

DRY TTW

Designed for indoor pools, wellness centers, spas, and hotels



INNOVATIVE SWIMMING POOL DEHUMIDIFIERS

- Cutting-Edge Dehumidification Technology
- Energy-Efficient Design – Lower Operational Costs
- User friendly control panel – built for swimming pool environment
 - Ultra Quiet – Whisper-level operation for spas and hotels



**NEW
DESIGN**

**SELF-
DIAGNOSIS**

**PASSIVE
DEFROSTING**

**DOUBLE
SILENT
BLOCK**

Smart Home
RS-485

DRY DUCT PRODUCT LINE

The DRY TTW product line is designed for indoor pools, wellness centers, and hot tubs. Its modern wave-shaped design not only enhances aesthetics but also ensures efficient dehumidification and heat recovery. The unit operates quietly, making it suitable for environments where noise levels are a concern. With multiple installation and control options, it offers flexibility to meet various user needs.



DRY TTW 300 - 400 - 500



DRY TTW 800 - 1200

INVISIBLE

Say goodbye to bulky equipment in your pool space. The Microwell DRY TTW line is designed to be completely invisible, installed in a separate technical room while still delivering top-tier dehumidification where you need it.

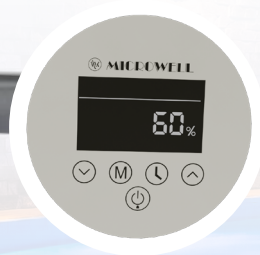




ONE DEVICE. TOTAL CLIMATE CONTROL FOR INDOOR POOLS

NOW WITH THE ALL-NEW SMART CONTROLLER

- Dehumidify
- Heat
- Fresh air, Ventilation



INVISIBLE CLIMATE CONTROL APPLICATION

With Through-the-Wall (TTW) installation, the dehumidifier stays completely hidden in a technical room. From the pool hall, you only see the air grilles – no visible machinery, no noise, no disruption. Just clean, dry air.

Perfect for: small or minimalistic interiors, rooms where 230V equipment must remain distant from water, architects seeking clean lines and unobstructed design.



*Some of the photos are not real, just visualizations.

Technical data

Technical data	Unit	DRY 300 WAVE	DRY 400 WAVE	DRY 500 WAVE	DRY 800 WAVE	DRY 1200 WAVE
For swimming pool with a max. water surface of	m ²	30	45	60	60-90	90-120
Dehumidification performance at 30°C and 60% RH/RV	l/24h	36	48	66	90	120
Dehumidification performance at 30°C and 70% RH/RV	l/24h	43	53	83	112	150
Dehumidification performance at 30°C and 80% RH/RV	l/24h	48	58	101	136	181
Standard operating temperature	°C	9-36	9-42	9-36	9-36	9-36
Operating temperature - defrost set	°C	15-35	15-42	15-35	22-35	22-35
Operating temperature - Thermostatic expansion valve (TEV)	°C	22-42	—	22-42	15-35	15-35
Operating temperature - defrost set + TEV	°C	15-42	—	15-42	35-42	35-42
Operating temperature - reverse defrost	°C	5-35	—	5-35	—	—
Operating humidity range	% RH / % RV	20-100	20-100	20-100	20-100	20-100
Water flow / Air flow*	m ³ /h	550 (water flow)	600 (water flow)	800 (water flow)	1100 (air flow)	1200 (air flow)
Noise (at 1m distance)	dB (A)	42	42	44	46	46
Heating output	W	1900	1900	3500	5100	5250
El. input	W	700	700	1000	1700	2400
Power supply	V/Hz/f	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1
Operating/starting current	A	3,1/15	3,1/15	4,5/15	8/50	12/60
El. insulation - type C	A	10	10	16	16	20
Power cord	mm ²	CYSY 3C x 1,5	CYSY 3C x 1,5	CYSY 3C x 2,5	CYSY 3C x 2,5	CYSY 3C x 2,5
Condensing pipe - outer diameter	mm	d 20	d 20	d 20	d 20	d 20
Net dimensions (width x height x depth)	mm	780 x 660 x 255	780 x 660 x 255	1245 x 660 x 255	1250 x 950 x 310	1250 x 950 x 310
Net weight	kg	40	40	60	80	82
Refrigerant quantity - R410A	kg	0,55; 1,15t CO2 ekv.	0,6; 1,25t CO2 ekv.	0,75; 1,57t CO2 ekv.	1,65; 3,45t CO2 ekv.	1,65; 3,45t CO2 ekv.
Max. system pressure HP/LP	bar	28,5/8,5	28,5/8,5	28,5/8,5	35/14	35/17

The manufacturer reserves the right to alter the technical data without prior notice.
 Remarks: * The data above is only for reference. For specific data, please refer to the nameplate on the unit.

