

FORANE[®]
REFRIGERANTS
BY ARKEMA

Forane[®] 32 Manufacturer Spotlight



FORANE® 32 – LOW-GWP R-410A REPLACEMENT

Forane® 32 (R-32) has become one of the most prevalent and broadly accepted low-GWP R-410A replacement products across the globe. Implementation of R-32 into HVAC equipment requires components that are specifically designed and approved for use with the refrigerant. One manufacturer that is leading the way with a full range of products approved for R-32 is Danfoss. Their range of products include compressors, AC drives, valves, system protectors, electronics/sensors, and optimized heat exchangers.

DANFOSS DSF COMPRESSORS

- Full range (7.5-44 ton) of fixed-speed scroll compressors equipped with intermediate discharge valve (IDVs) technology to meet the latest seasonal efficiency requirements
- Mitigates the impact of high discharge gas temperature, without the need for costly liquid or vapor injection
- +10% volumetric capacity vs. R-410A for the same compressor size
- +2-5% energy efficiency vs. R-410A
- Wide operating map, suitable for use in reversible(heat-pump) systems

“ Around the world, air conditioning OEMs are switching away from R-410A. By adding a new R-32 range of products on top of our existing multi-refrigerant portfolio, we’re committed to providing the broadest range of options to our customers. ”

- MATTHIEU STOLL, DANFOSS COOLING, AC SEGMENT MARKETING DIRECTOR

R-32-ADAPTED

- ✓ Compressors
- ✓ AC Drives
- ✓ Valves
- ✓ System Protectors
- ✓ Electronics and Sensors
- ✓ Heat Exchangers



Please consult Arkema's disclaimer regarding the use of Arkema's products at <http://www.arkema.com/en/products/product-safety/disclaimer/index.html>

Global warming potential (GWP) values are relative to carbon dioxide on a 100-year basis and were obtained for the Fifth Assessment Report (AR5) of the Intergovernmental Panel on Climate Change (IPCC).

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