

GET THE SOLSTICE[®] LBA ADVANTAGE

See reduced costs and better insulation performance with Solstice[®] Liquid Blowing Agent (LBA) blends vs Vacuum Insulated Panels (VIPs)

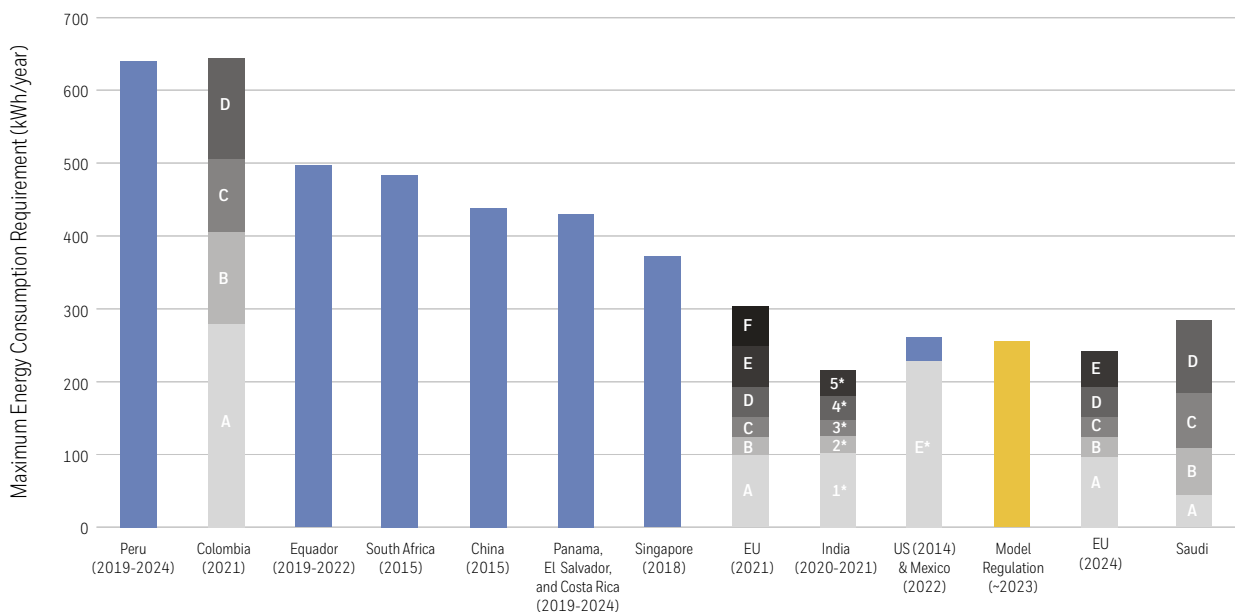


Honeywell

Solstice® Liquid Blowing Agent (LBA) has been the blowing agent standard for many years with energy-conscious refrigerator manufacturers. Updated energy-efficiency regulations are requiring refrigerator manufacturers to seek new ways to meet the requirements while producing a final product at a retail price point that is attractive to the end consumer. Solstice LBA, when used alone or as a blend with cyclopentane, can provide better insulation performance than using cyclopentane and vacuum insulated panels (VIPs).

ENERGY EFFICIENT CHART

Learn more about the new energy labeling requirements by region:



Comparison of maximum energy use requirements for refrigerator-freezers (25°C)

Source: Lawrence Berkeley National Laboratory [LBNL] analysis

[Accelerating The Global Adoption Of Climate-Friendly And Energy-Efficient Refrigerators \(Page 8\)](#)

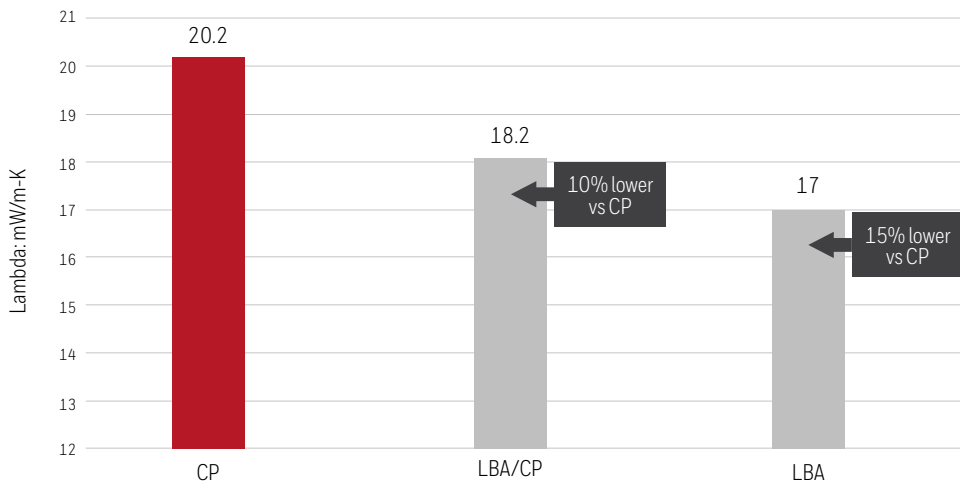
NOTES:

(Source: Lawrence Berkeley National Laboratory [LBNL] analysis)

1. For refrigerator-freezers, energy consumption at 25°C according to standards in Colombia, Panama, El Salvador, Costa Rica, India, Mexico, Singapore, and the U.S. is assumed to be less by 25 per cent than the energy consumption at 32°C. Energy consumption at 32°C according to the EU standard is assumed to be greater by 25 per cent than the energy consumption at 25°C. South Africa's requirement is equivalent to the current EU B class.
2. The maximum energy use requirement for India, U.S./Mexico, and other countries are for frost-free type, refrigerator-freezers—automatic defrost with top-mounted freezer without an automatic icemaker, and refrigerator-freezers, respectively, as defined in the standards.
3. The comparison is based on calculations for a two-door frost-free refrigerator-freezer with 300 L storage volume and freezer compartment accounting for 30 per cent of total volume.

TECHNICAL INFORMATION

K-Factor of Refrigerator Foam



Solstice® LBA optimized: 15% improvement over cyclopentane baseline

For more information

Visit www.honeywell-solsticelba.com

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