



Creating your circular
economy of refrigerants



LOOP by Daikin - Recover - Reclaim - Reuse
The new refrigerant service

Building a sustainable legacy together

Air surrounds us all the time, and in fact our very existence depends on it. At Daikin, the future of the world's indoor air is our greatest concern.

Daikin envisions a world with healthier indoor air while reducing our environmental impact. Driven by a dedication to achieve net zero CO₂ emissions by 2050, we provide safe, healthy and comfortable spaces throughout the building life cycle using world-leading technology.

Building on our long-term partnerships, let's build together now to achieve our goals, protecting the health and wellbeing of every individual.



Leading in decarbonization

We must act now to ensure we create a long-lasting legacy. As a true sustainability champion, we help to **decarbonize** buildings and create a **healthy** environment for generations to come.

Taking on the responsibility of leading the sustainable transformation, our solutions greatly reduce the CO₂ footprint of buildings, whether they are new builds or renovations:

- Reducing CO₂ equivalents through **lower GWP refrigerants**
- Maximizing sustainability over the entire life cycle, thanks to market-leading **real life seasonal efficiencies**
- Ensuring systems run efficiently 24/7 through **smart controls**
- **Safeguarding natural resources** - by reusing existing refrigerant through **L∞P by Daikin**, turning waste into an asset

Building for the future

As market leaders in total solutions, we are constantly innovating to offer you a **comfortable, healthy and safe** environment, meeting your needs. Reliability, support and precision are characteristics of our future-proof products and services. We offer:

- The **widest range** of next-generation heat pumps to meet complex demands, including **easy upgrading**
- Expert indoor air quality solutions through our ventilation and filtration systems to eliminate pollutants and balance humidity levels

A journey we take together

Together we take on the sustainability journey. We provide expert **support** throughout the building life cycle and give **peace of mind** by ensuring what we do is **future-proof** and is helping to build a better future.

- Our team of **experts**, go beyond product support. Together we reach your green objectives.
- We are there for you, **all the time**: via our local customer support teams and e-commerce solutions.
- We take our **responsibility** towards you seriously - and we're in it for the **long term**. We deliver what we commit to and will never overpromise, providing clear and trustworthy data

Our circular ecosystem into a greener future is growing

Products reusing reclaimed refrigerant

Since 2019 Daikin is offering products under the L∞P by Daikin circular economy initiative – a line of products using reclaimed refrigerant. By choosing such a product you actively support the reuse of refrigerant.



Re-using
R-410A,
R-134a & R-32

Recover-Reclaim-Reuse Refrigerant service

Our latest initiative, the refrigerant service, saves resources and costs. Our aim is to collect larger amounts of refrigerant and certify the projects where old refrigerant is recovered and reused for new projects. This service is available for key accounts and investors.



Make
a positive
choice for the
environment
now!

R-Cycle recovery unit

The mobile refrigerant recovery unit removes impurities such as oil, acid and moisture from gas. It can be used independently of other Daikin circular economy initiatives.



Partner of retradeables

As a consortium partner Daikin supports Retradeables, a digital trading marketplace that enables trading reclaimed refrigerants between service companies and refrigerant distributors.



How does it work?

Recover, Reclaim, Reuse

are the magic words and the core principle of L ∞ P by Daikin.

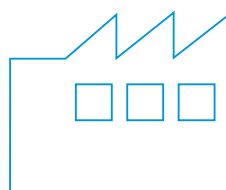
It is revolutionary in our industry and an essential part of our commitment to create a sustainable future.

Help prevent the production of more than 400,000 kg of virgin gas and save 3,590 tonnes of CO₂ each year.



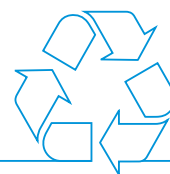
Recover

We recover your old refrigerant for you from any unit and any brand.



Reclaim

The refrigerant is reclaimed in Europe, meaning regenerated in a **high-quality** way, in line with F-gas regulation definition.



