

Refrigeration Note

R22 Phase Out The message to our customers

The background

The world community has committed to eliminating R22 refrigerants (HCFCs) to a series of deadlines.

Prior to the deadlines customers can pursue new-build or retrofit strategies to cater for introduction of R22 substitutes.

The first of these occurs in Europe, the USA and a number of other countries. New-build systems based on R22 are already prohibited, while the use of virgin R22 is only allowed until the end of 2009 and the final phase-out of R22 in existing plants is scheduled for December 2014 in Europe.

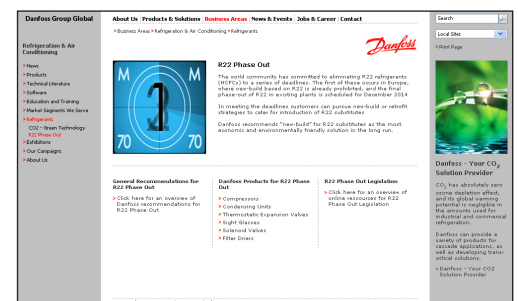
Danfoss recommendations

Danfoss recommends “new-build” for R22 substitutes as the most economic and environmentally friendly solution in the long run.

Alternatively, existing plants can be retrofitted to run on R22 substitutes, following a series of modifications and checks to ensure system reliability:

- heat exchanger compatibility and temperature glide
- a numerous replacement of filter-driers in order to ensure that the system is clean and dry
- operating pressure compatibility with existing components
- overall system performance and capacity drop
- specification compliance and warranty requirements
- Eventual compressor and/or component replacement.

Please visit our web site www.danfoss.com/r22 and see the Danfoss retrofit recommendations or contact your local Danfoss sales office.



Internal contact info

For further info on how to oblige customers in this matter please contact Mr. Anatolii Mikhailov amk@danfoss.com.