

**SOLUTIONS**



VALUE  
PROTECTION  
RANGE

INTELLIGENT  
CLIMATE  
TECHNOLOGY  
**ThinC!**

 **TROTEC**  
AT WORK.



FOTOKREDIT: RÉMI DARGÈGEN

TROTEC

**CONTINUOUS IMPROVEMENT PROCESS...** is the premise of TROTEC research and Development. To be the world leader in dehumidifiers is a obligation. A Commitment to get better. With ThinC! TROTEC has developed a series of both technologically and aesthetically Climate Managers nothing is left to be desired. Multifunctionality and custom designs - **ET VOILÀ: THE INTELLIGENT CLIMATE MANAGERS FROM THE VALUE PROTECTION RANGE. ThinC!**

**ThinC! GUARANTEED CONSISTENCY. FOR CLIMATE AND VALUE.** Because in the ThinC! idea is all technological knowledge from TROTEC indoor air research. The basic constitute ensures the High Performance DH dehumidifiers, give reliable dehumidification performance even at low temperatures. Ideal in unheated garages and prevent corrosion, mildew, condensation and bacteria of expensive Chrome Jewels. **AND ThinC! CAN STILL DO MUCH MORE ...**



# TROTEC ThinCs CLIMATE!

## ! RUST.

Consistent, optimum humidity for the prevention of corrosion damage.

## ! ODOURS.

Neutralises unpleasant odours by Ionization.

## ! DUST.

With technological finesse ThinC! effectively reduces the dust.

## ! SOOT.

The integrated special filter reduces deposits and difficult to remove residues.

## ! MOULD.

Before mould in the room and on fixtures can arise the ThinC! takes over.

## ! BACTERIA.

Bacteria are harmful to health, but also valuable collectibles. The principle of oxidative air cleaning ensures a low-stimulus Surrounding.



**YOU BETTER ThinC!** IF YOU WANT TO PR



TROTEC

## MASTERPIECES.

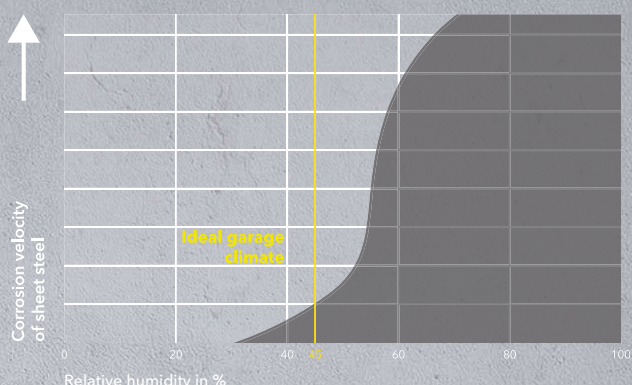
They hang on the wall for the Owner to enjoy. As Art. As value. So that this is maintained, the painting is not always needing to be consumed by costly cleaning. Frames do not warp, or colours suffer: **ThinC! THE OPTIMIZED CLIMATE MANAGEMENT FOR VAN GOGH TO PICASSO.**

## LITERATURE.

For the Passionate reader and book collector all pages are invaluable. The climate concept suits the needs for bibliophile people. Preventing room air to damage papers and filters decomposing pollutants from cracks, material stresses, Ink corrosion, mould or mildew odour. **ThinC! MAKES A GOOD READING CLIMATE. FOR EYES AND NOSE.**



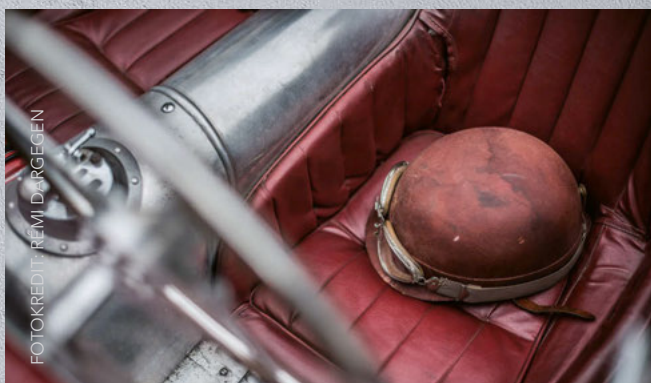
PROTECT WHAT IS PRECIOUS TO YOU.



