



ECO RING

SYSTEM

arneg

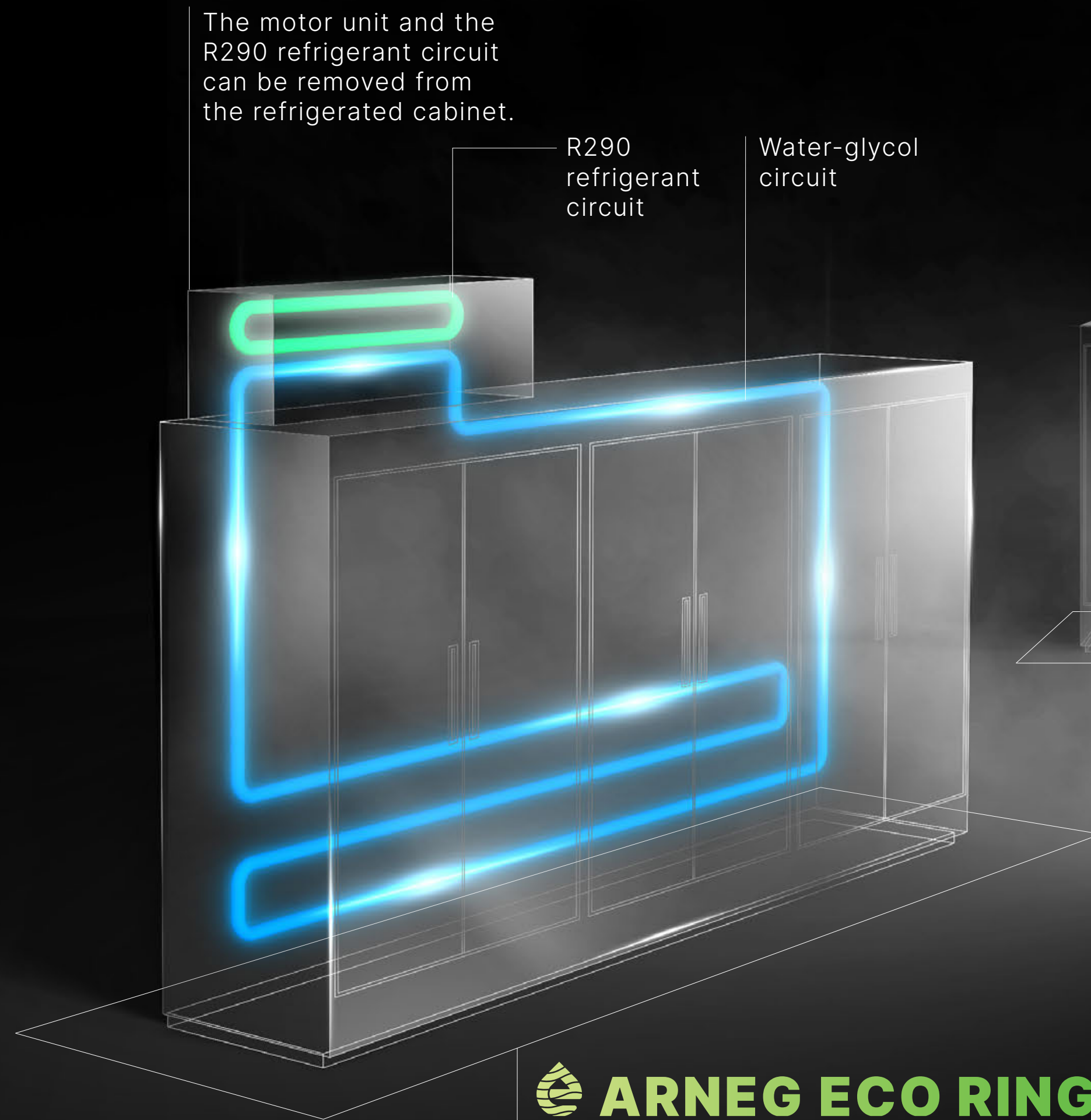


REFRIGERATION THAT PROTECTS THE FUTURE



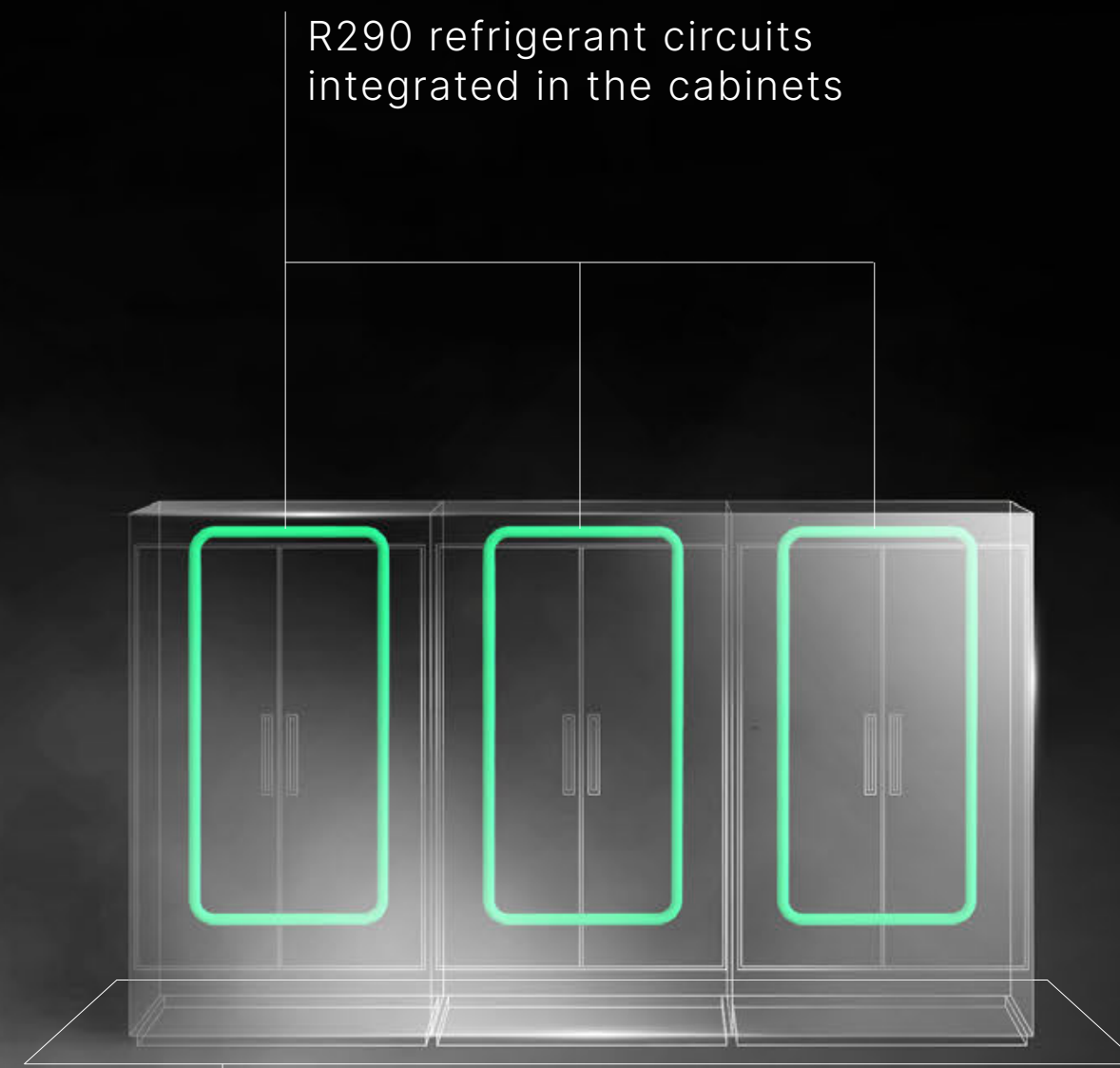
Sustainable, high-performance innovation is needed to combat climate change.

Arneg's revolutionary Eco Ring system is a refrigeration solution that significantly reduces impact on the environment and guarantees improved safety too, thanks to the use of a smaller quantity of natural gas to cool even large refrigerated display cases in plug-in mode.



