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*NU22B is a registered trademark of ICOR



Air Conditioning Refrigerants Guide

Refrigerants for systems
that were designed for
R-22 A/C Applications

GOOD CHOICE

of refrigerant for a system that was designed for R-22



APPLICATIONS:

- ✓ Residential Air Conditioning – *For Retrofitting*
- ✓ Commercial Air Conditioning – *For Retrofitting*

PERFORMANCE:

- ✓ Lower discharge temperature than R-22
 - ✓ Slightly lower capacity than R-22
 - ✓ No oil change required
- Properly sized R-22 TXVs will most likely be suitable for use with R-422B. If the valve is running at the limit of its capacity with R-22, it may appear undersized after the retrofit and may need to be replaced.
 - R-422B is compatible with Mineral, Alkylbenzene, and Polyester oil.
 - Same as NU22B**
 - This is a **GOOD CHOICE** for customers who want to switch to a non-ozone depleting refrigerant but do not want to change oil.

Available in the following cylinder sizes:

25 lb., 110 lb.

BEST CHOICE

of refrigerant for a system that was designed for R-22



APPLICATIONS:

- ✓ Residential Air Conditioning – *For Service*
- ✓ Commercial Air Conditioning – *For Service*

PERFORMANCE:

- ✓ Equipment designed for R-22 will perform the best using R-22
 - ✓ Compatible with Mineral, Alkylbenzene and Polyolester (POE) oil
- Servicing of R-22 systems is allowed for the life of the installed system.
 - R-22 is the best economic choice in most instances, when considering the costs associated with retrofitting.
 - Standard cylinders contain 30 lbs. vs. 25 lbs. or less for other R-22 alternatives.
 - This is the **BEST CHOICE** of all for a well maintained unit which will continue to function for many years.

Available in the following cylinder sizes:

30 lb., 50 lb., 125 lb., 1000 lb., 1750 lb.

BETTER CHOICE

of refrigerant for a system that was designed for R-22



APPLICATIONS:

- ✓ Residential Air Conditioning – *For New Equipment and Retrofitting*
- ✓ Commercial Air Conditioning – *For New Equipment and Retrofitting*

PERFORMANCE:

- ✓ Lower discharge temperature than R-22
 - ✓ Closest capacity match to R-22
 - ✓ Similar P/T and mass flow properties
 - ✓ No component changes
 - ✓ Compatible with Polyolester (POE) oil
- Existing R-22 TXVs will be sized correctly for R-407C. Superheat settings may be affected by the temperature glide.
 - For any retrofit job, it is recommended to change Schrader valve cores, o-rings on caps, and any seals found to be leaking.
 - This is a **BETTER CHOICE** than other refrigerants for customers who want to change to a non-ozone depleting refrigerant or who are replacing the condensing unit.

Available in the following cylinder sizes:

25 lb., 115 lb., 925 lb., 1550 lb.