Reuse and Recycling

Manual



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1. Manufacturer Information

Manufacturer:	iRobot Corporation	
Address:	8 Crosby Drive, Bedford, MA 01730 USA	
Website:	www.iRobot.com	
File Number:	318G1081.001	



2. Product Information

Model Identification	Regulatory Model Number RVC-Y1 & 4 Additional Faceplates
Product Description	Vacuum Cleaning Robot and Replacement Faceplates
Type Designation(s):	Vacuum Cleaning Robot
WEEE Category:	Category 2 (Small household appliances)
Weight [g]:	3765
Recyclability:	59.39%

Envi	ronmental Services	Reuse and Recycling Manual	TÜVRheinland® Precisely Right.		
	Туре І	Material/components which must be removed and treated separately According to Annex II of the 2012/19/EU (WEEE) directive.			
	Type II	Material/components which can disturb certain recycling processes.			
	Type III	laterial/components which have an economic value at end-of-life.			

3. Recycling Information: (Optional)

- Are plastic parts >10g marked according to ISO 11469?
- Is the product manufactured of 20% recycled material?

4. Directives and Standards: (Optional)

The following directives and standards have been considered:

- EN 50419:2006 "Marking of electrical and electronic equipment in accordance with Article 11(2) of Directive 2012/19/EU (WEEE)
- 2012/19/EU Directive 2012/19/EU of the European Parliament and of the Council of July 4, 2012 on waste of electrical and electronic equipment (WEEE)
- ISO 11469 "Generic Identification and Marking of Plastic Products"





5. Instructions for removing materials/components which must be removed and treated separately:





Nr.	Component	Material	Wt. (g)	Comments
1	Cables	Mixed	25	Treat Separately, 40% Recycle





5. Instructions for removing materials/components which must be removed and treated separately:





Nr.	Component	Material	Wt. (g)	Comments
2	Main PCB Roomba	PCB	100	Treat Separately, 50% Recycle





5. Instructions for removing materials/components which must be removed and treated separately:



Nr.	Component	Material	Wt. (g)	Comments
3	Home Base PCBs	PCB	85.9	Treat Separately, 50% Recycle





5. Instructions for removing materials/components which must be removed and treated separately:



Nr.	Component	Material	Wt. (g)	Comments
4	Unit Battery	Mixed	230	Treat Separately< Refer To Batteries Directive (2006/66/EC)





5. Instructions for removing materials/components which must be removed and treated separately:





Nr.	Component	Material	Wt. (g)	Comments
5	AA Batteries	Mixed	46.6	Treat Separately< Refer To Batteries Directive (2006/66/EC)





5. Instructions for removing materials/components which must be removed and treated separately:





Nr.	Component	Material	Wt. (g)	Comments
6	Brushes	Mixed	75	Treat Separately, 40% Recycle)





5. Instructions for removing materials/components which must be removed and treated separately:





Nr.	Component	Material	Wt. (g)	Comments
7	Wall Barrier PCB	PCB	8	Treat Separately, 50% Recycle





5. Instructions for removing materials/components which must be removed and treated separately:



Nr.	Component	Material	Wt. (g)	Comments
8	Dust Bin Door	Mixed	23.1	Treat Separately, 90% Recycle



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6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
1	Brush Holder	Non-ID Plastic	70	Incinerate

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6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
2	Bumper	Non-ID Plastic	110	Incinerate



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6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
3	Outer Trim	Non-ID Plastic	15	Incinerate

4



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6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
4	Faceplate	Non-ID Plastic	75	Incinerate

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6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
5	Filters	Non-ID Plastic	41.6	Waste

6



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6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
6	Cable Brackets	Non-ID Plastic	25	Incinerate



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6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
7	Sweeping Motor Casing	Non-ID Plastic	18	Incinerate

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6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
8	Wall Barrier Casing	Non-ID Plastic	47.7	Incinerate



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6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
9	Dust Bin	Non-ID Plastic	179.7	Incinerate



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6. Components/materials which may disturb certain recycling processes





Nr.	Component	Material	Wt. (g)	Comments
10	Misc. Plastic Parts	Non-ID Plastic	460	Incinerate

