

# **Huayi HYB60MGU Compressor 1/7 HP R600a LBP**

Category: Refrigeration

written by [www.mbsmpro.com](http://www.mbsmpro.com) | January 18, 2026



The Huayi HYB60MGU is a high-efficiency hermetic reciprocating compressor specifically engineered for Low Back Pressure (LBP) applications. Operating on the eco-friendly R600a refrigerant, this 1/7 HP unit is a primary component in modern household refrigerators. This guide provides an in-depth technical analysis, electrical wiring configurations, and reliable replacement alternatives for field engineers.

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# **TEE NTU 170 MT Compressor 1/4 HP R600a**

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The TEE NTU 170 MT is a high-efficiency hermetic reciprocating compressor designed for low back pressure applications using R600a refrigerant. Known for its reliability in household refrigeration, this unit operates at 220-240V 50Hz. This article explores its technical specs, cooling capacity, and suitable replacements for HVAC technicians and engineers worldwide.

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# Compressor, Jaxipera, TT1113GY, 1/5 hp

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The Jaxipera TT1113GY is a high-performance hermetic compressor engineered for Low Back Pressure applications using R600a (Isobutane). Featuring a 11.3 cm<sup>3</sup> displacement and a cooling capacity of 183 Watts, it represents the gold standard for modern energy-efficient refrigeration, offering exceptional reliability and reduced acoustic emissions in the domestic market.

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## Copper Pipe Flaring: Common Mistakes and How to Avoid Them in HVAC and Plumbing Installations

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Mbsmpro.com, Copper Pipe, Flaring, HVAC, Plumbing, R600a, Mini-Split, Leak Prevention, Soft Copper, Flaring Block, 1/4", 3/8", 1/2", 5/8", Refrigerant Line

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## Embraco FMXY9C Compressor: R600a, 1/6

# HP

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Mbsmpro.com, Compressor, FMXY9C, Embraco, R600a, 1/6 hp, Cooling, 220-240V, 1Ph 50Hz, LBP, Fullmotion, Inverter, -35°C to -10°C, CE UL, Austria

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## Jaxipera VTH1113Y Compressor: R600a

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Jaxipera VTH1113Y is a high-efficiency inverter compressor using R600a refrigerant. Designed for LBP applications, it operates on 220-240V and offers quiet, reliable cooling for household refrigerators.

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## Compressor, LG, BMH089NHMV, 1/4 hp

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The LG BMH089NHMV is a 1/4 HP inverter compressor utilizing R600a refrigerant for high-efficiency refrigeration. With a variable speed range of 60-225 Hz and a displacement of 8.9 cc/rev, this BLDC motor unit provides precise cooling capacity up to 188W, making it ideal for modern household and commercial LBP applications.

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## Refrigerants, Standing, Suction and Discharge Pressures for Modern HVAC Systems

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| Typical Standing, Suction and Discharge Pressures for Modern HVAC Systems |              |                   |                  |                    |               |
|---|--------------|-------------------|------------------|--------------------|---------------|
| Refrigerant   | Temperature  | Standing Pressure | Suction Pressure | Discharge Pressure | Boiling Point |
| R22   | 100°F (38°C) | 300 psig          | 200 psig         | 300 psig           | -40°F (-40°C) |
| R134a   | 100°F (38°C) | 300 psig          | 200 psig         | 300 psig           | -40°F (-40°C) |
| R32   | 100°F (38°C) | 300 psig          | 200 psig         | 300 psig           | -40°F (-40°C) |
| R404A   | 100°F (38°C) | 300 psig          | 200 psig         | 300 psig           | -40°F (-40°C) |
| R407C   | 100°F (38°C) | 300 psig          | 200 psig         | 300 psig           | -40°F (-40°C) |
| R410A   | 100°F (38°C) | 300 psig          | 200 psig         | 300 psig           | -40°F (-40°C) |
| R290  | 100°F (38°C) | 300 psig          | 200 psig         | 300 psig           | -40°F (-40°C) |
| R600a   | 100°F (38°C) | 300 psig          | 200 psig         | 300 psig           | -40°F (-40°C) |
| R417A   | 100°F (38°C) | 300 psig          | 200 psig         | 300 psig           | -40°F (-40°C) |

Explore a practical refrigerant pressure chart with typical standing, suction and discharge pressures plus boiling points for R22, R134a, R32, R404A, R407C, R410A, R290, R600a and R417A.