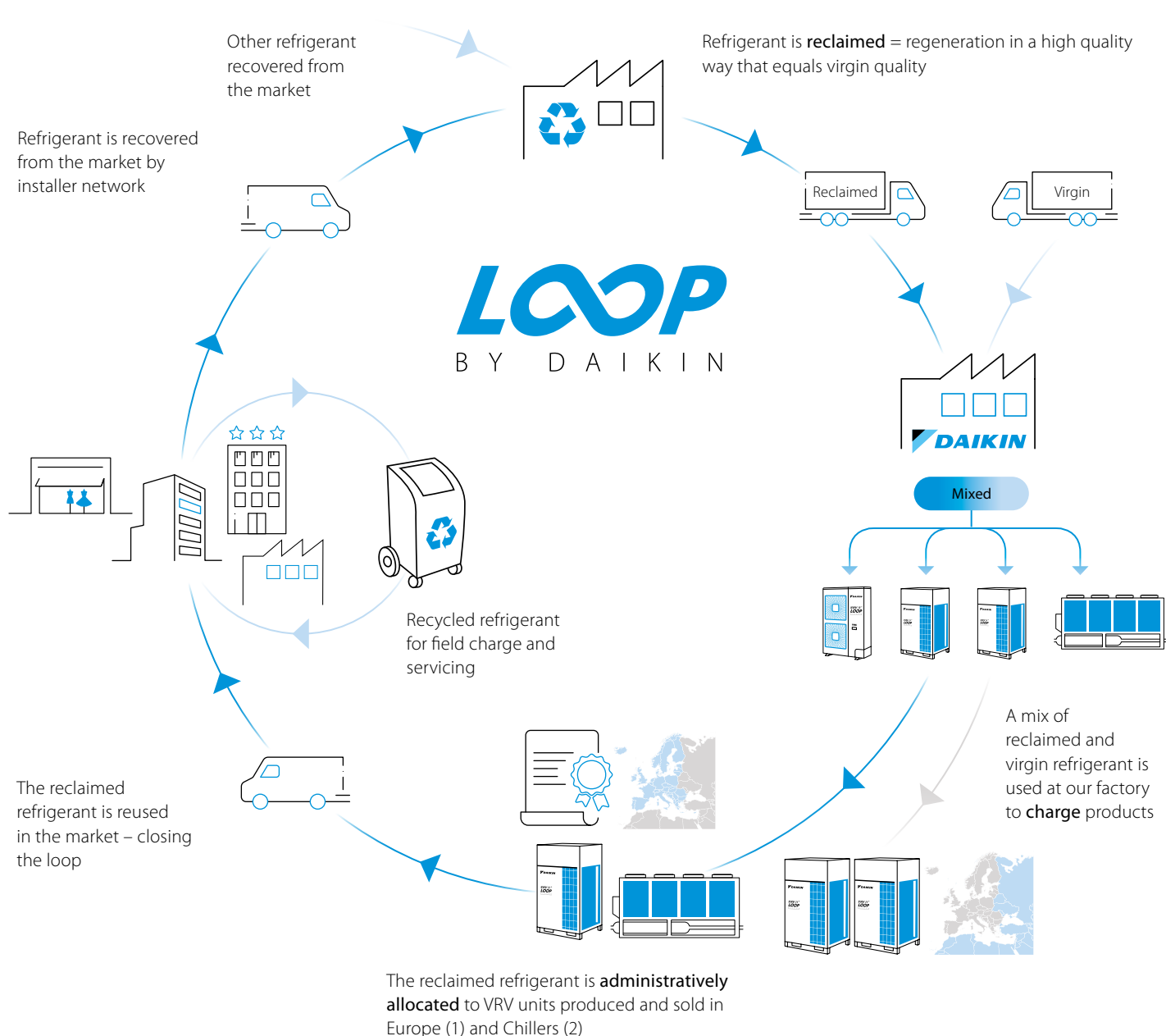
Reuse

The reclaimed refrigerant is mixed with virgin refrigerant. The refrigerant's quality is **certified** by an independent laboratory. It meets AHRI 700 certified standards.



