**DF2****DUCTED AND  
THROUGH THE WALL**

### **1** A SOLUTION FOR EVERY NEED

The DF2 dehumidifier is ideal to effectively remove excess humidity for indoor pools. With Through the wall and ducted versions available, as well as a titanium condenser for both versions, the DF2 is the solution that adapts to your needs.



### **2** WIDE RANGE OF DEHUMIDIFICATION CAPACITIES

With 5 dehumidification capacities ranging from 3.5 to 12.1 L/hr (the titanium version ranges from 5 to 13 L/hr), the DF2 range will suit most residential or semi-public indoor pools.



### **3** AIR HEATING

In addition to its dehumidification features, the optional DF2 unit provides the option of heating the pool room with no additional equipment required, using an electrical resistance heater or a hot water battery depending on your needs.





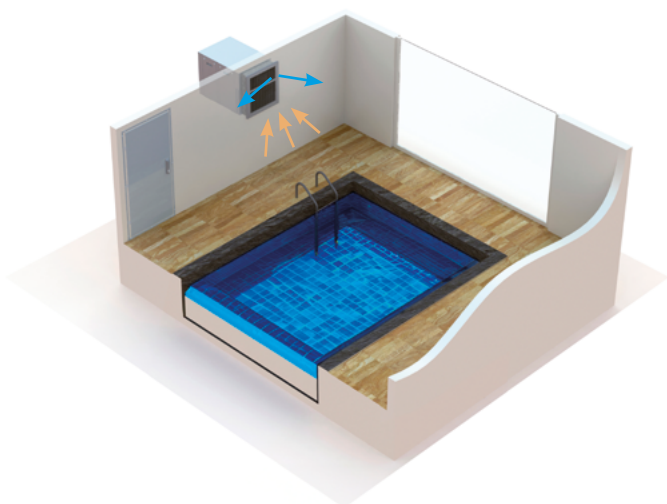
## WHY DEHUMIDIFY AN INDOOR POOL?

Rooms or conservatory housing a pool have high air humidity levels, also known as hygrometry. The water vapour trapped inside can cause many harmful phenomena: mould, peeling, rust, etc. This means that installing a dehumidifier is essential to ensure the durability of your indoor pool and user comfort.

## TWO DF2 VERSIONS: DUCTED AND THROUGH THE WALL

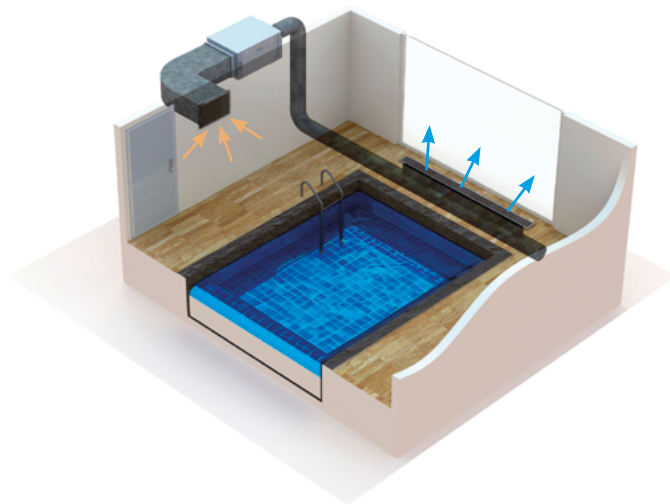
### THROUGH THE WALL VERSION

This is the ideal solution if space is an issue, since this version does not require the installation of ducts network in the technical room, while still ensuring effective dehumidification.



### DUCTED VERSION

The most common and reliable solution for perfect humidity control and optimal dehumidification.



## CRITERIA FOR OPTIMUM COMFORT



- **Ideal water temperature:** between 26°C and 30°C, or higher for professional or medical applications.



- **Air temperature:** between 26°C and 30°C, often set to the same temperature as the water.

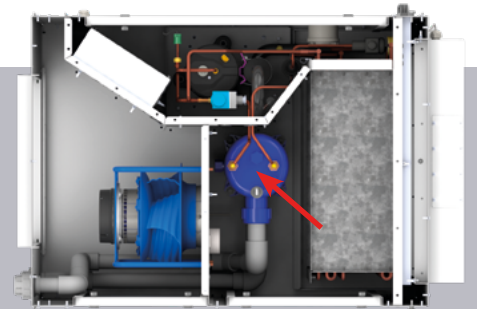


- **Humidity level:** between 60% and 70%. Lower levels make users feel too cold when leaving the water. They create too much moisture and condensation in the room.

## TITANIUM WATER CONDENSER VERSION

The full range of ducted and Through the wall DF2 products is also available in a version that uses a titanium water condenser.

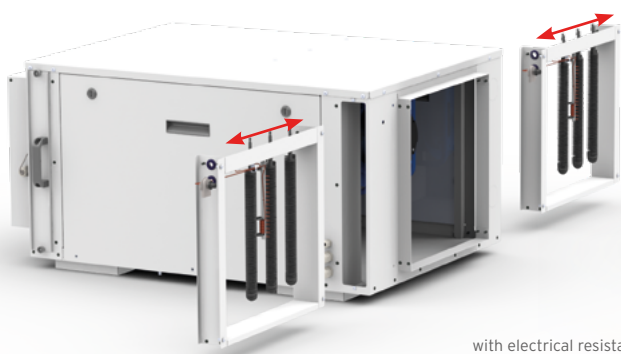
This equipment can heat pool water by transferring calories found in the air.



