Systcold JDC
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Technical Newsletter Systcold JDC No. 4 · 11/2026

Technical summary of Systcold JDC from 02/11/2026 to 09/11/2026. All figures come from manufacturer catalogues loaded in the database.

New manufacturer data in the database

- **Bohn**: 2852 condensing unit, 192 monoblock, 67 evaporator
- **Friga-Bohn**: 716 evaporator, 9 condensing unit
- **Intersam**: 154 evaporator
- **ZANOTTI**: 111 monoblock
- **Rivacold**: 34 split system

The database today

- 15.594 condensing unit from 20 manufacturers
- 6.821 compressor from 16 manufacturers
- 3.026 evaporators from 7 manufacturers
- 2.390 thermostatic expansion valves from 4 manufacturers
- 937 evaporator from 3 manufacturers
- 820 electronic expansion valves from 4 manufacturers

New or updated technical datasheets

- BITZER ECOLINE 2ES 4ES 4E 6E PISTON
- BITZER ORBIT 6 8 SCROLL
- COPELAND EMERSON ZB SERIES
- COPELAND EMERSON ZF ZO SERIES
- COPELAND EMERSON ZR SERIES
- COPELAND SERIE YB
- DANFOSS SC SCM SERIES
- DANFOSS SERIE ML
- DANFOSS SERIE MLY
- DANFOSS SERIE MS
- DANFOSS SERIE MX
- DANFOSS TL MLZ SERIES

Gas of the month: R-507A

Azeotropic HFC (R-125/R-143a) · ASHRAE A1 · GWP 3985 · ODP 0.

Direct replacements: R-448A, R-452A (drop-in low temp).

With adjustment: R-449A; R-407F; R-454C (new installation · A2L, capacity ~10–15 % lower); R-455A (new installation · A2L, capacity ~10–15 % lower).

Regulations: Prohibited for new equipment EU; same GWP ~4000.

Complete R-507A datasheet

Featured compressor: COPELAND (Emerson) ZB Series

168 models in the database. Manufacturer oil: **POE ISO 32** (100 % of models). Gases: R-134a, R-449A, R-407A, R-407F, R-448A, R-404A. Power: 0.8–15 HP.

Complete datasheet

Complete and free technical catalogue: **systcoldjdc.com/gases** ·
Datasheets: **systcoldjdc.com/gases/fichas**



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