How your refrigerant follows the **LOOP**

Just like for green electricity we use a mix of conventional and renewable components. Reclaimed and virgin gas are mixed at the factory. At the end the amount of reclaimed gas is administratively allocated to new L∞P by Daikin products.



(1) EU member states, UK, Bosnia-Herzegovina, Serbia, Montenegro, Kosovo, Albania, North Macedonia, Iceland, Norway, Switzerland (2) EWAD-TZ, EWAD-T, EWYD-BZ, EWYD-4Z-B, EWWD-VZ, EWWD-DZ, EWAT-B-, EWYT-B-, EWAT-CZ, EWYT-CZ, DWSC/DWDC chiller ranges

Introducing **LOOP** by Daikin

Recover-Reclaim-Reuse program

If you want to go one step further than installing units with reclaimed refrigerant, then our refrigerant service is what you are looking for. Our aim is to collect larger amounts of refrigerant by certifying projects where we recover your old refrigerant and re-use it in new units.

Be part of **LOOP**
by Daikin and
benefit from the
LOOP-effect!



For your Business

- Attract new customers as a certified sustainable **LOOP** by Daikin – Recover-Reclaim-Reuse program member.
- Carefree handling of old refrigerant – we take care of it!
- Save costs for disposal and deconstruction of the old refrigerant.



For our Planet

- Make a valuable contribution by choosing units with reclaimed refrigerant.
- Make a difference by helping us avoid more than **400,000 kg** of virgin refrigerant production and reduce our CO2 emissions by **3,590 tonnes** each year.
- Make a commitment to create a **sustainable future** and be the change the world needs: reduce **your carbon footprint** with the use of reclaimed refrigerant.

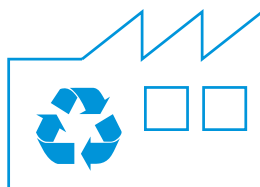
Are you already part of **LOOP** by Daikin?

The L∞P by Daikin – Recover-Reclaim-Reuse program certification in cooperation with partners is available for Key Accounts and **Investors**.



More than **20,000 VRV units** of our special L∞P by Daikin product series have already been **sold**. These are produced with reclaimed refrigerant according to our circular economy principle.

We are reclaiming R-410A, R-134a and R-32 refrigerant and are working on increasing the scope and also **incorporating other refrigerants into our circular economy**.



Let's avoid the production of over **400,000 kg of virgin refrigerant** every year and save **3,590 tonnes** of carbon emissions. Together, we can create a healthier planet for future generations.

Based on the actual amounts of reclaimed refrigerant use in our VRV and chiller systems, the L∞P by Daikin program yearly saves

3,590¹ tonnes CO₂.
That is equivalent to:

CO₂ emissions from **385,925²** kilometers driven by a passenger car.