**CHROME JEWELS**

...to shine and not rust. It guarantees the optimal garage climate of below 50% humidity. Protects against corrosion, mold, and porosity. Plus ThinC! reduces gasoline odors, soot, dust and bacteria.

**ThinC! RUST FREE HAPPY.**



**RARE WINES.**

For enjoyment and value to remain, optimal climate management for wine is necessary. Consistent humidity of about 70% is optimal for wine. ThinC! prevents the cork from drying out, oxygen entering the bottle, mildew forming or odours influencing the aroma of the wine. **BEST WINE MANAGEMENT. ThinC!**

**ANTIQUES.**

Old furniture and precious instruments creates a homey ambiance. Wood in interact with the air humidity, and needs stability. Shrinkage cracks, swelled veneers and discolouration can be a result of problematic air. Antique furniture are nice. But the smell of recent centuries should not adhere to them. Family heritage, generation furniture, value investment. **ThinC! PROTECTS THE FUTURE OF TRADITION.**



# PERFECT INDOOR CLIMATE I

ThinC! the comprehensive climate Management of the DH-VPR devices are a combination of intensive research, much TROTEC-experience and accurate listening. Listening what our customers expect from us.

Therefore, individuality is a ThinC! noticeable premise of that technologically, but also in design.

Each material has specific properties. Each room reveals other conditions. ThinC! provides flexible and reliable dehumidification for any conditions, even at low temperatures from 0°C. And so keeps the most varied of objects in their best condition.

ThinC!



Special colour example  
high-gloss white



Special colour example  
Ferrari Red



Special colour example  
Gulf Blue



Special colour example  
Racing Green



Special colour example  
Bugatti Blue



Stainless steel faceplate



Individual faceplate,  
gilded



Individual faceplate,  
carbon

## S HIGH ART

ThinC! No matter in which room. Whether garage, wine cellar, museum or library, the DH-VPR devices ThinC! generation make any room climate safe.

The air is stimulated to clean and condition. The dust development reduced and unpleasant odours neutralised. All individual, depending on the nose, depending on feeling.

And ThinC! makes custom designs. Colours and materials of the face plate are - according to personal desire and style - variable.

That's healthy climate. For all that has value.

**ALL INDIVIDUALLY. ThinC!**



**DH 15 VPR.** Climatemanager.  
For room sizes up to 225 m<sup>3</sup>



**DH 30 VPR.**  
Climatemanager.  
For room sizes  
up to 405 m<sup>3</sup>



# VALUE. FULLY PROTECTED.

**TROTEC THINKS CLIMATE. ThinC!.** It can provide in every performance category. It models easy handling, intelligent controlled humidity and odour neutralisation. All automatically controlled by hygrostat and intensity regulator, always the best air conditioned room air. Energy-efficient and constantly at the right level.

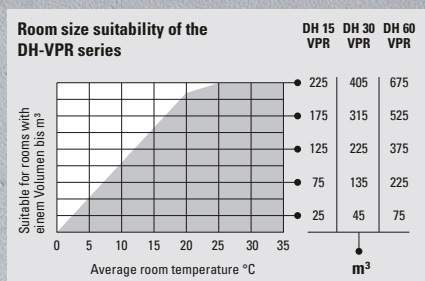
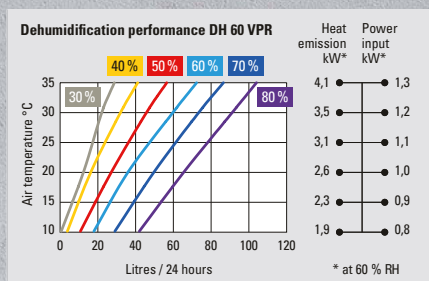
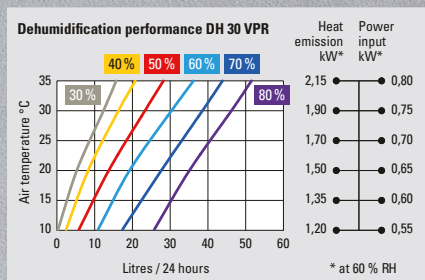
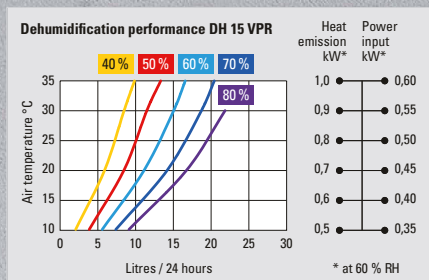
**YOU BETTER ThinC!**



