

# REDUCE ENVIRONMENTAL IMPACT WITH DAIKIN SOLUTIONS



RECOVERY CYLINDER



RECOVERY MACHINE

Daikin Airconditioning (S) Pte Ltd

**ASSURED QUALITY**  
BY DAIKIN SINGAPORE

**410A** Reclaimed Refrigerant

| COMPONENTS INCLUDE | CAS NO.  |
|--------------------|----------|
| DIFLUOROMETHANE    | 75-10-5  |
| PENTAFLUOROETHANE  | 354-33-6 |

AHRI 700 Standard Quality Assurance

Weight: 3kg

NON-REFILLABLE NON-REUSABLE

RECLAIMED REFRIGERANT

\*Images shown are for illustration purpose only.

# Why is it IMPORTANT?

Daikin recognizes our vital role in protecting the environment and reducing our carbon footprints. We lead green initiatives by providing and ensuring that our products' end-to-end is aligned with our green efforts.

When refrigerants are improperly handled during servicing and aircon disposal, HFCs can leak into the atmosphere, contributing to ozone layer depletion and global warming.

Hence, to reduce the environmental impact of a refrigerant throughout its lifecycle, Daikin has partnered with different organisations to expand our green efforts and achieve an environmentally conscious refrigerant lifecycle - Recovery, Reclamation, and Recycling.

## HOW IT'S DONE

### COLLECTION OF EMPTY REFRIGERANT CYLINDER

Contractors may purchase or collect required no. of empty cylinders from DSP for usage on jobsites



