

Manufactured by
TRANS BIO ENERGY COMPANY, USA.



Reduce your
ENERGY
costs by
10% to 35%

MaxR100™ for

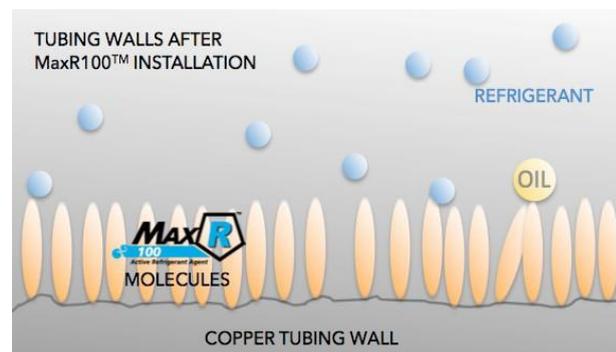
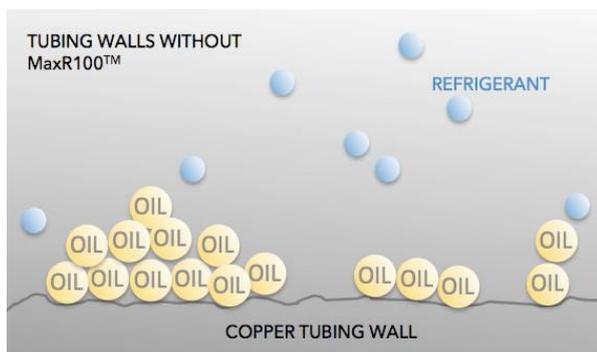
Air Conditioner, Heat Pumps, Refrigeration Systems & Chillers

The efficiency of AC & refrigeration systems drop by approximately 7% in the first year, 5% in the second year, and thereafter, approximately 2% every year due to "Oil Fouling". Oil fouling arises due to compressor oil build up on the metallic walls of the refrigeration tubing. This causes a reduction of the heat transfer from the refrigerant to the walls of the refrigerant tubing, which results in loss of ac & refrigeration efficiency. Further ramifications of oil fouling include increased maintenance and operation costs.

MaxR100™ is an intermetallic compound technology that when introduced into the refrigerant oil of a system, forms a permanent bond to its metal surfaces. This action removes oil fouling, changes the thermal nature of the metal, and lowers the boiling point of the refrigerant gas; resulting in a more efficient operating system with substantial savings in energy costs.

MAXR100™ IS UNIQUE

- ◎ MaxR100™ forms a protective molecular layer that will NOT change the mechanical tolerance
- ◎ MaxR100™ contains no elements of the Halogen Group. Particularly: Chlorine, Fluorine, Sulphur and Phosphorous
- ◎ MaxR100™ does NOT contain PTFE (Teflon) or any other particulate
- ◎ MaxR100™ forms will not contaminate waste oil





MAXRIOO™ BENEFITS

- @ Restores like-new performance
- @ Reduces energy consumption by 10%-30%
- @ Reduces humidity up to 50%
- @ Softens and conditions seals
- @ Quieter running equipment
- @ Reduced compressor run time
- @ Extends lubricant life
- @ Extends equipment life
- @ Less downtime & maintenance costs

- @ Outstanding anti-friction protection

- @ Reduces oxidation
- @ Protects mechanical parts
- @ Rapidly improves operation conditions

- @ Lower vent temperatures

MAXRIOO™ APPLICATION

MaxR 100™ is added to the system in the same way that the refrigerant is applied. For units up to 30 tons, 1 fl oz of MaxR 100™ per ton is applied. For units over 30 tons, 10% of the compressor oil is removed and replaced with MaxR 100M

EQUIPMENT WARRANTY

Manufacturers have set specifications that the recommended oil needs to meet. MaxR100™ meets all manufacturers specifications (Please ask for our specification sheet).

INSTALLATION

It typically takes an HVAC technician about 15 minutes to install MaxR 100. Although results are felt and heard almost immediately, allow two weeks for the product to produce its full benefits. MaxR 100™ is a one time application.



Tested and verified by Intertek Testing Service NA, Inc, Ohio for Metal Compatibility, Oil Miscibility & Chemical Stability (per ANSI/ASHRAE 97).

YOUR LOCAL DISTRIBUTOR! DEALER

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