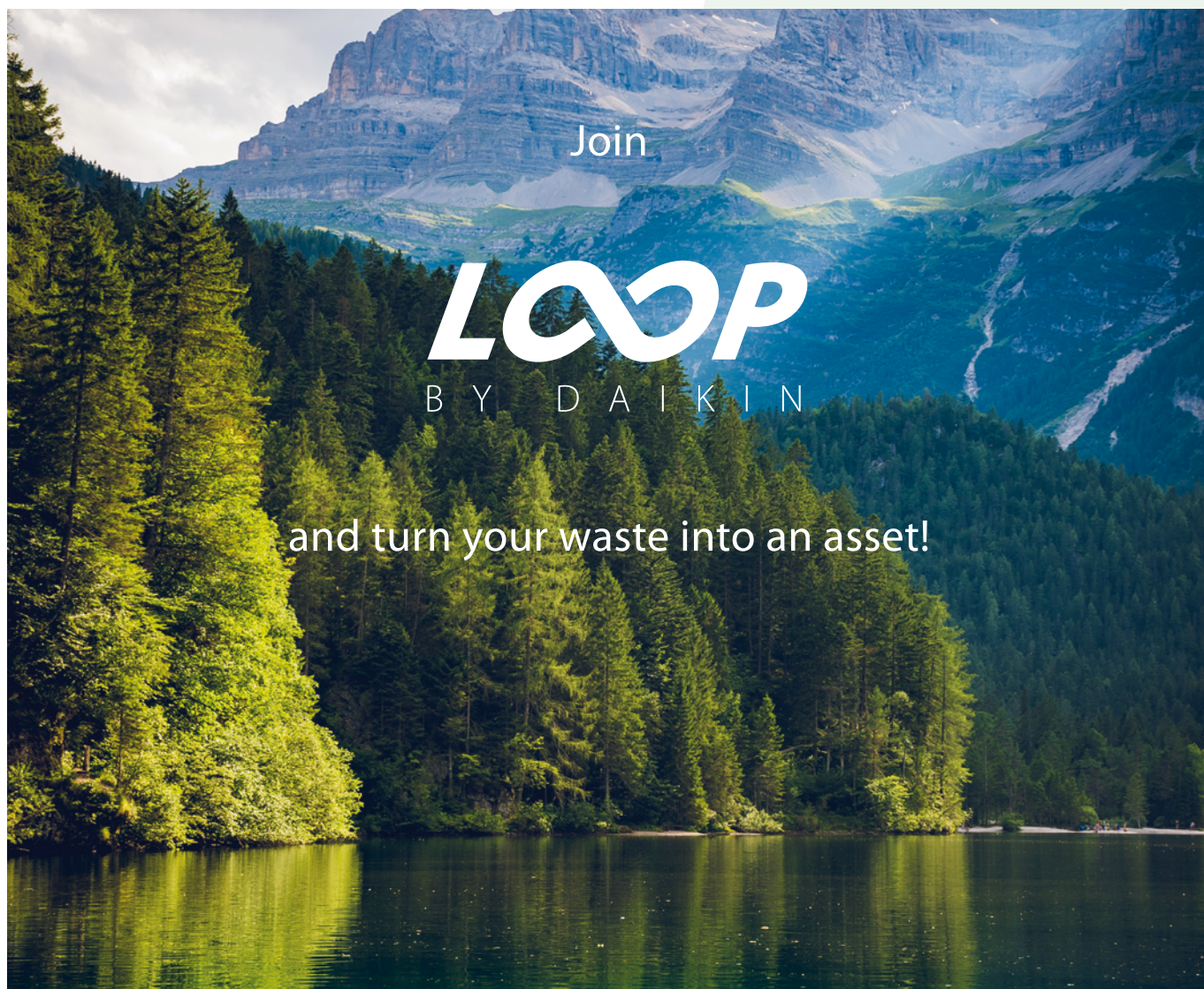
CO₂ emissions from **438³** persons for one year.

¹ Yearly savings achieved by the L∞P by Daikin program that uses reclaimed R-410A, R-134a and R-32 in VRV and chillers, this does not include savings achieved by recycling machine or the L∞P by Daikin Partner program.

² Source: <https://www.eea.europa.eu/ims/co2-performance-of-new-passenger> (Average CO₂ impact of newly registered cars in 2020 (diesel, petrol, EV)).

³ Source: <https://www.cambridge.org/core/journals/global-sustainability/article/unequal-distribution-of-household-carbon-footprints-in-europe-and-its-link-to-sustainability/F1ED4F705AF1C6C1FCAD477398353DC2> (Based on average CO₂ footprint/capita for Europe)





Let's get in touch!

Learn more about the L∞P by Daikin – Recover-Reclaim-Reuse program and become part of a circular economy.

www.daikin.eu/loop-by-daikin

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