908	SILENCER T20	1	1		3A8PK9168	2/V
19	CV-400 010	F-GASKET (900W)	1	1		3VPR10191	1/V
20							
21	CV-400 009	MOTOR ASSY (TX) 900W	1	1	inc. 16,19	2K55J1423	E/V
22	CV-3160 902	BRUSH HOLDER ASS'Y	2	2		2C6ZH3678	B/V
23							
24	CV-SP20V 903	NOISE CAPACITOR ASS'Y (220-240V)	1	1		2J1ZH9674	B/V
25							
26	CV-300 906	MOTOR SUPPORTER	1	1	inc. 30	1V1ZC6501	A/V
27	—————	PPT SCREW M4X25	4		Use for Motor Supporter	3VPD01939	4
28							
29							
30	CV-300P 906	MOTOR BASE PACKING (CV300)	1	1		3B3BK8888	1/V
31	CV-300P 903	P-FILTER HEPA ASS'Y	1	1	inc.32-34	2V1ZG8191	A/V
32	—————	P-HEPA GUARD 300	1			1L47C6210	1
33	—————	P-HEPA GUARD CCOVER300	1			1L47C6211	1
34	Sales Item	P-FILTER HEPA 300	1	1		2L4ZG8876	A
35	CV-300 914	BUSHING	1	1		GK435130	3/V
36	CV-300 915	FIBER PLATE	1	1		4A3P18011	2/V
37	—————	PPT SCREW M4X16	2		Use for Fiber Plate	3VPD01939	1
38							

NO.	PARTS NO.	DESCRIPTION	Q'TY	PACKED Q'TY	REMARKS	ONLY FOR USE AT THE WORKS	
39	CV-300 916	CORD ASSY (VDE)	1	1		2B1XK6342	4/V
40	CV-300 917	FILTER ASSY	1	1		2V1Z35150	F/V
41							
42							
<b>43</b>	<b>CV-400 013</b>	<b>LOWER CASE (OR)</b>	<b>1</b>	<b>1</b>		<b>0VPP03499</b>	<b>3/V</b>
44	CV-300 918	SUCTION INLET (DG)	1	1		2V1YL5946	1/V
45	CV-300 919	INLET PACKING	1	1		3L4486549	1/V
46	—————	PPT SCREW M4X25	2		Use for Suction Inlet	3VPD01939	4
47	CV-100 939	CASTER SUPPORTER (DG)	2	1		2V1YK9097	1/V
48	CV-300 921	CASTER ASSY	2	1	inc.49,50	3L9ZA6538	F/V
49	—————	PPT SCREW M4X16	8			3VPD01939	1
50	CV-300 922	CASTER WASHER	2	1		4M8719499	1
51							
52	CV-300 924	WHEEL SUPPORTER ASSY (DG)	1	1	inc. 53	3L1Z95039	D/V
53	CV-300 925	WHEEL (100) DG	2	1		2L9333324	P/V
54	CV-300 926	HOSE ASSY	1	1	inc. 55-59	1A1ZA3203	U/V
55	—————	SEAL RING	2			3A2RC7604	1
56	—————	CD HOSE 3.0M	1			2VAZ10838	3
57	—————	STOPPER RING	2			3A2QC7605	4
58	CV-300 927	CURVED PIPE ASSY	1	1		2A1ZK9840	A/V
59	CV-300 928	HOSE CONNECTOR (B) ASSY	1	1		2A1ZK9841	A/V
60							
<b>61</b>	<b>CV-400 015</b>	<b>R&amp;F TOOL ASSY D321-ECO</b>	<b>1</b>	<b>1</b>		<b>1VZZ04502</b>	<b>A/V</b>
62							
63	CV-300 930	EXTENSION PIPE (S)	3	1		1A1NA9986	2/V
64	CV-300 931	DUSTING BRUSH ASSY	1	1		2V2ZC8940	B/V
65	CV-300 932	CREVICE NOZZLE C120 (DGR)	1	1		2V2EF2319	1/V
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## 1.4 CV-400 ECO (PI)

