R134a vs. R600a Compressor Conversion

Category: Refrigeration
written by www.mbsm.pro | 2 January 2026



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Switching from R134a to R600a requires more than just changing the gas. This guide explains the critical “Displacement Rule”—why R600a compressors need nearly double the cylinder volume of R134a units to produce the same cooling. We cover charge calculation (45% rule), oil compatibility, and safety protocols for the modern artisan.