



Canon Inc.

imageRUNNER ADVANCE DX C477iFZ



### Functional unit

Per unit product

### System boundary

- final products
- intermediate products

Raw Material acquisition, Production, Distribution

Use & maintenance, and End-of-Life stage

### Main specifications of the product

Model name: imageRUNNER ADVANCE DX C477iFZ

Specifications

- Multi Functional Printer (Electrophotography)
- Print Speed : Up to 50 ipm (letter)
- Duplex printing
- Weight: approx. 55kg

### Company Information

Canon Inc.

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Tokyo 146-8501, Japan

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Registration#	JR-AI-20099C
PCR number	PA-590000-AI-03
PCR name	Imaging input and/or output equipment
Publication date	11/2/2020
Verification date	10/23/2020
Verification method	System certification
Verification#	JV-AI-20099C
Expiration date	10/22/2025

### PCR review was conducted by:

Approval date	11/8/2019
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

### Third party verifier\*

Hiroyuki Uchida

Independent verification of data & declaration in accordance with ISO/TS14067

internal  external

\*Auditor's name is stated if system certification has been performed.



1. Quantification results, and contents of the declaration

CFP quantification unit : Per unit puroduct

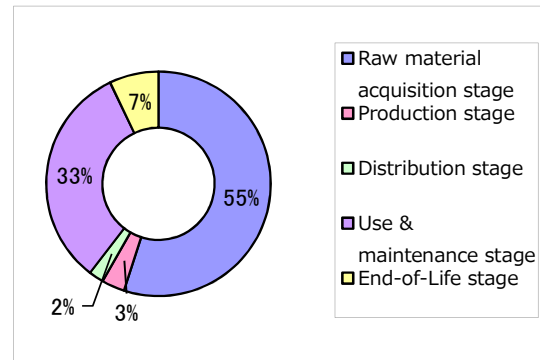
Parameter			Unit
<b>CFP Quantification result</b>		<b>1100</b>	<b>kg-CO<sub>2</sub>eq</b>
Breakdown	Raw material acquisition stage	600	kg-CO <sub>2</sub> eq
	Production stage	36	kg-CO <sub>2</sub> eq
	Distribution stage	23	kg-CO <sub>2</sub> eq
	Use & maintenance stage	350	kg-CO <sub>2</sub> eq
	End-of-Life stage	77	kg-CO <sub>2</sub> eq
<b>Value on CFP mark</b>		<b>1100</b>	<b>kg-CO<sub>2</sub>eq</b>
<b>Unit for the value on CFP mark</b>		<b>Per unit puroduct</b>	

\*Quantification results may slightly differ from the sum of the breakdown due to rounding of fractions.

3. Supplementary environmental information

Complies with the EU RoHS Directive (2011/65/EU) and its amendments including 2015/863/EU.  
Manufactured at ISO 14001 certified factories.

2. Additional information



Calculated in the following conditions;

- Printing paper is not considered.
- The pattern to be printed is the standard data specified by ISO19798.
- The standard scenario for Multifunction Device (EP type).
- The applied Energy Star program version is 3.0.
- Print volume: 374,400 sheets.
- US market.

4. Interpretation

- CO2 emission in Raw material acquisition stage is the largest as 55%. It is also important to reduce the size and weight, and to use low environmental impact materials.
- CO2 emission in Use & maintenance stage is the second largest as 33%. It is important to save energy during product usage and to make the life time of consumables longer. The condition in this CFP evaluation can be different from the one which the user operates under. A choice of the use condition (print mode, print conditions and so on) can reduce the CO2 emission during Use & maintenance stage.
- We evaluated the CFP with Canon's own data of raw materials weight and the general basic unit for the parts because it is difficult to collect the data for a couple of thousands of parts. Accordingly, the results may be different from the specific product specification.

As such, please be advised that this result would be a rough estimate.

5. Assumptions of secondary data used

IDEA v2.1.3, and registered data of EcoLeaf Environmental Labeling Program, JLCA data v1.07 are used.

6. Remarks

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- For data quantification, please refer to PCR and Rules on quantification and declaration.
- Comparative assertion is permitted only when Rules on quantification and declaration are satisfied.  
(Reference URL : <https://ecoleaf-label.jp/regulation/>)
- The CFP only addresses the single impact category of climate change and does not assess other potential social, economic and environmental impacts arising from the provision of a product.