

Booming HyChill granted hydrocarbon acceptance

In an industry first, the range of hydrocarbon refrigerants produced by HyChill Australia has been assessed and accepted as compliant with the requirements of the "Good Environmental Choice" Label.

This news comes hot on the heels of HyChill's announced record domestic yearly sales and the displacement from the marketplace of twice as much HFC 134a as Refrigerant Reclaim Australia (RRA) recovered in a similar period.

The extended array of hydrocarbon products is great news according to Good Environmental Choice Australia chairman Petar Johnson.

"The hydrocarbon product range by HyChill deserves market recognition and support for the significant environmental opportunity that it promises in comparison to current refrigerants," Johnson said.

"We are pleased to offer independent assurance to the market as to the high quality, environmental preferability and market usability of the hydrocarbon product line."

Australia has high environmental expectations and it's gratifying that HyChill's range meets those standards, Johnson said.

The range offers products that have been formulated with environmental and human health considerations in mind and are suitable for commercial and domestic uses in Australia.

The primary environmental impacts of HyChill Hydrocarbon refrigerant products assessed as part of the Good Environmental Choice program include:

- Fitness for Purpose;
- Ozone Depleting Potential;
- Global Warming Potential; and
- Packaging Stewardship.

The Good Environmental Choice Label is the national product life cycle independent environmental declaration in Australia.

The organisation is an independent non-profit environmental research and certification organisation recognised as the Australian member of an international network of ecolabelling schemes under the Global Ecolabelling Network.

The Australian Environmental Labelling Association Inc. (AELA) manages the Good Environmental Choice-Mark of Conformity in conformance to ISO 14 024-International Standard for Third Party Environmental Labelling and Declaration.

The objectives of The Good Environmental Choice Labeling program are to:

- Provide incentives for suppliers to reduce the environmental impacts of products sold in Australia;
- Provide a clear, credible and independent guide to consumers wishing to take

account of environmental factors in their purchasing decisions;

- Encourage consumers to purchase products that have lower environmental impacts;
- Recognise genuine moves by companies to reduce the adverse environmental impacts of their products; and
- Aim ultimately to improve the quality of the environment and to encourage the sustainable management of resources.

Following an independent audit against the recognition requirements of the Australian Ecolabel Program, the following HyChill products have been awarded



TOP: High five... HyChill is pleased to report an annualised growth averaging over 30 per cent with 2005's growth peaking at 38 per cent.
ABOVE LEFT: Right direction...The Good Environmental Choice"Label.
ABOVE RIGHT: John Clark: "It's a tremendous result, not only for HyChill, but for the environment as a whole."

the "Good Environmental Choice" label for the Australian market.

This Ecolabel is awarded to those products that meet or exceed voluntary standards of environmental performance.

The verification procedure is managed via a Documented Quality Management System and Certification Program Manual which have made significant use of the ISO 14 000 series.

HyChill's entire line of Hydrocarbon Refrigerants have qualified for the endorsement:

- **HyChill Minus 10 (R600a)**
The product is a highly efficient natural hydrocarbon refrigerant used in state-of-

the-art light commercial and domestic refrigeration.

- **HyChill Minus 30 (HR12)**
Minus 30 is a blend of R600a and R290, two naturally occurring hydrocarbon refrigerant gases and is perfect for use in automotive air-conditioning systems and in refrigeration applications.

It replaces the Ozone Depleting R12 and high Global Warming R134a.

- **HyChill Minus 40 (R290)**
Pure hydrocarbon refrigerant with a single molecule and no temperature glide used in medium to low temperature refrigeration systems.

It is also suitable for transport refrigeration and static coolroom applications.

Can be used as an R22 replacement.

- **HyChill Minus 50 (HR22/502)**
An air conditioner or refrigeration system charged with Minus 50 uses up to 20 per cent less power than HCFC-based refrigerants.

Because hydrocarbon refrigerant is more efficient, it can cool a room in less time, resulting in substantial energy savings.

More good news for the environment is the exceptional sales results achieved by HyChill refrigerants in the Australian market.

From humble beginnings in 1995 when Colin Spencer and John Clark pooled resources and "know how" to produce the first few hundred cylinders of Aussie made hydrocarbon refrigerant, HyChill is pleased to report an annualised growth averaging more than 30 per cent with last year's growth peaking at 38 per cent.

As most of this product goes to the vehicle air-conditioning market, HyChill has displaced around 60 tonnes of HFC 134a in the market place which represents a massive reduction of around 80,000 tonnes of carbon dioxide equivalent being released to the atmosphere (based on HFC 134a GWP of 1300).

Even more notable is that the 60 tonnes of HFC 134a averted by HyChill domestic product sales is double the amount of HFC 134a reclaimed by Refrigerant Reclaim Australia (15 per cent of 204,077kg, as reported in CCN December 2005 edition).

HyChill director John Clark was proud of the achievement.

"It's a tremendous result not only for HyChill but for the environment as a whole," Clark said.

"When you realise the enormous headwind we operate against, it's a fantastic result.

"At the end of the day it's the techs and consumers who are driving the demand due to the superior performance and stability of our products," he said.

Contact: HyChill Australia via the web site www.hychill.com.au