

SOLSTICE® L40X (R-455A)

Solstice® L40X is a mildly flammable, zeotropic blend designed as an alternative for low-, medium-, and high-temperature applications in new systems.



A LOW GWP OPTION FOR COMMERCIAL REFRIGERATION

Solstice® L40X is designed for new refrigeration systems that require strong performance with a lower environmental impact. It has a low global warming potential and provides a close capacity match to R-404A.

Solstice® L40X also offers an extended operating envelope compared to propane or air conditioning refrigerants, along with high energy efficiency.

DESIGNED FOR A WIDE RANGE OF APPLICATIONS

Solstice® L40X is an excellent refrigerant option for commercial refrigeration low-temperature applications such as plug-ins, condensing units, food service, water-loop systems, and similar applications.

Its low GWP, extended operating envelope, high efficiency, high critical temperature, and low critical pressure make it a potential match for other applications such as supermarkets, chillers, heat pumps, transport refrigeration, and more.

APPLICATIONS

[Application]	[Application]	[Application]	[Application]	[Application]	[Application]
PACKAGE TYPE					
PRODUCT PACKAGING SIZE					
SKU					
Jug					
Cylinder					
[Package Type]					
[Package Type]					

BENEFITS

- GWP of 146 / 148
- A2L refrigerant with minimal flammability profile
- High efficiency, high critical temperature, and low critical pressure
- Low discharge temperature, similar to R-404A / R-507
- Close capacity match to R-404A
- 30% lower mass flow compared to R-404A / R-507 for more compact systems
- Similar operating envelope compared to propane
- High energy efficiency
- Miscibility with POE lubricants



Solstice Advanced Materials Inc.
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