ARNEG ECO RING

Just one unit with integrated R290 circuit for a refrigerated cabinet of 3750 mm



CONVENTIONAL PLUG-IN SYSTEM

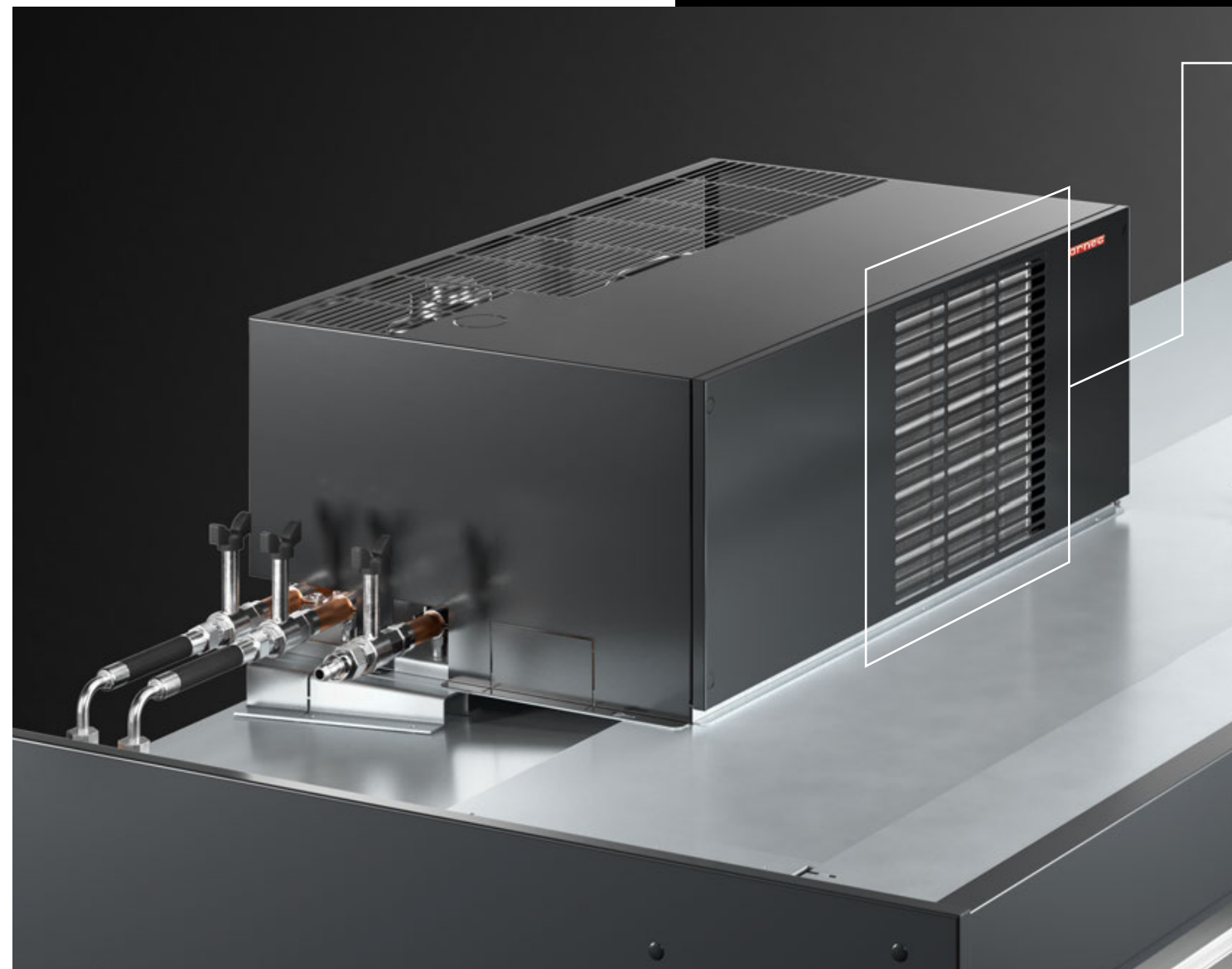
