Included products. Full-size refrigerator-freezers are eligible for ENERGY STAR® Most Efficient recognition in 2015.

Excluded products. The following products are not eligible for ENERGY STAR Most Efficient recognition in 2015:

- Compact models. For products certified under Version 5.0: Any refrigerator or refrigerator-freezer with total volume less than 7.75 cubic feet (220 liters rated volume as determined in Appendix A of 10 CFR subpart B).
- Freezers. At the present time, freezers are not eligible for ENERGY STAR Most Efficient recognition.
- All-refrigerators. At the present time, all-refrigerators are not eligible for ENERGY STAR Most Efficient 2015 recognition.

Recognition Criteria

1) Product must be ENERGY STAR certified consistent with applicable ENERGY STAR Partner Commitments and the requirements set forth in the ENERGY STAR Program Requirements Product Specification for Residential Refrigerators and Freezers, Version 5.0. Product performance must be certified by a certification body recognized by the U.S. Environmental Protection Agency (EPA).

2) Product must use less than or equal to 637 kWh per year and be at least 15% more efficient than federal requirements (see table below), as determined by the ENERGY STAR specified federal test procedure.

<table>
<thead>
<tr>
<th>Product Class</th>
<th>Maximum Annual Energy Use (kWh/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Refrigerator-freezers and refrigerators other than all-refrigerators with manual defrost. AV ≤ 65.6, $E_{ann} \leq 6.79^{*}AV + 191.3$ AV &gt; 65.6, $E_{ann} \leq 637$</td>
</tr>
<tr>
<td>2</td>
<td>Refrigerator-freezers—partial automatic defrost. AV ≤ 65.6, $E_{ann} \leq 6.79^{*}AV + 191.3$ AV &gt; 65.6, $E_{ann} \leq 637$</td>
</tr>
<tr>
<td>3</td>
<td>Refrigerator-freezers—automatic defrost with top-mounted freezer without an automatic icemaker. AV ≤ 63.9, $E_{ann} \leq 6.86^{*}AV + 198.6$ AV &gt; 63.9, $E_{ann} \leq 637$</td>
</tr>
<tr>
<td>3I-BI</td>
<td>Built-in refrigerator-freezer—automatic defrost with top-mounted freezer without an automatic icemaker AV ≤ 63.9, $E_{ann} \leq 6.86^{*}AV + 198.6$ AV &gt; 63.9, $E_{ann} \leq 637$</td>
</tr>
<tr>
<td>3I</td>
<td>Refrigerator-freezers—automatic defrost with top-mounted freezer with an automatic icemaker without through-the-door ice service. AV ≤ 51.6, $E_{ann} \leq 6.86^{*}AV + 282.6$ AV &gt; 51.6, $E_{ann} \leq 637$</td>
</tr>
<tr>
<td>3I-BI</td>
<td>Built-in refrigerator-freezers—automatic defrost with top-mounted freezer with an automatic icemaker without through-the-door ice service. AV ≤ 51.6, $E_{ann} \leq 6.86^{*}AV + 282.6$ AV &gt; 51.6, $E_{ann} \leq 637$</td>
</tr>
<tr>
<td>4</td>
<td>Refrigerator-freezers—automatic defrost with side-mounted freezer without an automatic icemaker. AV ≤ 53.0, $E_{ann} \leq 7.23^{*}AV + 253.1$ AV &gt; 53.0, $E_{ann} \leq 637$</td>
</tr>
<tr>
<td>4-BI</td>
<td>Built-In Refrigerator-freezers—automatic defrost with side-mounted freezer without an automatic icemaker AV ≤ 53.0, $E_{ann} \leq 7.23^{*}AV + 253.1$ AV &gt; 53.0, $E_{ann} \leq 637$</td>
</tr>
</tbody>
</table>
### Recognition Period

EPA will add eligible models to the ENERGY STAR Most Efficient 2015 product list for refrigerators from January 1, 2015 through December 30, 2015. The ENERGY STAR Most Efficient 2015 designation may be used in association with models recognized during this period for as long as the model remains on the market.

