

Smart devices are rapidly transforming the HVAC industry.

Bereva's XBALL System accelerates the integration of the new smart expansion ball valves and of their unique benefits.

→ **READY TO USE INNOVATION**
Highly compatible and easy to install innovative components.

→ **PRODUCTION SIMPLIFICATION**
Elimination of the use of solenoid valves and guarantee of improved control and performance.

→ **LOWER CONSUMPTION AND EMISSIONS**
Optimization of partial loads with energy saving.
Automatic interaction with the centralized control unit makes the best possible use of the refrigerant throughout the circuit.

→ **LESS MAINTENANCE**
Reduced wear, longer duration of the systems and drastically lowered maintenance costs.



BEREVA

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BEREVA

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CHILLING INNOVATION MADE SIMPLE

The new generation of smart expansion valves that accelerate innovation.



XBALL®

BEREVA

One solution, many benefits.

PLUG AND PLAY

High compatibility with systems and refrigerant fluids. The best interchangeability maintaining the same valve driver.

EASY TO USE

Easy to use user interface. Simple and quick assembly and set-up operations.

NO LEAKAGE

Greater reliability and no leakage with valve closed.

APP AND CLOUD

Immediate access via Bluetooth to all operating data and easy access to the cloud for remote parameter transfer and control.

NO STARTING JUMP

Better adjustment at low loads.



MANUAL OVERRIDE

Total control of the single valve without interfering with the electrical command sequence and facilitated emergency interventions.

FEEDBACK POSITION AVAILABILITY

Continuous access to operating information with high time savings and speed-up of interventions.

NO STICKING

Lower risk of sticking and greater service continuity.



BEREVALAB

BEREVALAB is a laboratory specifically created to design, develop, test and monitor components or systems in a technologically advanced environment capable of replicating the actual operating conditions of cooling systems.



The advanced research laboratory dedicated to refrigeration innovation.

BEREVĀ

A new generation of smart valves that improve the productivity, safety, energy consumption and duration of refrigeration machines.

XBALL

Electronic Expansion Valve System

BEREVALAB

Advanced Research Laboratory

An advanced research laboratory that supports our client partners in the development of innovative solutions based on the integration of smart valves.

INNOVATION

- Research dedicated to the development of innovative products, solutions and services in cooperation with our client partners

ANALYSIS & DEVELOPMENT

- Study, analysis and development of new technologies and frameworks

PROTOTYPING & TESTING

- Testing of components and of refrigeration circuit control technologies
- Development and optimization of technological packages and of single components validated by laboratory tests
- Testing and performance measurement of components or systems
- Training and refresher courses for technicians and specialists