NO.	PARTS NO.	DESCRIPTION	Q'TY	PACKED Q'TY	REMARKS	ONLY FOR USE AT THE WORKS	
1	CV-400 004	UPPER CASE ASSY (PI)	1	1		2VAZ10576	D/V
2							
3							
4	CV-400 008	HANDLE (PI)	1	1		1V1EE1989	7/V
5							
6	CV-300 907	DUST INDICATOR COUPLING	1	1		2A4GD1563	1/V
7	CV-960BJ 906	DUST INDICATOR ASSY	1	1		3A4GE3019	G/V
8	—————	PPT SCREW M4X16	2			3VPD01939	1
9							
10							
11	CV-400 016	FUSE ASSY 6.3A(8028-E)	1	1		2J82E8028	E/V
12	CV-300 909	ROCKER SWITCH	1	1		1J61A9891	1/V
13	CV-300 910	CLAMP WITH SPRING (DG)	1	1	inc. 14-15	3A3QH2371	A/V
14	—————	CLAMP	1			3V1YP4645	1
15	—————	CLAMP SPRING	1			4A4T54349	1
16	CV-SH18 929	GASKET R (COMMON)	1	1		3A8LM0006	1/V
17	CV-300P 907	SILENCER T15	1	1		3A8PK9168	1/V
18	CV-300P 908	SILENCER T20	1	1		3A8PK9168	2/V
19	CV-400 010	F-GASKET (900W)	1	1		3VPR10191	1/V
20							
21	CV-400 009	MOTOR ASSY (TX) 900W	1	1	inc. 16,19	2K55J1423	E/V
22	CV-3160 902	BRUSH HOLDER ASS'Y	2	2		2C6ZH3678	B/V
23							
24	CV-SP20V 903	NOISE CAPACITOR ASS'Y (220-240V)	1	1		2J1ZH9674	B/V
25							
26	CV-300 906	MOTOR SUPPORTER	1	1	inc. 30	1V1ZC6501	A/V
27	—————	PPT SCREW M4X25	4		Use for Motor Supporter	3VPD01939	4
28							
29							
30	CV-300P 906	MOTOR BASE PACKING (CV300)	1	1		3B3BK8888	1/V
31	CV-300P 903	P-FILTER HEPA ASS'Y	1	1	inc.32-34	2V1ZG8191	A/V
32	—————	P-HEPA GUARD 300	1			1L47C6210	1
33	—————	P-HEPA GUARD CCOVER300	1			1L47C6211	1
34	Sales Item	P-FILTER HEPA 300	1	1		2L4ZG8876	A
35	CV-300 914	BUSHING	1	1		GK435130	3/V
36	CV-300 915	FIBER PLATE	1	1		4A3P18011	2/V
37	—————	PPT SCREW M4X16	2		Use for Fiber Plate	3VPD01939	1
38							



NO.	PARTS NO.	DESCRIPTION	Q'TY	PACKED Q'TY	REMARKS	ONLY FOR USE AT THE WORKS	
39	CV-300 916	CORD ASSY (VDE)	1	1		2B1XK6342	4/V
40	CV-300 917	FILTER ASSY	1	1		2V1Z35150	F/V
41							
42							
<b>43</b>	<b>CV-400 014</b>	<b>LOWER CASE (PI)</b>	<b>1</b>	<b>1</b>		<b>0VPP03499</b>	<b>4/V</b>
44	CV-300 918	SUCTION INLET (DG)	1	1		2V1YL5946	1/V
45	CV-300 919	INLET PACKING	1	1		3L4486549	1/V
46	—————	PPT SCREW M4X25	2		Use for Suction Inlet	3VPD01939	4
47	CV-100 939	CASTER SUPPORTER (DG)	2	1		2V1YK9097	1/V
48	CV-300 921	CASTER ASSY	2	1	inc.49,50	3L9ZA6538	F/V
49	—————	PPT SCREW M4X16	8			3VPD01939	1
50	CV-300 922	CASTER WASHER	2	1		4M8719499	1
51							
52	CV-300 924	WHEEL SUPPORTER ASSY (DG)	1	1	inc. 53	3L1Z95039	D/V
53	CV-300 925	WHEEL (100) DG	2	1		2L9333324	P/V
54	CV-300 926	HOSE ASSY	1	1	inc. 55-59	1A1ZA3203	U/V
55	—————	SEAL RING	2			3A2RC7604	1
56	—————	CD HOSE 3.0M	1			2VAZ10838	3
57	—————	STOPPER RING	2			3A2QC7605	4
58	CV-300 927	CURVED PIPE ASSY	1	1		2A1ZK9840	A/V
59	CV-300 928	HOSE CONNECTOR (B) ASSY	1	1		2A1ZK9841	A/V
60							
<b>61</b>	<b>CV-400 015</b>	<b>R&amp;F TOOL ASSY D321-ECO</b>	<b>1</b>	<b>1</b>		<b>1VZZ04502</b>	<b>A/V</b>
62							
63	CV-300 930	EXTENSION PIPE (S)	3	1		1A1NA9986	2/V
64	CV-300 931	DUSTING BRUSH ASSY	1	1		2V2ZC8940	B/V
65	CV-300 932	CREVICE NOZZLE C120 (DGR)	1	1		2V2EF2319	1/V
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# HITACHI

Printed in Thailand

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CV-400 ECO NO.0733E

HITACHI CONSUMER PRODUCTS(THAILAND), LTD.