



# DUAL-KOOL and FREE-KOOL SAVE MONEY

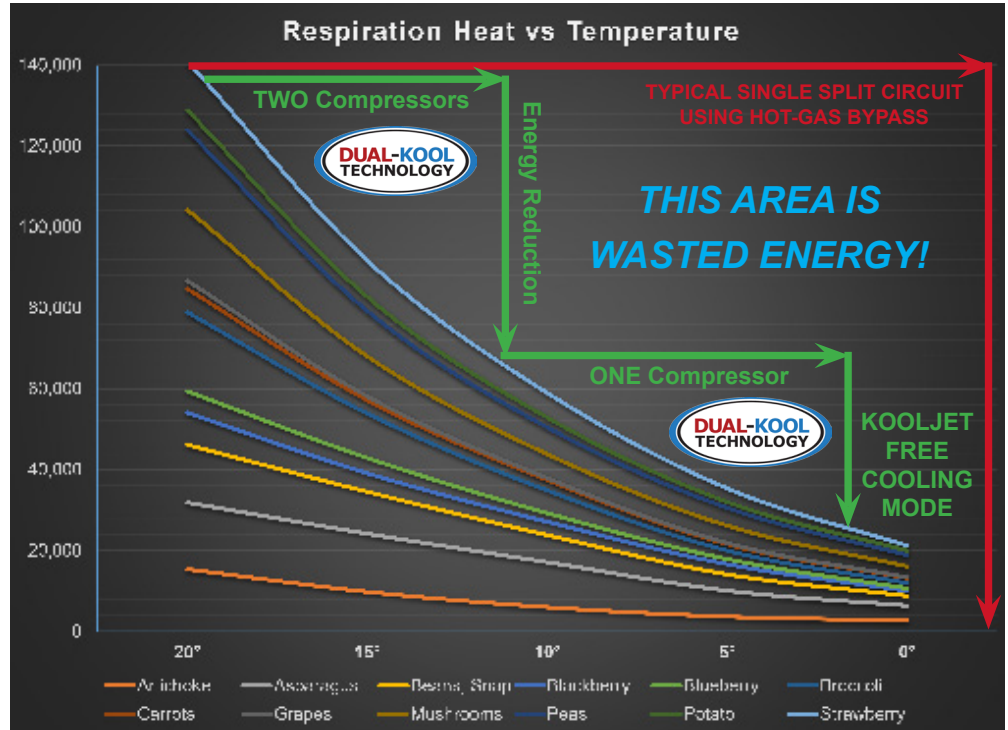
Authorities in Refrigeration Technology

## DUAL-KOOL Advantage

DUAL-KOOL can stage off a compressor as plant respiration reduces. This provides a huge energy saving approach. Single split systems must use energy-wasting hot-gas-bypass *increasingly* as the plant respiration is *reduced*!

DUAL-KOOL tracks with the real post-harvest heat curve *without* compressor energy MUCH better than a single-circuit, non-inter-leaved split system.

FREE-KOOL is available on many models and provides the ultimate in maximum cooling while using minimum energy!

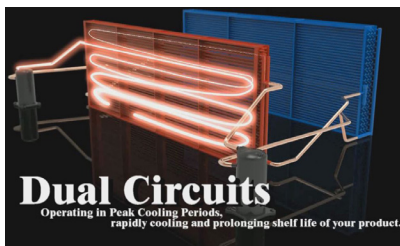


Source Data: USDA "Commercial Storage of Fruits, Vegetables, and Florist and Nursery Stocks" 2016

## FREE-COOLING - SAVE UP TO 85%

Chillers utilize the outside low air temperatures for chilling liquid instead of operating energy intensive mechanical refrigeration systems. When the ambient air temperature drops below the set point the system allows the chilled liquid to by-pass the chiller and run through the free cooling system, saving approximately 85% of the electrical energy when operating.

This also eliminates low refrigerant head pressure and low ambient startup concerns. Free-cooling reduces the number of compressor operating hours and eliminates the most difficult conditions which extends system life.



## IN-LINE Free-Cooling Systems

Kooljet "FREE-KOOL" packages can be incorporated IN-LINE to any system to give all the Free Cooling benefits to existing or new chilled water systems.

- Outside cold air is utilized instead of compressor electricity.
- Running period of existing compressors will be reduced.
- Reduced wear and tear due to fewer hours of operation.
- Life expectancy of existing equipment will be extended.
- Energy costs will be reduced.
- Free cooling system automatically switches when required.
- Payback for a new system could be as little as 12 months.



Proven Refrigeration Technologies

KoolJet • Toll Free: (866) 748-7786 • [www.kooljet.com](http://www.kooljet.com) | [info@kooljet.com](mailto:info@kooljet.com)