Travel in **comfort** with **Hispacold HVAC** systems

hispacold
Railway HVAC Systems

HVAC Systems for Railway Applications

Travel in **comfort** with **Hispacold HVAC** systems

Hispacold Railway HVAC Solutions: specialists in passenger comfort with first-class engineering quality.

Hispacold is a world leader company in climate systems specialized in passenger comfort with more than 45 years' experience.

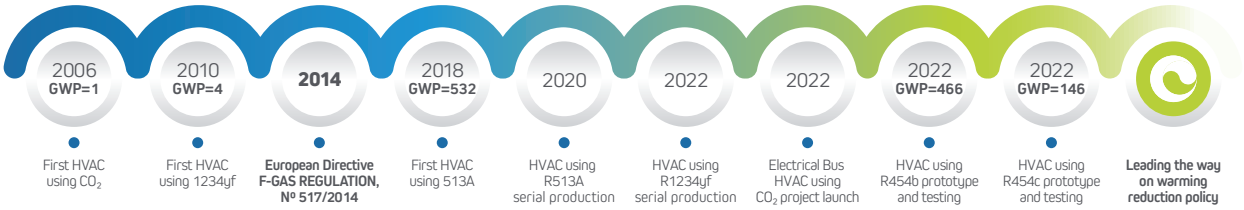
Hispacold designs, manufactures and distributes HVAC systems for all rail vehicles: trams, metros, EMUs, DMUs, LRVs… with proven and reliable technology solutions.

Hispacold is certified in the most recognized international quality management, environment and safety standards: ISO 9001, ISO 14001, ISO 45001, EN 15805-2 and the prestigious ISO/TS 22163 (IRIS).

Alternative **refrigerants** with **lower GWP** and **energy efficiency**

Hispacold has always been commited with global warming reduction policies.

Since 2006 **Hispacold** R&D works in development and testing of alternative refrigerants with lower GWP: natural refrigerants, CO_2, HFO'S and blended HFOs with low GWP.

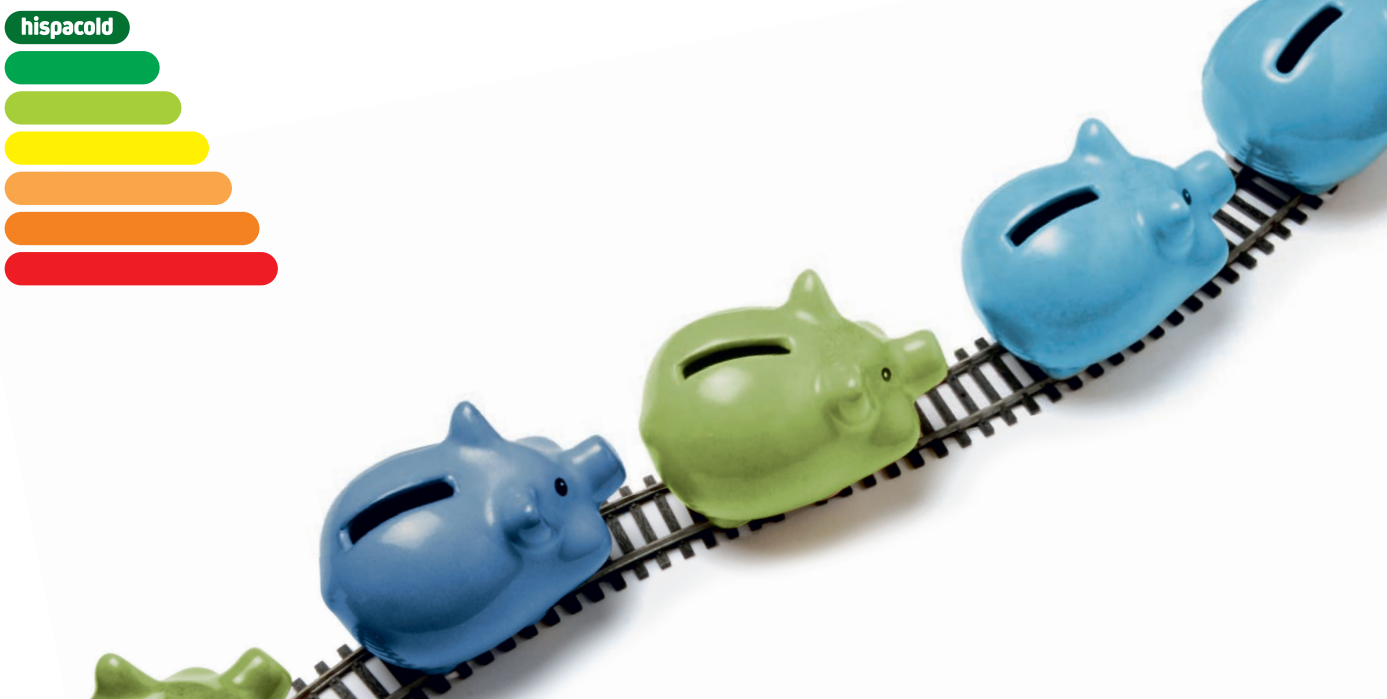


Selecting innovative components for design and testing in very hard climate conditions, **Hispacold** developed its **own heatpump technology, with up to 30% consumption reduction.**

Ultra light weight and reduced dimensions: consumption reduction.