**DH 60 VPR. Climatemanager.**  
For room sizes up to 675 m<sup>3</sup>

Technical data	DH 15 VPR	DH 30 VPR	DH 60 VPR	
Article number	1.125.000.410	1.125.000.415	1.125.000.420	
Dehumidification performance	see performance chart			
Voltage [V] / Current [A]	230 / 3,8	230 / 4,4	230 / 7,5	
Starting current [A] / Fusing [A]	18 / 10	15,8 / 16	30 / 16	
Electrical connection (plug)	CEE 7/7, length 2 m	CEE 7/7, length 2 m	CEE 7/7, length 2 m	
Power input [kW]	0,43	0,75	1,2	
Heat emission <sup>1</sup> [kW]	0,9	1,9	3,5	
Cooling agent	R-407C	R-407C	R-407C	
Air volume freely blowing [m <sup>3</sup> /h]	225	745	1.065	
Sound level (distance 3 m) [dB(A)]	49	52	54	
Operating range temperature [°C]	0 to 40	0 to 40	0 to 40	
Operating range max. RH [%]	90	90	90	
Delivery head of condensate pump [m]	10	10	15	
Hot gas automatic defrost	yes	yes	yes	
Length x width x height [mm]	395 x 829 x 339	280 x 787 x 690	280 x 1.255 x 690	
Weight [kg] <sup>2</sup>	47	57	90	
Standard faceplate	steel, white powder-coated (RAL 9010)			
Consumable accessories	DH 15 VPR	DH 30 VPR	DH 60 VPR	
Air filter	Art. no. 7.710.000.920	Art. no. 7.710.000.925	Art. no. 7.710.000.930	
Useful accessories	DH 15 VPR	DH 30 VPR	DH 60 VPR	
TFV 10 Underside Dryer	Art. no. 1.510.003.021	Art. no. 1.510.003.021	Art. no. 1.510.003.021	
DL200H Climate Data Logger	Art. no. 3.510.260.010	Art. no. 3.510.260.010	Art. no. 3.510.260.010	
Optional erhältlich Ausstattung	DH 15 VPR	DH 30 VPR	DH 60 VPR	
Special designs faceplate	Stainless steel, brushed	Art. no. 1.125.000.411	Art. no. 1.125.000.416	Art. no. 1.125.000.421
	Special colour	finish in the colour of your choice available upon request		
	Individual	e.g. gilding, carbon coating and much else available upon request		

<sup>1</sup> at 30 °C and 75 % RH, <sup>2</sup> weight incl. standard faceplate, may differ in case of special designs



- AT A GLANCE:**
- Made in Germany
  - Perfect drying even at low temperatures from 0°C
  - Corrosion resistant construction
  - Hygostat-controlled automatic operation
  - Professional hot gas automatic defrosting
  - Integrated dust and Soot filter for air purification
  - Deodorisation by ionizer
  - Integrated condensate pump



