

DEHUMIDIFIERS  
**CONSOLE & MOBILE**

**Climixel**  
by PROCOPI



**THE SOLUTION**  
**FOR YOUR COMFORT !**

**PROCOPI**  
Pool & Spa Equipment



Climexel<sup>®</sup>  
by PROCOPI

## CLIMEXEL<sup>®</sup>, ANOTHER WORD FOR THERMAL COMFORT!

A dehumidifier is indispensable for every indoor pool.

Dehumidifiers may be used to control hygrometry (level of humidity in the air) and may also, as an option, be used to heat the room, guaranteeing the comfort of bathers and sanitary cleanliness of the installation.



## WHAT IS A DEHUMIDIFIER?

A dehumidifier is a device that draws humid air from the room over a cold evaporator to cool the air to below dew point.

The air returned is fresh and dry. The air may be heated before being returned to the room depending on the season.

# MOBILE DEHUMIDIFIER



## CLIMEXEL® DEHUMIDIFIERS DPA 20E

This mobile, compact dehumidifier is ideal for small humid rooms (kitchens, bathrooms, etc.) or rooms equipped with a spa.

- Dehumidifies, dries and cleans air, (Ioniser option; TiO)
- Explosion proof condenser
- Activated charcoal filter
- 24 hour timer
- Digital control, LED
- Automatic defrosting
- Antibacterial collection tank

TECHNICAL DATA	
Model	DPA 20E
Dehumidification capacity (L/day) at 30°C, 80%	230V/50Hz
Power supply	370
Air volume	(M <sup>3</sup> /h): 150
Electrical consumption	470 Watts
Fan speed	2
Collection tank volume	3.5L
Compressor	Alternating
Refrigerant gas	R-134a
Dimensions ( LxWxH mm)	230 X 300 X 510
Weight (Kg)	13
Certification	CF

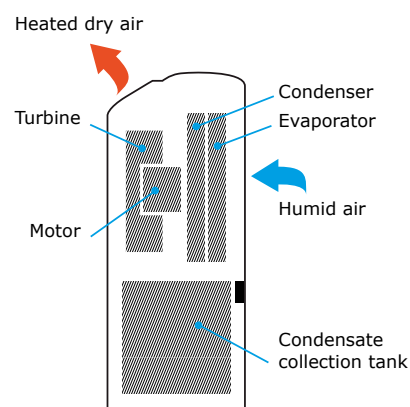
*Data valid under the following operating conditions - ambient air temperature 30°C, relative humidity 90%.*



### Operating principal.

This product lowers the relative humidity in a room by taking in air and drawing it over a cold fin radiator (the evaporator) stripping it of moisture. Condensates drain by gravity into a collection tank. The dry, cooled air then passes over a hot fin radiator (the condenser) to heat the air before returning it to the room.

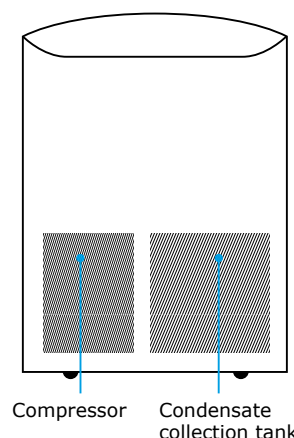
As a general rule, this machine is suitable for dehumidification of a 30 m<sup>3</sup> room, this may vary depending on the amount of water vapour generated and the relative humidity setting selected.



### Siting and positioning.

The position of the dehumidifier should be selected in accordance with the regulations in effect in the country of installation, notably those concerning proximity of electrical outlets and water fixtures. In France, the standard C15-100 applies depending on the device's protection rating with respect to liquids.

The dehumidifier should be positioned in the room such that it will correctly capture humidity (avoid dead zones, corners, etc.). Leave a gap of at least 30 cm around the entire periphery of the device to avoid impeding the air flow.





# CONSOLE DEHUMIDIFIER



## CLIMEXEL® DEHUMIDIFIERS 850-E AND 950-E

Climaxel® 850-E and 950-E dehumidifiers are extremely adaptable and very easy to use thanks to their pre-programmed functions:

- LED touch control pad with digital read out of the relative humidity (RH).
- Two pre-set fan speeds.
- Four pre-programmed humidity settings: 40, 50, 60 and 70 %.
- Free standing or wall mounted.



TECHNICAL DATA		
Model	850-E	950-E
Power supply (Volts)	230 V / 50 Hz	230 V / 50 Hz
Power input (Watts)	850	950
Electric current requirement (Amps)	4,50	6
Dehumidification capacity*	45 litres/ 24 hours	60 litres/ 24 hours
Air flow rate (m³/h)	500	680
Coolant	R 407 C	R 407 C
Operating temperature range (°C)	7 to 32	7 to 32
Dimensions (L x W x P) in mm	660 x 750 x 345	660 x 750 x 345
Weight (Kg)	39	44

\* Dehumidification capacity for air temperature of 30°C and RH of 70%

A console dehumidifier is ideal for treating the air in rooms containing a pool.