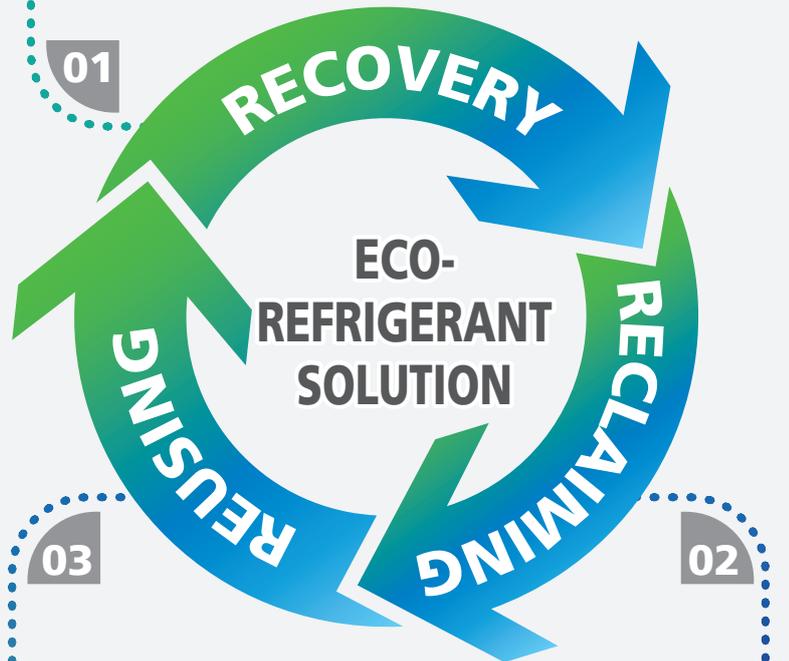
### RECOVER REFRIGERANT ON SITE

Used refrigerants are collected into the empty cylinders by a recovery machine

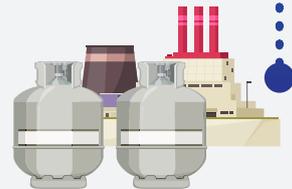


### DROPPED OFF RECOVERED REFRIGERANTS AT DAIKIN

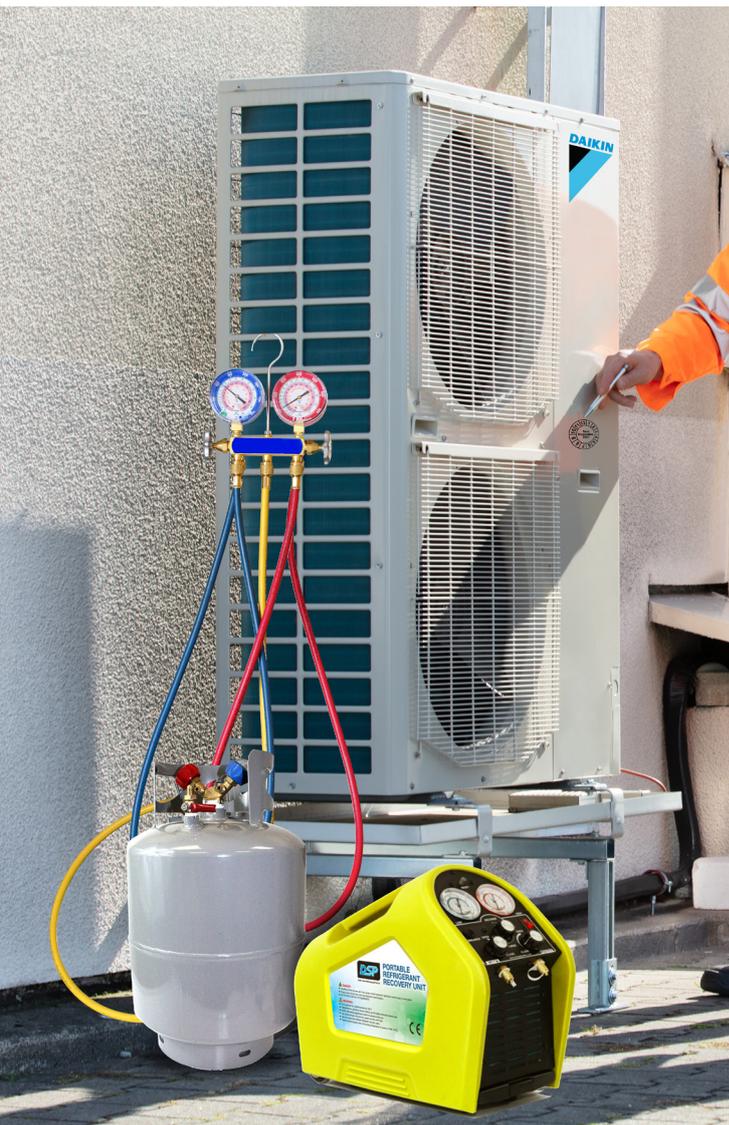
Recovered refrigerants are dropped off at our DSP Eco-Corner



Send to Reclamation Facilities. Purify and process the refrigerants, ensuring it meets the AHRI-700 standard



Reclaimed Refrigerants can be re-use on any air-conditioners without the need to produce new refrigerants.



# DSP PORTABLE REFRIGERANT Recovery Machine

The use of a portable refrigerant recovery machine is commonly used across various air-conditioning services and maintenance works. A highly efficient compressor is important to allow quick recovery rate.

Our DSP refrigerant recovery unit is mainly applicable for household air-conditioner, commercial air-conditioner and on site maintenance for HVAC/R systems. It is suitable for recovering a wide range of refrigerants including R32, R410a, R22, etc. Because of its excellent function and well-balanced design, it is well accepted by many customers within the air-conditioning field.

## FEATURES OF DSP RECOVERY MACHINE



CERTIFIED TO  
HANDLE AND RECOVER  
A WIDE RANGE OF  
REFRIGERANTS  
R32, R22, R134A, R407C, R410A



LIGHTWEIGHT



FASTER  
RECOVERY RATE



EASY TO USE &  
MAINTAIN

# RECLAIMED REFRIGERANT

## (R410A & R134A)



Reclaiming refrigerants are sustainable alternatives that greatly reduces the generation of harmful gases from the production of new refrigerants.

Hence, it makes it suitable for Green Building and customers who are adopting Green Policy.

Refrigerant reclamation is a sustainable method of recycling used refrigerant from the end-of-life refrigeration equipment. It goes through thorough and intensive filtration process that removes impurities from used refrigerant and restores its purity level to meet international standards level (AHRI 700).



## BENEFITS OF DSP RECLAIMED GAS



Avoids the Release of Ozone Depleting & Global Warming Gases



Prolongs Equipment Lifespan



Eliminates Production of New Refrigerants



Reduces Equipment Downtime



Ensures Optimum Equipment Performance



Appropriate for Green Buildings & Customers Adopting Green Policies

## FAQ

### 1. Why do we need to do recovery?

The purpose of recovery is to reduce environmental impact of a refrigerant throughout its lifecycle.

### 2. What are the tools required for recovery?

Trained technician with proper recovery tools such as safety glasses, gloves, refrigerant recovery cylinder, weighing scale, approved refrigerant recovery unit, manifold gauges and proper hoses.

### 3. Can the recovered refrigerant be reused?

We strongly do not recommend recovered refrigerants to be reused as there is bound to be the presence of contaminants and impurities. Quality of the refrigerant will be greatly compromised.

### 4. How is reclaimed refrigerant different from a new refrigerant?

There is virtually no difference. On the contrary, a reclaimed refrigerant is also an environmentally friendly product.

### 5. Is reclaimed refrigerant certified as a green product?

Yes. It is endorsed by Singapore Green Building Council [SGBC] and it is green mark certified.

### 6. Can my air-conditioning system uses a mixture of reclaimed and new refrigerant?

Yes, it can be a mixture of reclaimed and new refrigerant.

### 7. Which types of reclaimed refrigerant are available?

R410a and R134a

### 8. How much is the price difference comparing to new refrigerants?

It is priced slightly higher as it has to undergo stringent treatment and processes in a reclamation facilities.

## Perfecting the Air

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Office Operating Hours

Monday to Friday: 8.30 am to 6.00 pm

Saturday: 9am to 12pm

Sunday and Public Holiday: Closed



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