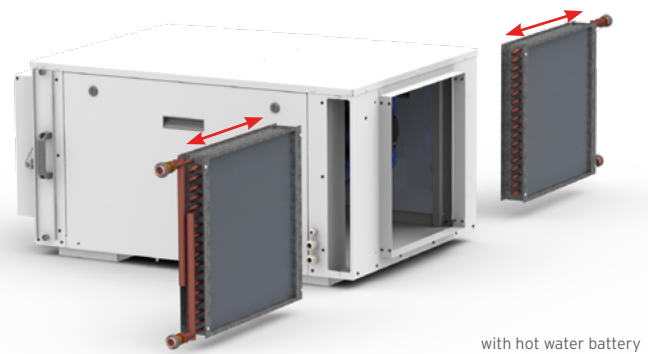
## AIR HEATING OPTIONS

Optionally, the DF2 can be fitted with an electrical resistance or hot water battery to heat the air in the pool room.

Since these systems are directly installed in the dehumidification unit, they do not take up additional space and are easy to set up. They just need to be slid into their slot.



with electrical resistance



with hot water battery

## DID YOU KNOW?

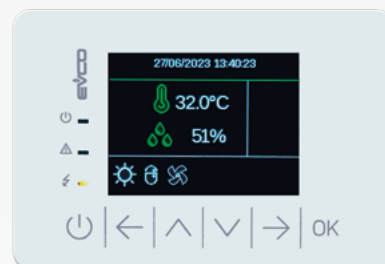
The DF2 also features an ECO mode, which decreases electricity consumption and noise thanks to its fan with a Super Premium Efficiency (IE4 class) motor that meets the ErP (Energy-related Products) directive.

# INTUITIVE CONTROL PANEL AND ADVANCED FEATURES

The DF2 features an intuitive control panel to easily adjust dehumidification settings. Since it comes with a 10-m cable, it can be installed on the unit or in another location for more simplicity.

The panel also provides access to:

- an ECO mode for lower electricity consumption and noise,
- a feature to set operation ranges,
- a mode to detect the pool cover,
- an air filter clogging detection.



## TECHNICAL INFORMATION - DF2 DUCTED

DUCTED *version with titanium condenser	DF2-03		DF2-05		DF2-05		DF2-08		DF2-08		DF2-10		DF2-10		DF2-12	
	MD	MDC*	MD	MDC*	TD	TDC*	MD	MDC*	TD	TDC*	MD	MDC*	TD	TDC*	TD	TDC*
Dehumidification capacity (L/h)	3,5	5,0	5,6	7,0	5,6	7,0	8,7	9,8	8,7	9,4	10,7	11,3	10,7	11,5	12,1	13,0
Absorbed power (W)	1755	1471	2580	1973	2510	1973	3560	2742	3514	2902	4620	3506	4609	3506	4999	4187
Air flow rate (m3/h)	1300				1700				2000							
Available pressure (mCE)	200															
Electric power supply	220 - 240V / 1N / 50Hz				380 - 400V / 3N / 50Hz		220 - 240V / 1N / 50Hz		380 - 400V / 3N / 50Hz		220 - 240V / 1N / 50Hz		380 - 400V / 3N / 50Hz			
Nominal current absorbed (A)	7,9	6,5	11,9	9,1	4,3	3,6	16,6	12,8	6,03	5,5	21,5	17,5	8,5	5,8	9,0	7,9
Maximal current absorbed (A)	15		19,2		7,9		29,1		14,5		34,2		15,5		17,5	
Refrigerant fluid (kg)	R410A															
Refrigerant fluid quantity (kg)	1,4	2,02	1,5	2,1	1,5	2,1	1,75	1,75	1,75	2,21	2,56	2,96	2,56	2,96	2,62	3,1
Condensate drainage	R-3/4" - PVC-25															
Acoustic power (dB(A))	71,5				73,6				76,7							

## TECHNICAL INFORMATION - DF2 THROUGH THE WALL

THROUGH THE WALL *version with titanium condenser	DF2-03		DF2-05		DF2-05		DF2-08		DF2-08		DF2-10		DF2-10		DF2-12	
	MD	MDC*	MD	MDC*	TD	TDC*	MD	MDC*	TD	TDC*	MD	MDC*	TD	TDC*	TD	TDC*
Dehumidification capacity (L/h)	3,5	5,0	5,6	7,0	5,6	7,0	8,7	9,8	8,7	9,4	10,7	11,3	10,7	11,5	12,1	13,0
Absorbed power (W)	1755	1471	2580	1973	2510	1973	3560	2742	3514	2902	4620	3506	4609	3506	4999	4187
Air flow rate (m3/h)	1300				1700				2000							
Available pressure (mCE)	200															
Electric power supply	220 - 240V / 1N / 50Hz				380 - 400V / 3N / 50Hz		220 - 240V / 1N / 50Hz		380 - 400V / 3N / 50Hz		220 - 240V / 1N / 50Hz		380 - 400V / 3N / 50Hz			
Nominal current absorbed (A)	7,8	6,5	11,9	9,1	4,3	3,6	16,6	12,8	6,0	5,5	21,5	17,5	8,5	5,8	9,0	7,9
Maximal current absorbed (A)	15		19,2		7,9		29,1		14,5		34,2		15,5		17,5	
Refrigerant fluid (kg)	R410A															
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Condensate drainage	R-3/4" - PVC-25															
Acoustic power (dB(A))	71,5				73,6				76,7							

Dehumidifiers provide a reliable solution to regulate humidity in buildings housing an indoor pool. This is essential to preserve seals and materials and for the hygiene of the room.

\*Standard model with the following nominal conditions: air 30°C, air humidity 70%.

\*\*Without electric assistance unit.