ENERGY EFFICIENCY AND COOLING TECHNOLOGY R290

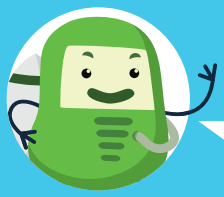
QUESTIONS AND ANSWERS

How much R290 gas is contained in each Swing cooling unit?

The amount of gas is about 85g, approximately equivalent to the amount of gas contained in 5 pocket cigarette lighters.

Can the presence of R290 gas in the distributor increase the risk of fire?

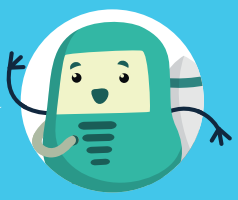
We carried out laboratory stress tests with the collaboration of IMQ. Test results have shown that there is no risk increase due to the presence of gas (which is isolated and far from possible sources of ignition).



Do I need to implement changes to my warehouse to stock Impulse models containing R290 refrigeration units?

Given the small quantity of gas contained in each machine, any company operating in compliance with current Health and Safety at Work regulations does not need to implement any specific procedures. However, the presence of R290 gas should be taken into account when updating the site's risk assessment document.

Can Impulse models equipped with an R290 refrigeration unit be safely transported?



According to UN2857, special provision 119 and UN3358 special provision 291, goods are not subject to the ADR (European Agreement on the Transport of Dangerous Goods) regulations if they contain less than 12kg of a class 2 gas (such as R290). As a result, a truck or a fully loaded container of machines can be transported freely.

R290 gas refrigeration technology is extremely efficient in terms of energy consumption. How much can I save every year?

Based on the average cost of industrial electricity in Italy (according to ISTAT 2019), we can save up to €275 per year for each Swing Food machine (compared with the Tango Food model) and up to €238 per year for each Swing Snack model (compared with a Tango Snack machine).

SWING is equipped with a cooling unit with the benefits of R290. R290 is a natural gas that is commonly used in commercial and domestic refrigeration, such as air conditioners and refrigerators). In addition to having high cooling power, the contribution of R290 gas to global warming, (according to the GWP indicator) and its impact on the ozone layer, (according to the ODP indicator) are negligible when compared to previous technologies. Thanks to this new technology, Necta is ahead of schedule in complying with European Union legislation, under which the use of HFC gases will be prohibited from January 1st 2022.

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