

Datasheet

ACB-15-V

Adiabatic module with lower air outlet



	DESCRIPTION	UNITS	DATA
AIRFLOW	Maximum allowable flow	m ³ /h	15.336
	Minimum allowable flow	m ³ /h	10.224
	Pressure loss at maximum flow	Well	40
	Pressure loss at minimum flow	Well	18
THE PIPE	Model	-	EBM ALPHA 45/15
	Rated power/consumption	-	50 W / 0.17 A
	Caudal (2m altura)	l/m	25
	Strain	V/Phases/Hz	230/1/50
	Level switch	-	Optional
COOLING	Panel type	-	5090
	Dimensions	Mm	790x900x100
	Amount	Units	4
	Total panel surface	m ²	2,84
	Panel air speed (Max/Min Flow)	m/s	1,50 / 1,00 m/s
	Panel efficiency	%	88% (1,5 m/s) – 90% (1,0 m/s)
	Delivery temperature (40°C – 30% HR)	°C	26,9°C (1,5 m/s) – 26,6°C (1,0 m/s)
CONNECTIONS	Prefilter G4	-	Optional
	Inlet solenoid valve	Inches	½"
	Water evacuation	Inches	1 ¼"
SYSTEM CLEANING	Overflow	Inches	1"
	Automatic emptying	-	AND
DIMENSIONS	Uv lamp	-	Optional
	Overall dimensions	Long wide high	1135x1135x1270mm
	Connection mouth dimensions	Length Width	560x485mm
CERTIFICATES	Empty/operating weight	Kg	105 / 125
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Our Address

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Standard construction details

- Water tray made of polyamide • Corner and central posts in stainless steel AISI-304 • Upper roof made of polyamide • Intake grilles in galvanized steel with polyester powder paint (INOX version in AISI-304) • Type 5090 cooling panels 100mm thick • Automatic emptying system patented by MET MANN • EBM ALPHA 45/15 water pump with external rotor motor • Normally closed inlet solenoid valve
- Half-turn opening system to access the interior of the equipment • Base bench with legs supplied as standard to facilitate transportation and installation

Custom manufacturing

- Air filtering to comply with BRC food regulations

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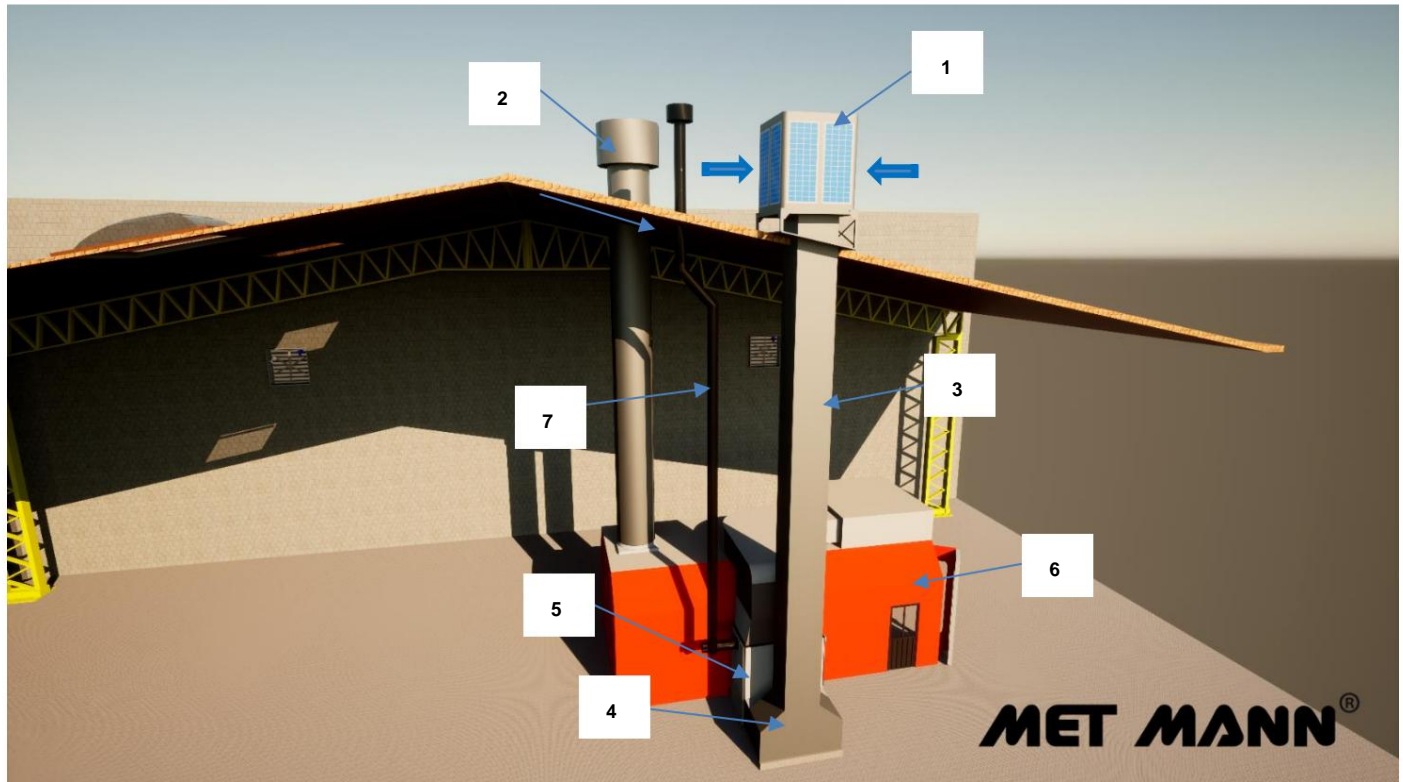
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Installation in paint booth to increase humidity



POSITION	DESCRIPTION
01	ACB adiabatic module
02	Air extraction duct
03	treated air duct
04	Drawer with air filters
05	hot air generator
06	Pressurized paint booth
07	Flue gas extraction chimney

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