

AC vs DC Refrigerator Compressors

Category: Refrigeration

written by www.mbsm.pro | 2 January 2026

The infographic features a blue background with a white and yellow title. It is divided into two columns. The left column, titled 'AC COMPRESSOR' in a blue box, lists four bullet points: 'Runs on Alternating Current', 'Less Energy Efficient', 'Noisy Operation', and 'Simple and Cost-effective'. The right column, titled 'DC COMPRESSOR' in a green box, lists four bullet points: 'Runs on Direct Current', 'Highly Energy Efficient', 'Quiet Operation', and 'Advanced Speed Control'. Below the text, two black compressor units are shown side-by-side on a light blue surface. The unit on the right has a white label that reads 'DIGITAL INVERTER'.

Refrigerator Compressors

AC vs DC

AC COMPRESSOR

- Runs on Alternating Current
- Less Energy Efficient
- Noisy Operation
- Simple and Cost-effective

DC COMPRESSOR

- Runs on Direct Current
- Highly Energy Efficient
- Quiet Operation
- Advanced Speed Control

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DC inverter refrigerator compressor vs AC compressor energy efficiency, noise level, temperature control, digital inverter technology, home and commercial cooling – Mbsmpro.com

White Whale WR-5395 HBX, 540L

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The White Whale 540-liter black refrigerator is a large-capacity top-mount model designed for families who need generous storage and efficient cooling in a stylish body. It combines No Frost technology, inverter motor, digital display, and an integrated water dispenser, making it an attractive choice for modern kitchens that prioritise performance and design.