

CASTEL OBTAINS ENVIRONMENTAL PRODUCT DECLARATIONS (EPD) FOR ITS BALL VALVES AND SOLENOID VALVES



Castel, an Italian company and a leader in the production of components for refrigeration and air conditioning, has always been committed to combining innovation, quality, and environmental responsibility.

Today, the company takes a decisive step forward in its sustainability journey by obtaining the **Environmental Product Declarations (EPD)** for its **families of ball valves and solenoid valves** — two key product lines that embody the reliability and excellence of the Castel brand.

In the refrigeration sector, attention to the environmental impact of products has become an essential requirement.

For this reason, Castel chose to subject its ball valve and solenoid valve lines to an in-depth **Life Cycle Assessment (LCA)** — an analysis that evaluates the environmental effects of a product throughout all stages of its life cycle, from production to use and disposal.

From this process arises the **Environmental Product Declaration (EPD)**, a **Type III environmental declaration** compliant with ISO 14025, which clearly and reliably summarizes the results of the analysis.

Unlike a simple LCA, the EPD is a **public and independently verified document**, published through an international **Program Operator**.

This ensures transparency, credibility, and comparability of data, providing customers and partners with objective information about the environmental impact of Castel products throughout their entire life cycle.

The path leading to this achievement was rigorous — from the preparation of the LCA studies to the critical review by external

auditors, up to the selection of the **EPD International System** as Program Operator and the official publication on the environdec.com portal.

A complex process that reflects Castel's continuous commitment to giving concrete value to sustainability.

For customers and partners, obtaining the EPDs means having access to **clear and certified environmental information**, useful for projects that require **high sustainability standards** and for **green certification processes**.

For Castel, it represents yet another step towards a future in which **innovation, reliability, and environmental responsibility move forward together**, reinforcing the company's vocation to be a **global benchmark in the refrigeration and air conditioning industry**.