

DRY 400

Models

METAL



DUCT



SILVER



THROUGH THE WALL



PLASTIK Wave



48 l / 45 m²

AIR FAN
Radial fan
EBM-PAPST

AIR HEATING
LPHW, 3.5kW
2-way magnetic valve
Electric heater, 2kW
Control of the boiler

CONTROL PANEL
Built-in rotary
Digital for comfort
Wireless
Wired remote

COMPRESSOR
LG/Daikin
Energy class A+
quiet operation
microCOMPRESSOR

AIR FILTER
Fiberglass dust filter

CONDENSATE DRAIN
18mm hose

AIR EXCHANGER
GoldFin epoxid aluminium
100% corrosion free

ultra QUIET
No vibration
Only 42dB(A)

EXTRA THIN
Only 255-300mm

SILVER COVER
Stainless steel, 100% corrosion free

PLASTIC COVER
Durable Acryl, white color

METAL COVER
Galvanised powder coated,
plastic layer
any RAL color possible, glossy or matte

0.05€
per liter

at average rate
0.15€ / kWh

+5°C | 42°C
application

the
WIDEST
selection

of models,
accessories and
finishes

Microwell reserves the right to change the technical data without notice.

Series DRY 400 provides full swimming pool environment control by monitoring as well as regulating humidity and air temperature. DRY 400 units are suitable for smaller pools, wellnesses or hot tubs.

Model DRY METAL can be delivered in any RAL color, glossy or matte finish.

The favourite product DRY PLASTIK was redesigned into state of the art shapes of waves - DRY PLASTIK Wave.

Installation options: on the wall, on the floor, through the wall or on the mobile stand.

STANDARD EQUIPMENT:

- MICROWELL DRY dehumidifier
- Wall console
- Fixation screws
- microCOMPRESSOR+
- ultraQUIET+
- easyINSTALL+
- User manual
- Installation layout

ACCESSORIES:

- Remote wireless humidistat & thermostat
- Remote wired humidistat
- LPHW with/without automatic regulation
- Electric heater
- microLIGHT+
- Air filter
- Fresh air supply

Model	Pool surface m ²	Extraction rate 30°C / 60%RH l/24hrs	Extraction rate 30°C / 80%RH l/24hrs	Air flow m ³ /h / Pa	Noise level (at 1 m dist.) dB (A)	Power consumption W	Heat output W	Refrigerant	Dimensions netto (W x H x D) mm	Weight netto kg
DRY 400 PLASTIK Wave	45	48	58	600	42	700	1900	R410A	780 x 660 x 255	40
DRY 400 SILVER									780 x 642 x 300	50
DRY 400 METAL									780 x 660 x 255	40
DRY 400 TTW									780 x 660 x 255	
DRY 400 DUCT	40	43	56	500 / 200	54	800		780 x 660 x 255		



MICROWELL DRY swimming pool dehumidifiers are an innovative and visually attractive solution for indoor pools. Working on the principle of condensation, they are removing humid air from swimming pool hall, replacing it with dry and warm air. They solve humidity problems and maintain healthy environment by removing condensation and providing free heating through heat recovery.

DRY RANGE FOR INDOOR DRYNESS

DRY is a product line of swimming pool dehumidifiers by Microwell designed to cover full requirements of domestic pool or spa sizes. As innovative and visually attractive solution for highly effective humidity extraction, they are well known for their best-in-class efficiency that ultimately results in a reduction of unnecessary and preventable costs.

IDEAL HUMIDITY


Humidity is not an enemy when controlled but can cause serious troubles otherwise. Ideal humidity for pool or spa users is when they feel comfortable. This feeling is achieved by a relative humidity from 55% to 65%. Humidity above 70% is detected by condensation on windows and walls and continuously deteriorates the pool or spa environment. It is also a perfect environment for mould and bacteria to grow. Humidity lower than 45% actually causes a reversed problem to bathers in the form of dry feeling and possible harm to mucous tissue. The innovative series of Microwell dehumidifiers keep the humidity at ideal 55%-65%.

PLENTY OF OPTIONS

Designing of Microwell dehumidifiers we have always the requirements of customers in mind. They offer advanced functionality and the widest selection of accessories, built with best materials, modern equipment and carefully executed processes on every step of product development, everything for customer's satisfaction.

HEAT RECOVERY

Every dehumidifier is built on heat recovery principle providing up to 3.5 times more energy than it consumes.

FRESH AIR SUPPLY 

Each Microwell dehumidifier has fresh air supply possibility. The air inlet is located under the condenser, that way the incoming fresh air is effectively heated at no cost thanks to heat recovery.

microLIGHT+

This unique LED technology was designed for accurate measurement and intuitive reading of humidity level present in swimming pool hall. Colour, instead of measured figures, indicates the humidity level in continuous gradient with blue /low humidity/, green /ideal humidity/ and red /high humidity/.

The effective performance of these dehumidifiers is proven to be the best in class.

MICROWELL, spol. s r.o.
SNP 2018/42
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Ctrltech®
Power, Cooling & Monitoring

SWIMMING POOL DEHUMIDIFIER



DRY 400

SWIMMING POOL DEHUMIDIFIERS

TECHNICAL DATA

		Pool surface	Extraction rate 30°C / 60%RH	Extraction rate 30°C / 80%RH	Air flow	Noise level (at 1 m dist.)	Power consumption	Heat output	Refrigerant	Dimensions netto (W x H x D)	Weight netto
SERIES	Model	m ²	l/24hrs	l/24hrs	m ³ /h / Pa	dB (A)	W	W		mm	kg
DRY 300	PLASTIK Wave	30	36	48	550	42	700	1900	R410A	780 x 660 x 255	40
	SILVER									780 x 642 x 300	50
	METAL									780 x 660 x 255	40
	TTW										
	DUCT	30	32	43	500 / 200	54	800				
DRY 400	PLASTIK Wave	45	48	58	600	42	700	1900	R410A	780 x 660 x 255	40
	SILVER									780 x 642 x 300	50
	METAL									780 x 660 x 255	40
	TTW										
	DUCT	40	43	56	500 / 200	54	800				
DRY 500	PLASTIK Wave	60	66	101	800	44	1000	3500	R410A	1245 x 660 x 255	60
	SILVER									1245 x 660 x 300	77
	METAL									1245 x 660 x 255	60
	TTW										
	DUCT	50	52	68	1000 / 200	56	1150			1245 x 660 x 255	75
DRY 800	METAL	90	90	136	1100	46	1600	5100	R410A	1250 x 950 x 310	100
	TTW									1247 x 950 x 300	102
	DUCT	80	88	135	1100 / 170	58	1700				
DRY 1200	METAL	120	120	181	1200	46	2150	5250	R410A	1250 x 950 x 310	104
	TTW									1247 x 950 x 300	103
	DUCT	110	112	170	1200 / 145	60	2250				