However, placing a dehumidifier console on only one side of the pool can lead to the formation of “dead zones” of air that are difficult to treat.

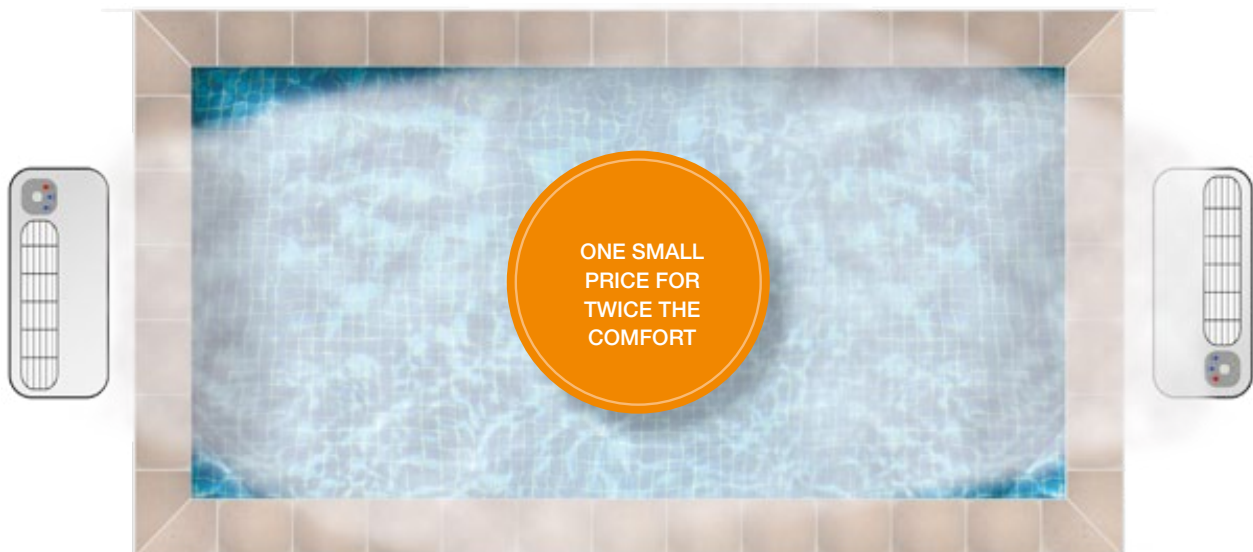
Given that Climixel® dehumidifiers draw very little current, they can be plugged into a standard 230 V E+N, 16 amp outlet.



## THE CLIMIXEL® BI-CONSOLE SOLUTION

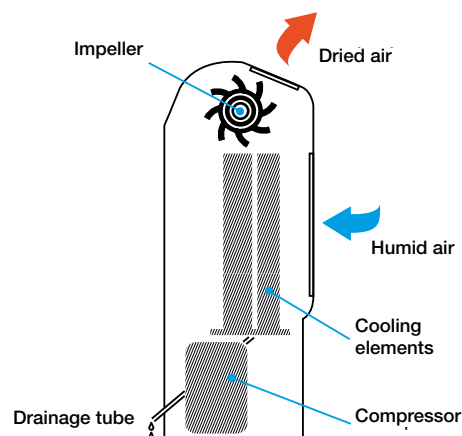
With the Climixel® bi-console solution, Procopi allows you to retain all the flexibility of a console dehumidifier while avoiding the formation of untreated “dead zones”.

The combined price of 2 Climixel® console dehumidifiers is still well below the cost of one machine of equivalent power, making this an attractive and economical solution.



### Operating principle

Your Climixel® 850-E/950-E dehumidifier controls the relative humidity according to the following principle: humid air is drawn in over the cooling elements causing the moisture it contains to condense out into droplets. The water recovered drains by gravity into the collection tank from where it is channelled through the drain. The dried air is then passed into a heat exchanger where it is warmed before being returned to the room. The user selects the desired relative humidity setting using the buttons on the control pad.





## DURATION OF THE GUARANTEE

Climixel dehumidifiers are covered by a 2 year guarantee.



## REMEMBER!

Procopi offers you a free software application to conduct

**DEHUMIDIFICATION** and heating studies.

This application is available for download from [procopi.com](http://procopi.com) and on our AquaSoft DVD.



DEALER'S STAMP



**Climixel**  
by **PROCOPI**