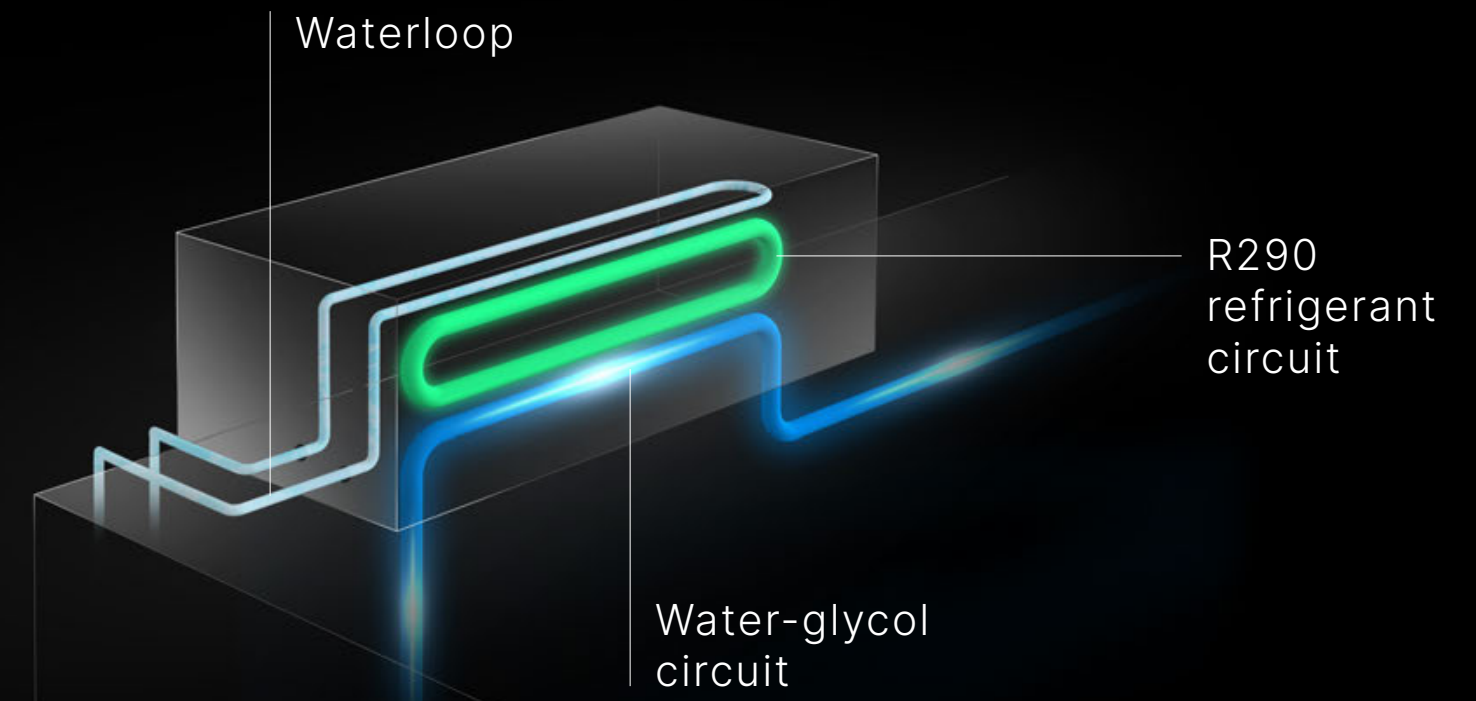
Three 1250 mm modules, three units, three R290 gas circuits to serve one refrigerated cabinet of 3750 mm

