



Cold AIR

F-series

THE ULTIMATE EVOLUTION OF THE COLD AIR EVAPORATIVE COOLER LINE

Equipped with high efficiency filters, in addition to provide cold air the **COLD AIR F-series** protects people and production processes from the effects of poor indoor air quality, dust, particles and other contaminants.



THE INNOVATIVE EVAPORATIVE COOLING SYSTEM FOR INDUSTRIAL, COMMERCIAL, SPORTS AND AGRICULTURAL BUILDINGS THAT LOWERS COOLING COSTS AND IMPROVES THE AIR QUALITY

MODEL	FILTRATION	COOLING CAPACITY kW	AIR CIRCULATION m ³ /h	AIR FLOW m ³ /h	FAN TYPE
TC 209 F	EU4 / EU9	49	28.000	20.000	CENTRIFUGAL
TC 109 F	EU4 / EU9	24	14.000	10.000	CENTRIFUGAL

GENERAL CHARACTERISTICS

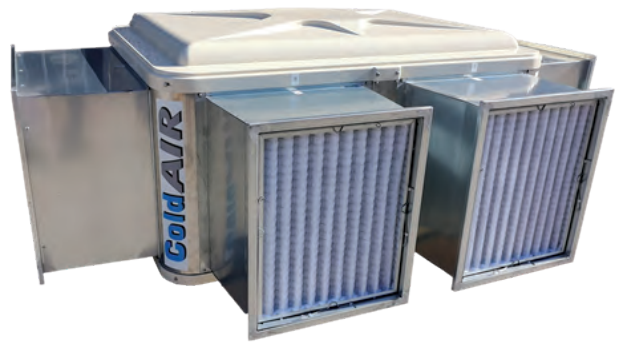
- Stainless steel frame
- ABS external cap and bottom
- Evaporative pads 100 mm thickness
- 88% saturation efficiency
- High cooling capacity
- Water supply electronic valve
- Automatic water discharge
- Automatic cleaning cycle
- Main switch on board the unit
- Cooling ventilation mode
- Fan 2 speed
- Low electricity consumption
- Very low weight
- Roof installation
- Legionella free
(test report available on request)



APPLICATION FIELDS

The **COLD AIR “F-series”** are particularly indicated for all situations where the quality of the air is a top priority just to mention some:

- Food industry Manufacturing, Processing and Warehousing
- Pharmaceutical industry Manufacturing and Warehousing
- Bottling plants
- Cannabis indoor cultivations
- Horticulture indoor farming



TECHNICAL CHARACTERISTICS - TC 209 F9

Fan type		CENTRIFUGAL
Pressure Max	Pa	250
Electric supply	V / Hz	400-3N / 50
Total power	kW	3,20
Overall dimensions LxWxH	mm	2550 x 2100 x 1050
Total weight Empty / Full	kg	310 / 340
Noise level min / max ⁽¹⁾	dB (A)	54 / 69

(1) Test conditions : Free space / 4 m distance



COOLING PADS

Saturation efficiency	%	88
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Test conditions : T 33° C / RH 60%

For info and data sheet:
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FILTERS	FILTER CELL	POCKET FILTER
		
	Filtering cell	Pocket filter
Efficiency Class Eurovent	EU4 (G4 - EN779)	EU9 (F9 - EN779)
Efficiency Class ASHRAE 52.2	MERV 7-8	MERV 15
Material	Synthetic ondulate	Micro glass fiber
Frame	Galvanized steel	Plastic
Arrestance (Ashrae 52.1)	90%	95%



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