

I installed a 2-meter capillary tube. Is this a reason for ice buildup on the suction line?

Category: Refrigeration

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Troubleshooting frost on a refrigerator's suction line requires a deep understanding of pressure drops. If a 2-meter capillary tube was recently installed, it might be the primary culprit behind liquid floodback. This article explores the technical relationship between expansion device length, refrigerant flow, and the critical balance needed to protect the compressor from terminal damage.

Emkarate RL 68H Compatibility Chart with HFC HCFC HFO

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Understanding the chemistry between lubricants and refrigerants is vital for refrigeration longevity. While Emkarate RL 68H is a premium synthetic polyol ester (POE) oil designed for HFCs, its application with R600 (Isobutane) requires careful engineering consideration. This guide examines technical specifications, viscosity impacts, and the risks of mismatched oil-refrigerant pairs in domestic and commercial systems.