

Our Product

Reco GT Recovery System



The Reco GT is an industry leading refrigerant recovery system specifically designed and manufactured to satisfy green building codes in multiple countries.

JAVAC's Research and Development engineers worked closely with leading HVAC/R industry manufacturers and installers to determine the most appropriate and cost effective solution to achieving an environmentally sound leak detection and recovery system.

The Reco GT recovery system - designed and built by JAVAC - adheres to multiple environmental building codes in many countries, including Australia, New Zealand and the United Kingdom, to name a few. Currently the Reco GT contributes towards the Green Building Council's Green Star® leak detection and recovery requirements, with the ability to assist in earning credits in these areas of building design and functionality.

JAVAC's product engineers can work with you to determine your requirements. We consider multiple facets of your project during the design process including layout, air circulation, number of chillers, leakage sensitivity, refrigerant charge and blend; the list goes on.

In order to satisfy the Green Star® emi3 rating, JAVAC offer a package system which includes three main components. Below we outline just some of the features offered in this package.

Recovery System

- Capable of recovering up to 400kg of R134a per hour
- Suitable for a range of systems including; air conditioning and commercial refrigeration
- Suitable for plant room environment
- Suitable for most refrigerants in the CFC, HFC and HCFC families
- Integrated PLC can be customised to specifications
- Internal liquid/vapour pumps for recovery
- Integrated oil separator system
- 240 volt single phase power
- Standard output for BMS operation
- Refrigerant recharge module
- Designed specifically for Green Star building projects

Options

- Visual warning lights and audible alarm
- Multiple trigger inputs including; HP/LP gas leak and liquid level alarm
- Refrigerant tanks cleaned and dehydrated

Leak Detection

- Integrated automatic heated diode
- Option of infra red leak detection
- Various sensor parameters
- Calibrated to specific refrigerant requirements
- Additional leak detection modules can be retrofitted

Scales

- Steel platform weighing scales
- Four (4) sensor points to accurately weigh refrigerants recovered to cylinders
- Capable of weighing up to 3 tonnes
- Easy to read LED display



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