11



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6. Components/materials which may disturb certain recycling processes



Nr.	Component	Material	Wt. (g)	Comments
11	Misc. Rubber Pieces	Non-ID Rubber	30.3	Waste



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7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
1	Hardware	Alloy	53.9	Recycle



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7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
2	Home Base Charging Plates	Alloy	3.7	Recycle





7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
3	Misc. Metal Parts	Alloy	130	Recycle





7. Material/components which have an economic value at end-of-life.





Nr.	Component	Material	Wt. (g)	Comments
4	Power Cord	Mixed	99.1	Reuse



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7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
5	Fan and Motor	Mixed	52	Reuse



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7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
6	Wheel Assembly	Mixed	405	Reuse





7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
7	Motor	Mixed	137.6	Reuse





7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
8	Central Chassis	ABS	470	Recycle





7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
9	Lower Exterior Casing	ABS	180	Recycle



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7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
10	Upper Interior Casing	ABS	375	Recycle



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7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
11	Speaker	Mixed	8.9	Reuse



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7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
12	Sweeping Brush Motor	Mixed	43.5	Reuse



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7. Material/components which have an economic value at end-of-life.



Nr.	Component	Material	Wt. (g)	Comments
13	Home Base Casing	PC+ABS	140	Recycle



8. Recycling Information Summary:

Nr.	Component	Material	Wt. (g)	Comments
1	Cables	Mixed	25	Treat Separately, 40% Recycle
2	Main PCB Roomba	PCB	100	Treat Separately, 50% Recycle
3	Home Base PCBs	PCB	85.9	Treat Separately, 50% Recycle
4	Unit Battery	Mixed	230	Treat Separately< Refer To Batteries Directive (2006/66/EC)
5	AA Batteries	Mixed	46.6	Treat Separately< Refer To Batteries Directive (2006/66/EC)
6	Brushes	Mixed	75	Treat Separately, 40% Recycle)
7	Wall Barrier PCB	PCB	8	Treat Separately, 50% Recycle
8	Dust Bin Door	Mixed	23.1	Treat Separately, 90% Recycle
Nr.	Component	Material	Wt. (g)	Comments
1	Brush Holder	Non-ID Plastic	70	Incinerate
2	Bumper	Non-ID Plastic	110	Incinerate
3	Outer Trim	Non-ID Plastic	15	Incinerate
4	Faceplate	Non-ID Plastic	75	Incinerate
5	Filters	Non-ID Plastic	41.6	Waste
6	Cable Brackets	Non-ID Plastic	25	Incinerate

5/24/2018



8. Recycling Information Summary:

Nr.	Component	Material	Wt. (g)	Comments
7	Sweeping Motor Casing	Non-ID Plastic	18	Incinerate
8	Wall Barrier Casing	Non-ID Plastic	47.7	Incinerate
9	Dust Bin	Non-ID Plastic	179.7	Incinerate
10	Misc. Plastic Parts	Non-ID Plastic	460	Incinerate
11	Misc. Rubber Pieces	Non-ID Rubber	30.3	Waste
Nr.	Component	Material	Wt. (g)	Comments
1	Hardware	Alloy	53.9	Recycle
2	Home Base Charging Plates	Alloy	3.7	Recycle
3	Misc. Metal Parts	Alloy	130	Recycle
4	Power Cord	Mixed	99.1	Reuse
5	Fan and Motor	Mixed	52	Reuse
6	Wheel Assembly	Mixed	405	Reuse
7	Motor	Mixed	137.6	Reuse
8	Central Chassis	ABS	470	Recycle
9	Lower Exterior Casing	ABS	180	Recycle



8. Recycling Information Summary:

Nr.	Component	Material	Wt. (g)	Comments
10	Upper Interior Casing	ABS	375	Recycle
11	Speaker	Mixed	8.9	Reuse
12	Sweeping Brush Motor	Mixed	43.5	Reuse
13	Home Base Casing	PC+ABS	140	Recycle

Special notes: Some other components can be recycled. Please refer to the WEEE summary report. All images for representative purposes only.