The floating water evaporator for industrial water

The E46 can accelerate the water evaporation process by up to 12 times. The water is pumped through special nozzles and thrown into the air up to a height of six meters. The nozzles work according to the Venturi principle: this means they additionally suck in air to ensure optimized drop formation, which in turn leads to improved levels of evaporation. The special nozzles also avoid the stream of water sprayed high in the air being carried away by the wind.

THIS MAKES THE E46 UNIQUE:

- Accelerates the water evaporation process by 12 times
- Made of high-quality plastic and stainless steel, making it suitable for difficult conditions
- The water flow is adjustable in two stages
- Particles up to 3.5 mm in size pass through the nozzles
- The E46 is very energy efficient: it only needs 4 kW
- Connection to weather station is possible

ELECTRICAL CHARACTERISTICS

Nominal voltage	V	400/525
Frequency	Hz	50/60
Nominal current	A	10.5
Power connection	A	optional
Nominal power – pump	kW	4

SIZE

Length	mm	1,800
Width	mm	1,800
Height	mm	1,500

WEIGHT

Weight	kg	150

VARIOUS

Operating temperature	°C	-5° to +45°

WATER

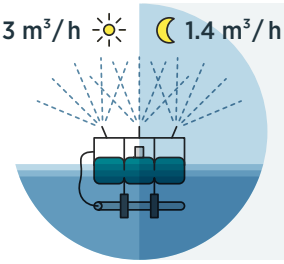
Water flow	l/min	126
Water supply pressure	bar	12

ARRANGEMENT OF NOZZLES

Nozzles	pcs.	6

TYPICAL APPLICATION AREAS

The E46 is suitable for all companies that require help with the evaporation of their industrial; liquids / water. Among these areas are steelworks, copper mines, lithium production facilities, meat processing industries, etc.



A basin with the following dimensions (100 m length x 30 m width x 1 m depth) contains 3,000 m³ of water.

When the sun shines and the E46 is used, 3 m³ of water evaporate per hour and lower the water level by 1 mm.

Conclusion: On a day with 10 hours of sunshine approx. 50 m³ = 16.67 mm evaporate per day
((3 m³ x 10) + (1.4 m³ x 14)).