

Keep Your Valuable Samples Safe.

Deep Freezer

M Series

Available with a wide
range of capacities

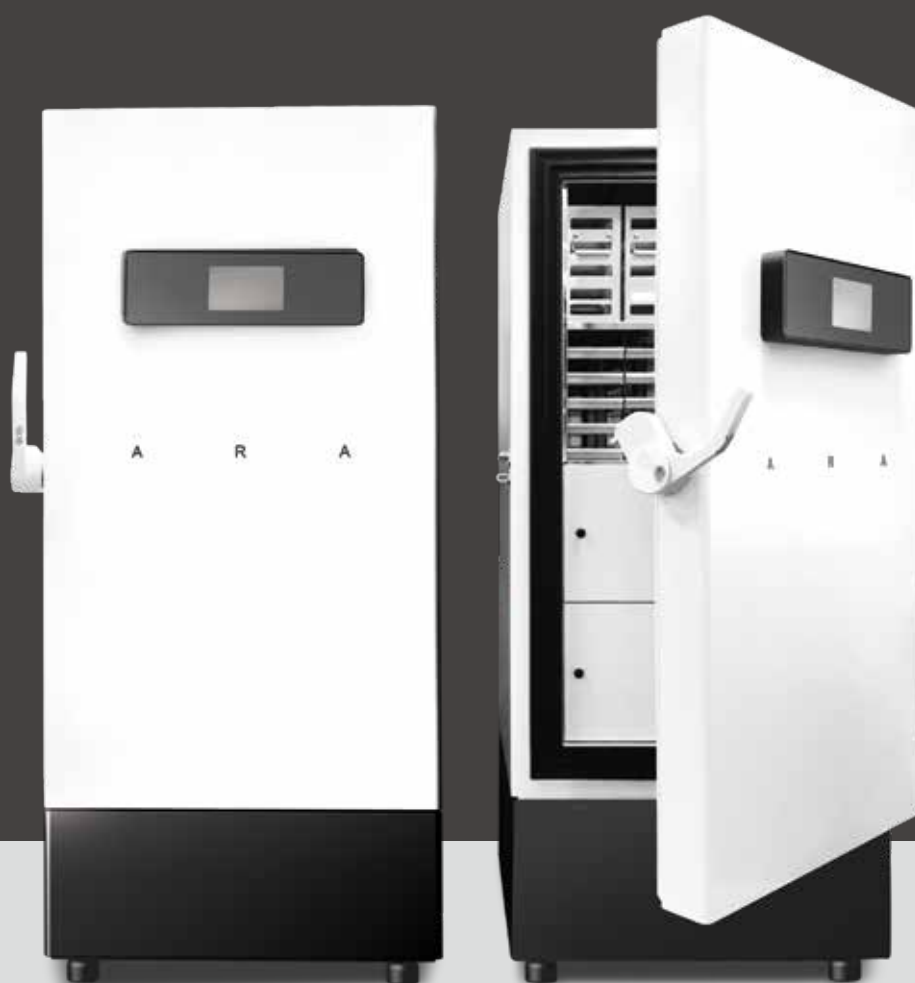
317 L

732 L

404 L

870 L

514 L



towards

Failure-free Freezer

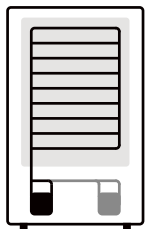
**Dual Independent
Refrigeration**

**Special Mixture
of Refrigerants**

**Independent
PCB Boards**

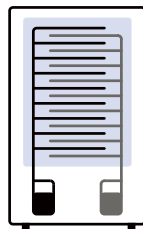
Failure-free Freezer

Independent Dual Compressor System

**Cascade refrigeration**

Two compressors work together as one cooling system.

If one compressor fails, the system would be failed, resulting in immediate temperature rise.

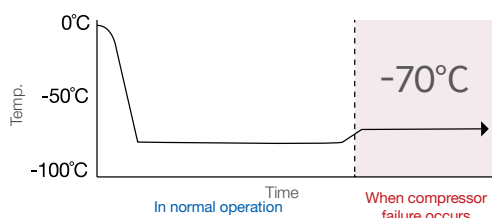
**Dual Independent refrigeration**

Two compressors work independently as two separate cooling systems.

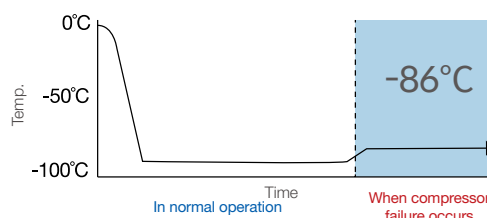
If one compressor fails, the other can maintain the system at a certain* temperature.

*ARA M-series
300~500L: -86°C
700~870L: -80°C

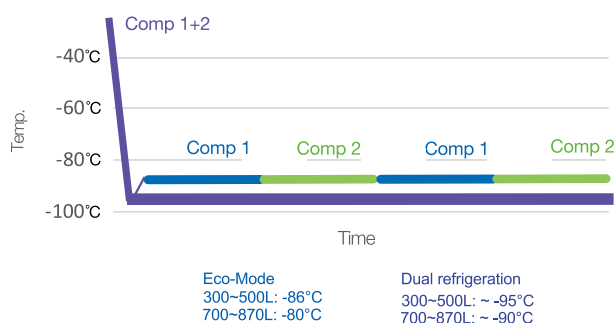
Special mixture of coolants

**General dual independent compressor freezers**

A general dual independent compressor system can maintain the system temperature at -70 °C if one of the compressors fails.

**ARA M-Series-** Dual independent compressor with special mixture of refrigerants

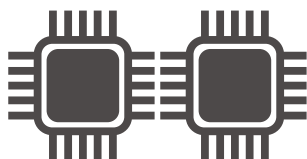
ARA M-series can maintain the system temperature at -80 or -86 °C * when one of the dual compressors fails owing to the special mixture of refrigerants.

**Eco-Mode**

The two compressors work alternately to maintain the temperature of -80 or -86 °C * with "Eco-mode," extending the compressor lifespan and increasing energy efficiency.

*ARA M-series
300~500L: -86°C / 700~870L: -80°C

Independent PCB boards



The motherboard is split into two independent PCB boards, temperature control, and alarm to eliminate the possibility of complete system failure.

