

# It's time to change.

Natural hydrocarbon refrigerant retrofits for homes, cool rooms, and commercial air conditioning across greater Sydney and NSW.

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## What is a refrigerant retrofit?

Most air conditioners and refrigeration systems are charged with synthetic chemical refrigerants — blends with names like R32, R134a, R404a and R410a. They work, but they're rough on the environment if they leak, and they're being phased out worldwide.

A retrofit replaces that synthetic chemical refrigerant with a clean, natural hydrocarbon equivalent. The unit on your wall stays exactly where it is. No new ductwork. No new compressor. No new controls. Just a smarter charge in the system you already own.

**Same comfort. Faster pulldown. Lower bill.**

## The numbers

**20–30%**

savings on a typical home A/C, depending on system

**20–54%**

range across commercial cooling and refrigeration

**12 mo**

parts & labour warranty on every retrofit

*Figures shown are indicative ranges only — not guarantees. Actual savings vary with the system, the building, and how it's used. Your free system check is how we work out the specific number for your setup.*

# More efficient. Less wear. Lower cost.

## 01 Better heat transfer

Natural hydrocarbon refrigerants conduct heat more efficiently than the synthetic chemical refrigerants they replace. Your compressor does less work to move the same heat — drawing less electricity and pulling down to temperature faster than before.

## 02 Less wear on equipment

Operating pressures with natural refrigerants run lower than with synthetic chemical refrigerants, and compressor discharge temperatures run cooler. Less mechanical stress means longer service life and fewer maintenance call-outs over the years that follow.

## 03 A genuine drop-in solution

Natural hydrocarbon refrigerant works with both mineral and synthetic compressor lubricants. We don't need to replace the oil when we retrofit. The existing components stay, and only the refrigerant changes.

## 04 Refrigerant-grade purity

The natural hydrocarbon refrigerant we work with is refined to over 99% purity. Impurities lower system efficiency and cause corrosion over time, so the higher the grade, the better the result.

## 05 Future-proof

Synthetic chemical refrigerants are being progressively restricted under international environmental agreements. Natural refrigerants aren't on that list — so the system you retrofit today won't need re-gassing with something else tomorrow.

## 06 Australian-made

Every refrigerant we use is produced in Australia. Not imported. Not stockpiled. Australian-owned supply chain, Australian-installed, Australian-supported.



# The retrofit, end to end.

## 01 Free system check

We come to you, inspect the existing system, and identify the refrigerant currently in it. Most domestic systems can be assessed in under 30 minutes.

## 02 Eligibility & written quote

If the system is suitable, we send a written quote with the indicative saving for your specific setup. No obligation. If a retrofit doesn't make economic sense for your system, we'll tell you that too.

## 03 Safe recovery & retrofit

Licensed refrigeration technicians safely recover the existing synthetic refrigerant — never simply vented — and charge the system with natural hydrocarbon refrigerant. Most domestic jobs are completed same-day.

## 04 Test, sign-off & better performance

Every retrofit is leak-checked, pressure-tested, and thermal-imaged before sign-off. You see the system working before we leave. Backed by a 12-month parts and labour warranty.

## Who it's for

**Domestic.** Wall split systems, ducted whole-home air conditioning, multi-head units.

**Commercial.** Office air conditioning, retail cooling, high-rise plant rooms.

**Refrigeration.** Cool rooms, freezers, supermarket display cases, ice makers, cold storage. Pubs, clubs, restaurants, bottle shops, butchers, grocers.

**Agriculture.** Wineries, fruit orchards, fresh-produce cool storage, harvest cooling.

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## Book a free system check

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