

Action goes greener



Headquartered in the Netherlands, Action is a fast-growing international discounter, with over 1,400 stores across the Netherlands, Luxembourg, Belgium, France, Germany, Austria and Poland. In its stores, the discounter sells more than 6,000 different products, mainly non-food.

While offering its customers good quality products at surprisingly low prices, Action continuously explores new ways to reduce its environmental impact.

Now Action has extended its partnership with Daikin in a ground-breaking new project: reclaiming and reusing refrigerant from the Group's refurbished stores.

Creating a circular economy for refrigerants

During the first half of 2019, the two companies collaborated in an exercise to recover R410A refrigerant gas from twelve Action stores which were being refurbished, reusing the reclaimed gas in ten new Action stores across Europe.

This process is certified by Daikin to assure Action of both the quality and quantity of the reclaimed refrigerant, a process endorsed through assessment by an independent laboratory.

The reclaimed refrigerant used has the same quality as virgin refrigerant and meets AHRI700 standards.





“By setting up this circular economy of refrigerants within our own store network we are able to further reduce our environmental impact.”

Michiel Coolen, Group Construction Manager ACTION

Project Requirements

- ☒ Air conditioning
- ☒ Air curtain
- ☒ Control
- ☐ Heating
- ☐ Hot water
- ☐ Refrigeration
- ☒ Ventilation

Year undertaken
2019

Process used

- > Daikin Refrigerant Reclaim Allocation

An independent audit process also ensures that the quantity of reclaimed gas from the Action stores is allocated administratively to the factory charge of the units installed in selected new Action stores.

Says Michiel Coolen, Action Group Construction Manager:

“Instead of producing more waste by disposing of the old refrigerant and producing something new, we use what is available. In this way we create a closed circle of refrigerant use within the Action network”

Mr. Toshitaka Tsubouchi, Vice-president of Daikin Europe says:

“As an industry, we are only at the start of our journey to create a circular economy of refrigerant supply, usage, recovery and reclamation. We highly value Action and the fact that they are open to take initiatives that will change the retail and HVAC market.

Through this initiative, Action and Daikin has set a powerful example for all stakeholders, both in retail and the HVACR industry.

“We hope to inspire many others to make the same positive choice and to help us to recover the huge quantity of available refrigerant in existing installations.”

Reclaimed Refrigerant Certified stores

Following on from the success of this pilot project, Action and Daikin will recover refrigerant gas from a further fifty Action stores scheduled for refurbishment over the coming for reuse in new build stores.

In this way, the new Action stores will fully support the circular economy of refrigerants, lowering their environmental impact and avoiding the production of new refrigerants.

