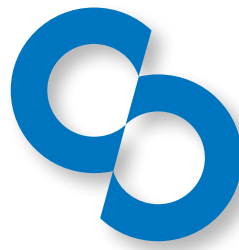


# ARE YOU GASPING IN THE SEA OF REFRIGERANT FLUIDS? STAY CALM AND CHOSE POLYHEDRA!



## Future proof solutions

Change may scare everyone, but when it is inevitable, you must be ready to face it in a strong and effective way.

A big change is ongoing in the refrigeration and air conditioning sector the birth and adoption of low GWP and flammable new refrigerants. These are becoming increasingly popular and almost a “must” in all the market sectors.

For this market transformation Castel responded by introducing a new key product range, suitable to meet all the applications: POLYHEDRA.

## Perfect for flammable fluids

POLYHEDRA was introduced during MCE 2018 and offers components suitable for all the flammable refrigerants (HC, HFO & R32 – A3 and A2L groups for ASHRAE 34-2016 and PED group 1) and, for example, high pressures and high compressor discharge temperatures.

This was achieved always maintaining the “safety of use” at the highest levels.

Also, POLYHEDRA components are future proof. They can stay installed even if the refrigerant changes, since they are already suitable for both standard and flammable fluids.

The POLYHEDRA line protects the designer from any future change by offering the luxury of forgetting the choices made in the design phase: the product supplied by Castel will certainly be compatible with any fluid used!

## Retrofit? No stress!

There is nothing more comfortable than opening a product catalog and being sure to select the right product for the right application, especially in those cases where the information in hand is limited as it could happen when retrofitting.

Just go to your trusted Castel distributor and ask for a POLYHEDRA component having the guarantee that it will be compatible with the fluid used.

## Cost and time saving solution

The wide range of connections covers up to a diameter of 2-1/8” placing the Castel solenoid valves as the largest compatible with A2L fluids, remembering that for diameters greater than DN25, the certification of conformity is necessary and will be provided with the product.

The opportunity to have large diameter connections allows you to reduce the number of components in the system, such as using a 2-1/8” ball valve instead of two 1-1/8” valves in parallel. With less components to be mounted, the installation time is reduced, as well as the points of possible leakage, making your system more reliable and reducing the final test time. Plus of course, less components means cost savings.

With these product ranges Castel is now the ideal partner for air conditioning and refrigeration applications, with no limits for the new refrigerants both today and in the coming years.

If CO2 is the fluid selected, Castel presents the largest range of compatible products. Just open the catalog or website and browse the product line called **GOGREEN** where you can select the most suitable components for the required pressure.

You can download the general catalogue from our web site: [www.castel.it](http://www.castel.it) – it is continuously being updating.