A REVOLUTION IN REFRIGERATION.

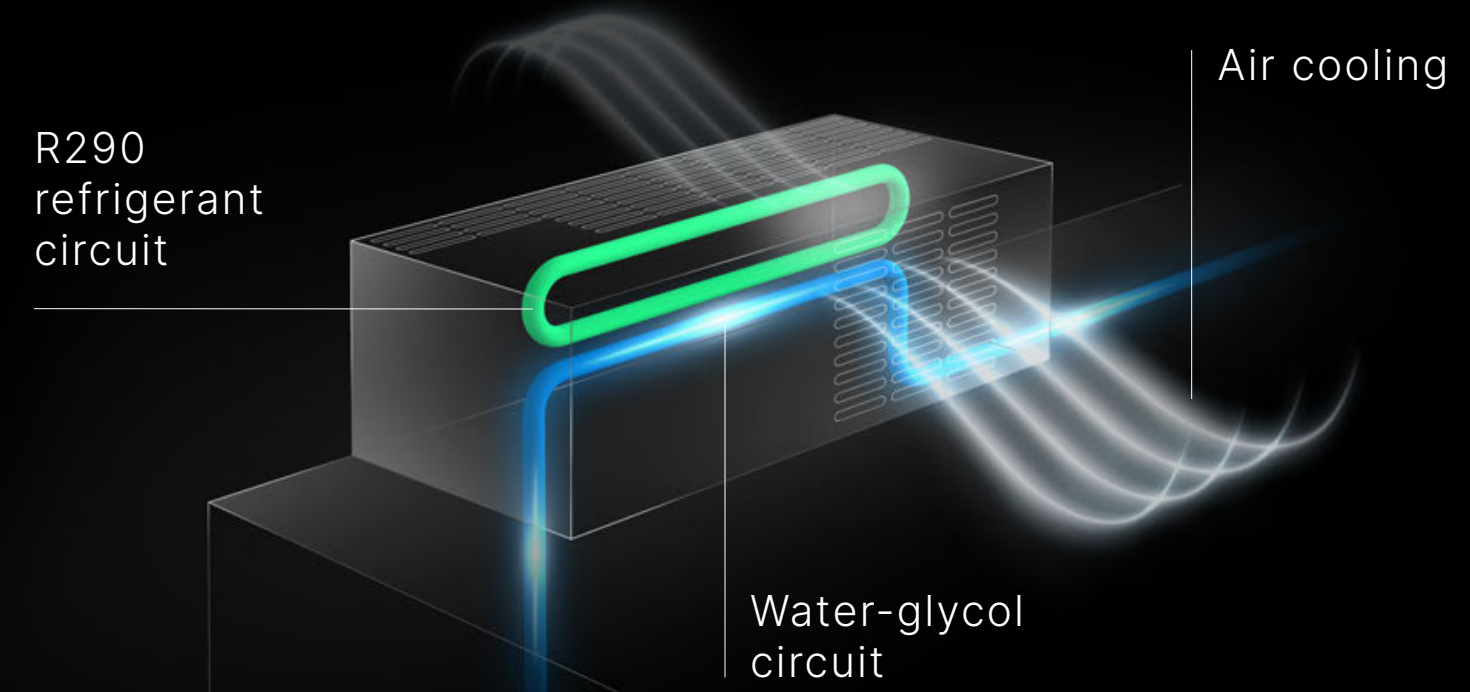
A new era is beginning: with **Arneg Eco Ring**, plug-in refrigerated displays become more ecological and more flexible, with no limits on size. The motor, connected to the cabinet but located in an external unit, uses only a minimum quantity of R290 refrigerant to cool the water-glycol circuit that flows through the display keeping products at the right temperature. Compared to a conventional plug-in system, **Arneg Eco Ring** uses only one removable unit and far less R290 gas. The result? **Efficiency, safety and sustainability.**



WATERLOOP CONDENSATION



AIR CONDENSATION



The new dimension in sustainability.
Arneg Eco Ring can turn even large cabinets into plug-in modules thanks to the use of natural refrigerants that reduce the environmental impact of the store.

Quick and easy reconfigurations.
Cabinets incorporating Eco Ring technology can be moved easily, offering maximum flexibility in store layout changes.

Great flexibility in application.
Arneg Eco Ring technology can be applied to a vast range of normal temperature vertical refrigerated cabinets with doors.



BENEFITS

Easy to install in any space.

To make it easier to transport cabinets, the refrigeration unit can even be supplied separately, preconfigured for easy connection.

Simpler maintenance.

The unit connects to the cabinet via simple water connections. If necessary, the refrigeration unit can be changed easily without having to empty or move the cabinets itself.

Exceptional safety.

Only a minimum quantity of R290 refrigerant is present, outside the cabinet and enclosed in a circuit hermetically sealed by the manufacturer.

Display length	1875 mm	2500 mm	3750 mm
Air condensation	130 g	130 g	150 g
Waterloop condensation	150 g	150 g	150 g



BENEFITS

FEWER UNITS, MORE FREEDOM.

With **Arneg Eco Ring**, one unit is all that is needed to maintain the right temperature in plug-in displays of up to 3750 mm using natural gases. This unique innovation frees up space and eliminates unnecessary equipment. **Arneg Eco Ring** is currently available for use with Arneg **Santiago**, **Osaka** and **Minsk** normal temperature vertical cabinets but will soon become available for other models too, constantly improving the performance and ecological sustainability of Arneg refrigeration technology.

SANTIAGO 2



OSAKA 3



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Arneg follows a policy of continuous improvement and reserves the right to update this document at any time without prior notice.