**TFV 10.**  
Underbody Dryer

# AIR SPA. THINC! UND CO.

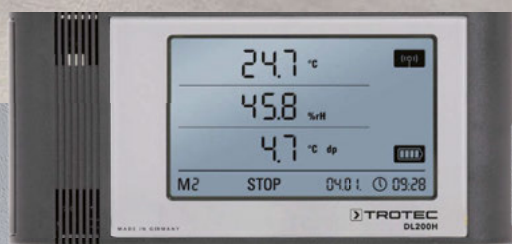
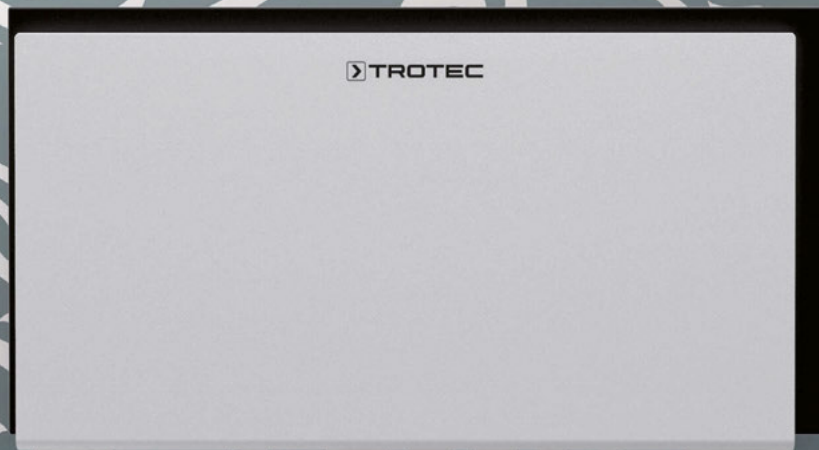
TROTEC makes any room into a positive climate. With ThinC! and the useful product partners for optimal indoor air environment.

The **TFV 10 Underbody Dryer** give wet spots no chance. After one hour they have blown away without a trace. **RUST FREE HAPPY.**

The **DL200H Data Logger** is accurate to the second at monitoring the ambient climate. **FOR EVERYTHING THAT HAS A VALUE.**

The **GC MultiGas High Performance Air Purifier** filters almost all gaseous pollutants, dust particles and chemicals from the air. For heavy odours - the ideal complement to the DH-VPR ThinC! series. **BREATHE IN. EXHALE. SMILE.**

ThinC!



**DL200H.**  
Data Logger



**GC MultiGas.**  
High Performance Air Purifier

## „AH YES“

### THE LITTLE GUIDE TO GARAGE CLIMATE.

#### **Do you push your car out of the garage first before starting it?**

No? Start your gem inside? Maybe even with the stern to the garage wall? Then there they are: soot and oil mist. You should use a DH-VPR quickly before they settle, it filters the indoor air from your garage.

ThinC! cleans. Keeps clean. Not only your car, but also walls, floors, cabinets.

#### **Rust? Your car still has a garage roof over their heads.**

Nice. But corrosion is due solely to the relative indoor humidity. Relative humidity below 50% does the Chrome jewels good. The garage temperature falls nightly by 10°C, thus letting the relative humidity in the air inside to rise more than 30%. Corrosion quietly does unnoticed and destructive work in the dark. The ThinC! series keeps the room air humidity constant day and night, no matter what the temperature. 24 hour protection.

#### **Polish your classic regularly?**

Why worry about dust? Because it is always there. In the air. When opening the doors. At each exit, take it with you. Always clean in an well-kept garage. The ThinC! series makes the air clean 2 - 3 times every hour, 48 to 72 times a day. So your vehicle shines long and as fresh as if it has just been washed. Dust-free shine. Simply for longer and more beautiful.

#### **A real fan wants the smell of fuel, carburetors, oil and quality leather.**

##### **Honest?**

On one hand, it is a fragrance revelation, on the other an imposition. The ionizer of ThinC! series creates calm in the chaos of a garage odour.

#### **Everything, not your topic. New garage - Warm, insulated all around and sealed like a submarine?**

And do you find the humidity outcome after driving through the rain? Simple: In corners, on walls and ceilings, well-known as the black mold areas. ThinC!, the individually controllable dehumidifier. For old and new garages. Insulated, sealed and heated garages are like a vault for moisture. And therefore at risk of mould growth.

#### **New cars and ancient treasures together in a garage?**

It's raining on the drive home, and then you put the wet car in the garage. ThinC! ensures that the evaporation moisture on your modern everyday Classic Cars are not infected with rust. The garage climate remains below the corrosion limits even after driving in the rain constantly. The new can be dried quickly, while your old treasures remain reliably protected against corrosion.

#### **How much is the value preservation of your Classic Car?**

In purely mathematical terms - almost nothing. In general, the investment cost is in relation to the total value of the exhibit and facilities under 1%. Taking into consideration the restoration costs, which will occur over time due to lack of protection against corrosion and mould - the purchase cost is a smart investment.