

## CASE STUDY

# A-Gas Supports Leading OEM to Recover, Reclaim and Increase the Circular Use of Refrigerants

## BACKGROUND

### About the OEM

The Original Equipment Manufacturer (OEM) is a market leading air-conditioning company, selling its products in nearly 150 countries. A leading company in environmental management, they are committed to providing safe and healthy air environments, while striving to make business activities carbon neutral by 2050.

### About A-Gas

A-Gas is the world leader in the supply and lifecycle management of refrigerants and associated products and services. Through our first-class recovery, reclamation, and repurposing processes, we capture refrigerants and fire protection gases for future re-use or safe destruction, preventing harmful release into the atmosphere.

For almost 30 years, A-Gas has supported our clients and partners on their environmental journey by supplying lower global warming gases and actively increasing the circularity of the industries we serve, building a more sustainable future.

## CHALLENGE

Our climate continues to face its greatest challenge; the rise in global average temperatures is putting the world's population, infrastructures and ecosystems at risk. The Heating, Ventilation and Air-Conditioning industry has a huge role to play in slowing this warming and reducing climate risks.

Leading the way in reducing environmental impact, the OEM recognises the importance of refrigerant recovery, reclamation and further re-use as being part of the climate solution.

To fast track the refrigerant recovery and reclamation process, the OEM reached out to A-Gas to become its partner of choice and provide refrigerant management services across its nationwide installer base and European production facilities.

## AT A GLANCE

### Challenges

- A need to provide refrigerant management services across a nationwide installer base and European production facilities.
- Committed to increasing the circularity of refrigerant management, helping to move the industry to a lower carbon, more sustainable future.

### Benefits

- Through the recovery and re-use of refrigerant, the partnership aims to reduce the amount of virgin gas being produced.
- Onsite recovery service, supporting the recovery and removal of refrigerant from all locations safely and efficiently.



*"This is an exciting time as we work to demonstrate our commitment to reducing the environmental impact of our industry."*

*Together we are leading the industry firmly in the right direction of creating a circular economy"*

**John Ormerod**

Managing Director, A-Gas (Europe)

## SOLUTION

Utilising its market-leading expertise and state-of-the-art recovery and reclamation facilities, A-Gas was able to provide customised solutions to meet the OEMs requirements.

Through A-Gas' Rapid Recovery service, the OEM was able to offer their installer base a bespoke onsite recovery service, supporting the recovery and removal of refrigerant from actual job site locations. This ensures refrigerant can be recovered safely and efficiently, preventing any unnecessary release to the atmosphere.

As a leading supplier of refrigerants, A-Gas were able to further extend its capability and supply reclaimed refrigerants, in place of virgin products, for use at European manufacturing facilities. This enables reclaimed refrigerant to be used in pre-charged units, reducing the need for virgin gas to be produced and used.

Customised refrigerant lifecycle management solutions were implemented to prevent the unnecessary disposal of waste generated through production processes at the OEMs European manufacturing facilities.



## RESULTS

Through customised refrigerant management solutions, this partnership continues to encourage the recovery and re-use of refrigerant. This focus aims to reduce the amount of virgin gas being produced.

Not only does this partnership reduce the need to manufacture and use virgin material, it also actively increases the circular use of refrigerants, helping to move the industry to a lower carbon, more sustainable future.



## CONCLUSION

This partnership supports the development of the circular economy for refrigerants and ensures that what we do as an industry minimises the impact on the world in which we live.

It is a great example of what our industry can accomplish when working together. Achieving net-zero will not be easy, but when market-leading organisations come together we really can offer customised, forward-thinking solutions at a time when they are needed most.

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