



Panasonic PRO Club. Knowledge for mastering technology.

Innovation is at the heart of all progress. However, a good part of success is also due to knowledge and mastery of the key factors of technology.

Which is why being up-to-date about issues like European regulations, their application periods, the compatibility of tools and safety tips are all so important. This is the only way of guaranteeing end users not only a product that is absolutely reliable, but also that the installation is optimal and that they will receive the highest level service.

In the end, technology is worth little without people. Which is why at Panasonic, we are on the side of the professionals. Before, during and after installing our equipment.

If you would like to take one of our training courses, please contact us and we will assist you in understanding the entire R32 installation process.



PRO Club

www.panasonicproclub.com
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Panasonic

To find out how Panasonic cares for you, log on to:
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heating & cooling solutions



NEW R32 REFRIGERANT GAS

**A 'SMALL' CHANGE THAT
CHANGES EVERYTHING.**

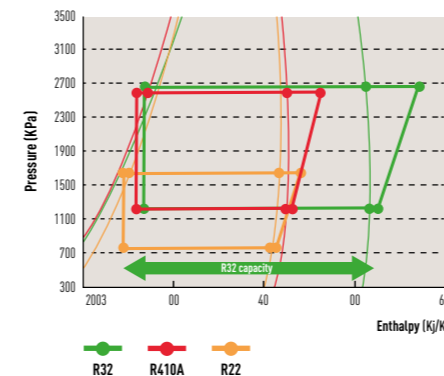


Goodbye yesterday.

The new generation of air conditioners with R32 represents innovation in every way. Shall we list them?

1. Installation innovation.

- Extremely easy to install, practically the same as for the R410A. (Just remember to verify that the pressure gauge and vacuum pump are compatible with the R32)



- This refrigerant is 100% pure, which makes it easier to recycle and reuse.

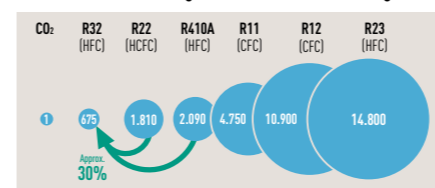
2. Environmental innovation.

- Zero impact on the ozone layer.
- 75% less impact on global warming.

	R410A	R32
Composition	Blend of 50% R32 + 50% R125	Pure R32 (no blend)
GWP (Global Warming Potential)	2087.5	675
ODP (Ozone Depletion Potential)	0	0

R32 is a refrigerant with just one-third the global warming potential of R410A, meaning less risk of damage to the environment.

100 Year Global Warming Potential of Different Refrigerants



IPCC Fourth Assessment Report. Values for 100 years warming potential.

The world never stops changing. Technology transforms everything and everything evolves. Are there people who resist change? Perhaps. But at Panasonic we will carry on in our search for technologies that improve people's lives. And we will keep on saying: **Goodbye yesterday. Hello future.**

Innovation is not just technology. It's an attitude.

Leadership isn't something you can just get. You have to show it. Which is why at Panasonic we strive each and every day to make our air conditioners highly reliable and surprisingly efficient, with minimum noise impact and the lowest environmental footprint possible. To all that we then add sophisticated and elegant designs. Our air conditioners are like that: innovative inside and beautiful outside.

The best proof of our commitment is that we are moving ahead of the sector by including the R32 refrigerant in our entire range of domestic air conditioners, representing an enormous technological lead that manages to combine excellent comfort in the home and perfect harmony with the environment.

Near perfection has been achieved with our new Etherea Z Series, one of the most advanced air conditioners on the market, with R32 refrigerant, the exclusive NANOE air purifier, ECONAVI intelligent sensors, and nearly absolute silence, only 19 dB in class A+++.



NEW
ETHEREA



And what about tomorrow?

Our great challenge today: fighting to help the environment. How to make this possible? With greater energy efficiency and minimal energy consumption, so that we reduce the use of the planet's fossil fuels. But also by using advanced refrigerants such as R32, employed in our entire home range.

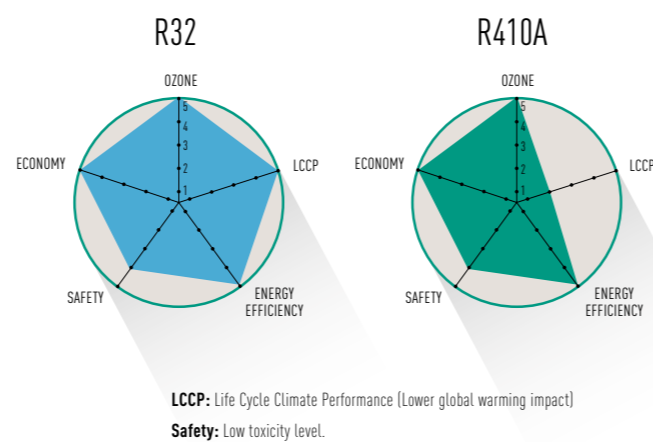
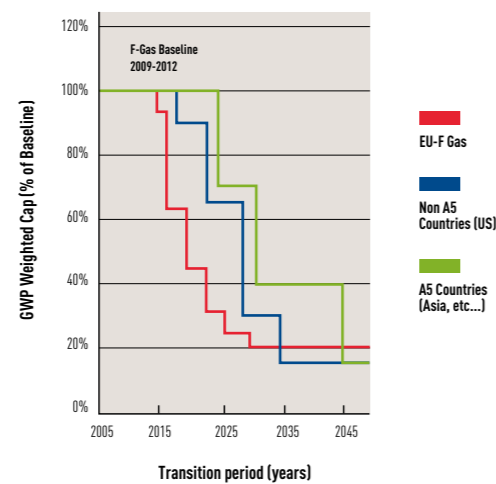
Because this has always been technology's purpose: To make the impossible, possible.

At Panasonic we have a firm commitment to healthier lifestyles and to reducing global warming on the planet. For this reason, we will keep on presenting advanced, efficient and reliable solutions.

Because our commitment to innovation did not just come about today. It started when Panasonic was founded, in 1918. So we've been innovative for a long time now. And we want to take it even further.

Today Panasonic. Tomorrow everyone.

European regulation CE 517/2014 makes the replacement of fluorinated gases (F-gases) compulsory, such as R410A, for environmental reasons, although it also grants a transition period from 2017 to 2030. Must we wait? No. Our commitment to innovation is not hampered by dates. Which is why we are jumping the gun and are now presenting our new generation of air conditioners that employ the R32 refrigerant.



3. Economic and energy consumption innovation.

- Lower cost and greater savings: - 30% less refrigerant.
- Higher energy efficiency A+++ than R410A.
- R32 consumes less energy when there are extreme temperatures outside.

And what does all this mean in practice?

Greater wellbeing for people and friendlier to the planet.

