

FAIRAIR EVAPORIZERS

Environment-friendly technology based on the principle of natural water vaporization. This is the principle of adiabatic cooling, which is an effective alternative to conventional air conditioning. It is used mainly in industrial halls and buildings with partial industrial use, which cannot be fully air-conditioned due to their size. Vaporization cooling brings fresh outside air and ensures a high quality of air. For this reason, the FAIRAIR units can be used to supply outside air throughout the whole year, while cooling is activated only when needed.

FAIRAIR Evaporizers ensure totally clean, hygienic and safe operation in the long term with minimum requirements for operation and maintenance. Unlike conventional compressor air-conditioning systems, on hot days this system does not suffer from failures such as low cooling performance or even shutdown.

APPLICATIONS

The technology is suitable for almost all the industrial sectors, including plastic moulding, metal processing, food industry, electrical engineering, larger spaces such as logistics and distribution hubs, supermarkets or sports halls, but also for agriculture.

EVAPORIZERS

Category	evaporizers	power consumption	3,6 A
Type	FAEV600 FAEV601	IPX coverage	IP65
Dimensions	1150x1150x950mm	Propeller diameter	590 mm
Material	UV stable plastic composite	Blades	ALU
Engine	Franco EC brushless with permanent magnet	Regulation	3-phase
Suction power	15 000 m ³	Control	THI sensors
Consumption	1,3 kW	Warranty - engine	2 years
Voltage	400 VAC 50/60 Hz	Color - basic	brick orange

MODEL	Flow rate	Weight without water (kg)	Tank volume	Pressure loss (Pa)	Ø of throat (mm)
FAEV600	15 000	80	45	100	660x600/Ø610
FAEV601	15 000	80	45	N/A	660x600/Ø610

MODEL	Fan		
	Max. consumption (W)	Voltage/frequency (V/Hz)	Max. power consumption
FAEV600	N/A	N/A	N/A
FAEV601	1,3	400/50	3,6

MODEL	Pump		
	Max. consumption (W)	Voltage/frequency (V/Hz)	Max. power consumption
FAEV600	30	230/50	0,15
FAEV601	30	230/50	0,15

MODEL	Dump valve		
	Max. consumption (W)	Voltage/frequency (V/Hz)	Max. power consumption
FAEV600	20	230/50	0,1
FAEV601	20	230/50	0,1