CO_2 sensors are used for fresh air volume control: consumption reduction.

Monitoring Diagnostic WEB for Maintenance: Reduced operation time.



Own **technology** and **innovation**

Hispacold, with a long and deep experience in HVAC solutions, designs systems for all climatic conditions and any type of thermal needs.

Our engineers are working on projects involving new trains, as well as train refurbishing projects.

SALOON UNITS

S100

S101

TRAM
EMU
LRV

S102

TRAM
EMU
LRV

S103

TRAM
EMU
LRV

S104

TRAM
EMU
LRV

S201

EMU
REGIONAL TRAIN
DMU

S300

S301

METRO

S302

METRO

S303

METRO

S304

METRO

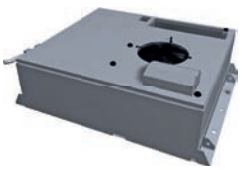
S305

METRO

CABIN AND LOCOMOTIVE UNITS

C100

TRAM
EMU
LRV



C200

DMU
TRAM
EMU
LRV

C300

METRO

C400

LOCO

C500

LOCO

S200

S202

EMU
REGIONAL TRAIN
DMU

S203

EMU
REGIONAL TRAIN
DMU

S204

EMU
REGIONAL TRAIN
DMU

S205

EMU
REGIONAL TRAIN
DMU

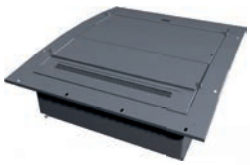
S206

EMU
REGIONAL TRAIN
DMU

S400

S306

METRO



S401

METRO

S402

METRO

Main projects

Regional DMU
Sardinia (Italy)

Commuter Train
Toluca (Mexico)

Metro
Malaga (Spain)

Tramway
Granada (Spain)

Metro
Mexico City (Mexico)

Metro
Bucharest (Romania)

Metro
Istanbul (Turkey)

Tramway
Budapest (Hungary)

Metro
Barcelona (Spain)

Tramway
Belgrade (Serbia)

Tramway
Birmingham (UK)

Tramway
Saint-Étienne (France)

Tramway
Cuiaba (Brazil)

Tramway
Stockholm (Sweden)

Train-Tram
Cadiz (Spain)

EMU Transpennine
United Kingdom

Metro
Quito (Ecuador)

Tramway
Oslo (Norway)

Metro
Naples (Italy)

Tramway
Vitoria (Spain)

hispacold Railway HVAC Systems

Tramway
Kaohsiung (China)

Tramway
Tallinn (Estonia)

Tramway
Amsterdam (Netherlands)

Tramway
De Lijn (Belgium)

Tramway
Utrecht (Netherlands)

Tramway
Luxembourg

Tramway
Mauritius Islands

Tramway
Lund (Sweden)

Tramway
Cagliari (Italy)

Tramway
Canberra (Australia)

EMU FEVE
Spain

EMU FGC
Spain

Hvle Locomotives
Germany

Metro
Amsterdam (Netherlands)

Train Tram
Szeged

Tram
Liège (Belgium)

Tramway
Lugano (Switzerland)

LRV
Manila (Philippines)

Train-Tram
Szeged (Hungary)

Loco
Rodoviario (Portugal)

World presence

Cadiz	Istanbul	Granada	Romania
Schönbuch	Tallinn	Manila	Augsburg
United Kingdom	Cagliari	Naples	Taiwan
Mexico City	Cuiaba	Quito	Milan
Birmingham	Sardinia	Vitoria	Myanmar
Stockholm	Utrecht	Malaga	Sidney
Budapest	Monterrey	Mauritius Islands	Lisbon
Belgrade	Saint-Étienne	Lugano	Jerusalem
Luxembourg	Belgium	Oslo	Sarajevo
Barcelona	Edinburgh	Liege	Essen
Bucharest	Toluca	Australia	Genoa
Kaohsiung	Szeged	Amsterdam	London

Hispacold is a company of Irizar Group SC, which employees more than 3500 people and has a global turnover of more than 700 Million €. This gives Hispacold the benefits from a multinational organization while maintaining an individual company spirit.

Hispacold HVAC systems are running in all five continents and in more than 100 countries.

more info

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