



The AQU 18.000 I/L/S fixed cooler is ideal for cooling medium and large industrial spaces. The spearhead of the industrial fixed cooler line, it is part of the line designed for large work spaces with high summer temperatures and the need for frequent air exchanges.

PERFECT FOR

- All environments larger than 250 m², through the installation of one or more machines;
- All industrial manufacturing sectors where it is necessary to have a good air exchange, such as the metalworking, plastic and rubber, food industries, etc.

Technical characteristics

	u.m.	AQU 18.000 I	AQU 18.000 L	AQU 18.000 S
Air outlet	tipo	bottom	side	top
Air flow rate	m ³ /h	18.000	18.000	18.000
Pressure	Pa	180	180	180
Cooled area	mq	250	250	250
Power	w	1.100	1.100	1.100
Noise	db	≤ 73	≤ 73	≤ 73
Water tank	l	40	40	40
Water consumption	l/h	15-20	15-20	15-20
Net/operating weight	kg	80/120	80/120	80/120
Dimension	cm	116x116x90	116x116x90	116x116x90
Vent outlet dimension	cm	67x67	67x67	67x67
Phases	-	1	1	1
Speed	-	16	16	16
Inverter	-	MITSUBISHI INVERTER	MITSUBISHI INVERTER	MITSUBISHI INVERTER
Extraction function	-	si	no	si
Wall control panel	LCD	si	si	si
Remote control	-	si	si	si
Overload protection	-	si	si	si
Pump protection	-	si	si	si
Thermostat/Humidistat/Programmable	-	si	si	si
Automatic draining	-	si	si	si
Cleaning panels and screens	-	si	si	si
Pre-cooling	-	si	si	si

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GENERAL FEATURES

The AQU 18.000 I/L/S is the spearhead of the Aquarial industrial fixed cooler line. It is part of the line designed for large work spaces with high summer temperatures and the need for frequent air exchanges.

It has 1,100 W of power and consumes 15-20 litres of water per hour. It cools the entire work space or specific areas of the industrial building, through the installation of one or more machines. The AQU 18.000 I/L/S fixed cooler has a programmable thermostat and humidistat, wall-mounted LCD control panel, remote control, overload protection system, programmable timer, and automatic draining and cleaning of panels.

Aquarial offers the possibility to create turnkey fixed systems, calibrated based on the specific needs of each customer, with the installation of diffusers, complete ducting, and possible extractors, depending on the cubic area to be cooled, the specific industry, and the number of openings available. Besides lowering the indoor temperature up to 10° compared to outside, Aquarial fixed coolers make the work environment healthier and more productive thanks to continuous air exchange and filtering. When the temperature inside the work environments becomes overly hot, work becomes problematic for both the machinery and the employees, with negative effects on both productivity and staff safety. The need to handle large volumes of air, to have doors and windows open, and the excessive installation and management costs often make traditional air conditioning systems inconvenient.

Aquarial fixed coolers, custom designed for your activity, are the most innovative, ecological, and economical solution to reduce the temperature inside work spaces. In fact, Aquarial coolers both cool and filter the air, simply taking advantage of the natural principle of evaporation: the hot air is extracted, passes through wet filters, which reduce the temperature and fine dust, and is reissued into the environment, both cooler and purified.

With €2 a day you will have a continuous fresh air exchange, at a savings of over 10 times that of traditional air conditioning systems.

APPLICATION SECTORS

- Metalworking
- Plastic and Rubber
- Food
- Textile
- Carpentry
- Chemical and Pharmaceutical
- Electronics
- Logistics and Packaging
- Laundries and Dyeworks
- Printing Houses
- Electroplating
- Agriculture and Livestock

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