### Table: Refrigerator-freezers—automatic defrost with side-mounted or bottom-mounted freezer with an automatic icemaker without through-the-door ice service

<table>
<thead>
<tr>
<th>Product Class</th>
<th>Maximum Annual Energy Use (kWh/year)</th>
</tr>
</thead>
</table>
| 4I            | AV ≤ 41.4, $E_{ann} \leq 7.23\times AV + 337.1$  
                | AV > 41.4, $E_{ann} = 637$            |
| 4I-BI         | AV ≤ 41.4, $E_{ann} \leq 7.23\times AV + 337.1$  
                | AV > 41.4, $E_{ann} = 637$            |

### Table: Refrigerator-freezers—automatic defrost with through-the-door or through-the-window ice service

<table>
<thead>
<tr>
<th>Product Class</th>
<th>Maximum Annual Energy Use (kWh/year)</th>
</tr>
</thead>
</table>
| 4I            | AV ≤ 41.4, $E_{ann} \leq 7.23\times AV + 337.1$  
                | AV > 41.4, $E_{ann} = 637$            |
| 4I-BI         | AV ≤ 41.4, $E_{ann} \leq 7.23\times AV + 337.1$  
                | AV > 41.4, $E_{ann} = 637$            |

### Table: Built-in Refrigerator-freezers—automatic defrost with side-mounted or bottom-mounted freezer with an automatic icemaker without through-the-door ice service

<table>
<thead>
<tr>
<th>Product Class</th>
<th>Maximum Annual Energy Use (kWh/year)</th>
</tr>
</thead>
</table>
| 5I            | AV ≤ 37.7, $E_{ann} \leq 7.52\times AV + 353.5$  
                | AV > 37.7, $E_{ann} = 637$            |
| 5I-BI         | AV ≤ 37.7, $E_{ann} \leq 7.52\times AV + 353.5$  
                | AV > 37.7, $E_{ann} = 637$            |

### Table: Built-in Refrigerator-freezers—automatic defrost with through-the-door or through-the-window ice service

<table>
<thead>
<tr>
<th>Product Class</th>
<th>Maximum Annual Energy Use (kWh/year)</th>
</tr>
</thead>
</table>
| 5I            | AV ≤ 37.7, $E_{ann} \leq 7.52\times AV + 353.5$  
                | AV > 37.7, $E_{ann} = 637$            |
| 5I-BI         | AV ≤ 37.7, $E_{ann} \leq 7.52\times AV + 353.5$  
                | AV > 37.7, $E_{ann} = 637$            |

### Table: Refrigerator-freezers—automatic defrost with bottom-mounted freezer without an automatic icemaker

<table>
<thead>
<tr>
<th>Product Class</th>
<th>Maximum Annual Energy Use (kWh/year)</th>
</tr>
</thead>
</table>
| 5I            | AV ≤ 37.7, $E_{ann} \leq 7.52\times AV + 353.5$  
                | AV > 37.7, $E_{ann} = 637$            |
| 5I-BI         | AV ≤ 37.7, $E_{ann} \leq 7.52\times AV + 353.5$  
                | AV > 37.7, $E_{ann} = 637$            |

### Table: Refrigerator-freezers—automatic defrost with side-mounted freezer without an automatic icemaker

<table>
<thead>
<tr>
<th>Product Class</th>
<th>Maximum Annual Energy Use (kWh/year)</th>
</tr>
</thead>
</table>
| 5I            | AV ≤ 37.7, $E_{ann} \leq 7.52\times AV + 353.5$  
                | AV > 37.7, $E_{ann} = 637$            |
| 5I-BI         | AV ≤ 37.7, $E_{ann} \leq 7.52\times AV + 353.5$  
                | AV > 37.7, $E_{ann} = 637$            |

### Table: Refrigerator-freezers—automatic defrost with top-mounted freezer with through-the-door ice service

<table>
<thead>
<tr>
<th>Product Class</th>
<th>Maximum Annual Energy Use (kWh/year)</th>
</tr>
</thead>
</table>
| 6             | AV < 41.5, $E_{ann} \leq 7.14\times AV + 340.2$  
                | AV > 41.5, $E_{ann} = 637$            |
| 7             | AV < 35.3, $E_{ann} \leq 7.26\times AV + 380.5$  
                | AV > 35.3, $E_{ann} = 637$            |

### Table: Built-in Refrigerator-freezers—automatic defrost with side-mounted freezer with through-the-door ice service

<table>
<thead>
<tr>
<th>Product Class</th>
<th>Maximum Annual Energy Use (kWh/year)</th>
</tr>
</thead>
</table>
| 7I            | AV ≤ 35.3, $E_{ann} \leq 7.26\times AV + 380.5$  
                | AV > 35.3, $E_{ann} = 637$            |
| 7I-BI         | AV ≤ 35.3, $E_{ann} \leq 7.26\times AV + 380.5$  
                | AV > 35.3, $E_{ann} = 637$            |

### Notes

- $E_{ann} = $ Annual Energy Use
- $AV = $ Adjusted Volume

$AV = $ Adjusted Volume (AV) shall be calculated in accordance with the DOE test procedure in 10 CFR 430 Subpart B, Appendix A.