

# Model : LDS4821ST

LG Electronics' strategic direction for greener products is to minimize the environmental load in every stage of the product lifecycle. Our process to improve environmental performance of our products is based on design for higher energy efficiency, reduction in raw materials use, improvements in recyclability and recycled content and in general, minimizing impact on human health and the environment.

The LG Electronics Environmental Declarations give information on the most relevant environmental aspects of the product.



Model image

## PRODUCT

|                        |                             |
|------------------------|-----------------------------|
| Product Type and Model | Dishwashers / LDS4821ST     |
| Weight                 | 89 lbs.                     |
| Dimension (W×H×D)      | 23 3/4" x 33 5/8" x 24 5/8" |

## PACKAGE

|                   |                          |
|-------------------|--------------------------|
| Dimension (W×H×D) | 24" x 34" x 25"          |
| Volume            | 20,400 inch <sup>3</sup> |
| Weight            | 9 lbs.                   |

## ENERGY & WATER CONSUMPTION

| Mode | Energy Consumption (kWh/yr) <sup>1</sup>       | Mode description |
|------|------------------------------------------------|------------------|
| On   | 285 / EF* : 0.76                               | Normal           |
| Mode | Water Consumption (gallons/cycle) <sup>2</sup> | Mode description |
| On   | 3.40                                           | Normal           |

1), 2) Energy Consumption results are derived from 'Energy star' certification data;

→ Annual energy consumption (kWh/yr) : 1.326 (kWh/cycle\_Normal mode) x 215 (cycle\_Normal mode/yr) = 285 kWh/yr

\*EF(Energy Factor) is a number computed for each dishwasher which enables you to compare the relative per-cycle efficiency of different units. The equation for Energy Factor is one divided by the kWh per cycle. This gives the number of cycles that can be powered with one kWh of energy.

## VOLUNTARY REPLACEMENT of HAZARDOUS SUBSTANCES

LG Electronics either has phased out or is phasing out the using of polyvinylchloride(PVC), brominated flame retardants (BFR), chlorinated flame retardants (CFR) and phthalates as defined in LG Electronics' Standard for Management of Hazardous Substances.

>> Further information on the hazardous substance management of LG Electronics' and hazardous substance phase out program and regarding REACH compliance can be found at:

<http://www.lg.com/global/sustainability/environment/management-of-hazardous-substances.jsp>

## RESTRICTED SUBSTANCES

In order to ensure that all LG Electronics' products and packaging comply with environmental regulations on the use of hazardous substances, LG Electronics manages our supply chain and material specifications for all materials used in LG products through implementation of LG standards for the management of hazardous substances in products and use of the LG hazardous substance management IT system.

- This product (including packaging) complies with the below mentioned directives and regulation.

### RoHS Directives

EU Directive 2002/95/EC

### REACH Regulation

EU Regulation 1907/2006/EC

### Packaging Directive

EU Directive 94/62/EC

### Ozone Depleting Substances

CFCs, HFCs, Halons, Chlorofluorocarbons as banned in the Montreal Protocol

### Others

Nickel/ F-gas etc.

## DISASSEMBLY and RECYCLING

- Mechanical plastics parts heavier than 5g are labeled with material codes in accordance with ISO 11469 and ISO 1043-1~4 to facilitate plastic recycling.
- **Recycling in the EU** : LG Electronics has fulfilled the WEEE directive demands in all EU countries. The following are recycling firms to which LG Electronics has subscribed: [http://www.lge.com/about/sustainability/take-back\\_Europe.jsp](http://www.lge.com/about/sustainability/take-back_Europe.jsp)
- **Recycling in the US and Canada** : LG Electronics complies with electronic waste regulations in each state in the US and in provinces of Canada. In addition, LG Electronics has voluntary collection sites and holds periodic collection events in states without e-waste laws in place. LG Electronics is also a proud sponsor of Keep America Beautiful's Great American Cleanup. The following are recycling firms to which LG Electronics has subscribed: <http://www.lg.com/global/sustainability/environment/take-back-recycling/global-network-korea.jsp>
- **Recycling in other regions** : LG Electronics also operates take-back and recycling programs for unwanted products in countries where local take-back regulations do not exist. Customers are advised to contact the local LG service center for further information.

## PACKAGING

- The product packaging does NOT contain :

Heavy metals according to EU Packaging Directive 94/62/EC

Ozone depleting substances as listed in the Montreal protocol

PVC

Plastic packaging material is marked in accordance with ISO 11469 and ISO 1043-1 to 4 or the relative regulation in Korea, Japan and China.

## INFORMATION for CUSTOMER

- Electronic devices shall not be thrown into household waste but be separated for correct recycling.
- Please separate the packaging material according to responsible waste disposal options and sorting for recycling for environmentally sound recycling ; contact your local LGE service center or check local regulations for correct disposal of household electronics.
- This product provides the user guide printed with soy ink for reducing emissions of VOCs (Volatile Organic Compounds) and reduction of metal pigments. To download a copy of LDS4821ST user guide, visit <http://www.lg.com/us/support/product/support-product.jsp>

>> Further Environmental information is presented in LG Electronics' Sustainability Report (PDF form) available online at : <http://www.lg.com/global/sustainability/communications/sustainability-reports.jsp>

## GREEN CERTIFICATION

| Category     | Label/Mark                                                                        | Name        | Reference                                                                                                                                           |
|--------------|-----------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| ENERGY Label |  | Energy star | <a href="http://www.energystar.gov/index.cfm?c=products.pr_find_es_products">http://www.energystar.gov/index.cfm?c=products.pr_find_es_products</a> |