

Datasheet

AD-15-V-100-022





Evaporative air conditioner with lower air outlet

	DESCRIPTION	UNITS	DATA
AIRFLOW	Airflow	m ³ /h	13.511
	Static pressure available	Well	107
MOTOR	Rated power	kW	2,20
	Nominal consumption	A	4,47 A (400V III) 8,14 A (220V III)
	Speeds	Units	1 speed/frequency inverter
	Strain	V/Phases/Hz	400/3/50 Hz
	Regulation type	-	1 speed/frequency inverter
FAN	Type	-	Centrifugal
	Diameter	mm	-
	Speed	Rpm	548 (PM-106 PV-280)
	Transmission belts	Units	1 x XPZ 1537
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
COOLING	Level switch	-	Optional
	Panel type	-	5090
	Dimensions	Mm	790x900x100
	Amount	Units	4
	Total panel surface	m ²	2,84
	Panel air speed	m/s	1,32
	Panel efficiency	%	88
	Delivery temperature (40°C – 30% HR)	°C	26,9 °C
SOUND LEVEL	Prefilter G4	-	Optional
	Sound level	dB(A) 3m	66
CONNECTIONS	Inlet solenoid valve	Inches	½"
	Water evacuation	Inches	1 ¼"
	Overflow	Inches	1"
SYSTEM CLEANING	Automatic emptying	-	AND
	Uv lamp	-	Optional
KIND OF CONTROL	1 speed electrical panel	-	Optional
	Electrical panel Frequency converter	-	Optional
DIMENSIONS	Overall dimensions	Long wide high	1135x1135x1270mm
	Connection mouth dimensions	Length Width	560x485mm
	Empty/operating weight	Kg	184 / 204
CERTIFICATES			THIS

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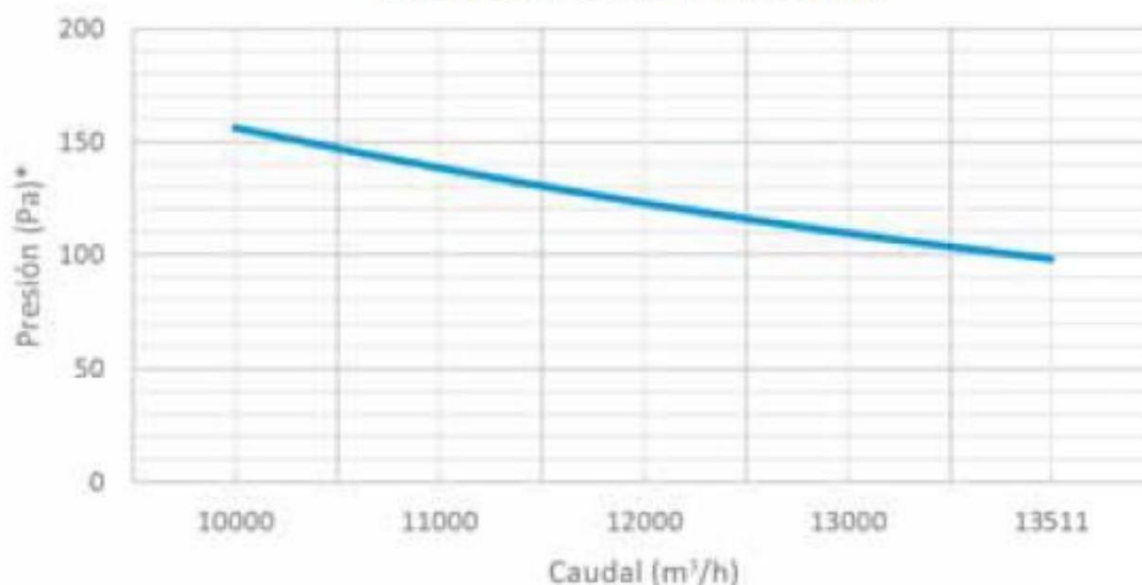
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Prestaciones AD-15 (2,2 kW)



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 • Centrifugal fan group in galvanized steel • Automatic emptying system patented by MET MANN • SCHAEFFLER CORROTECT anti-corrosion bearings with protective covers • GATES QUAD-POWER4 transmission belts without the need for maintenance • EBM ALPHA 45/water pump 15 with external rotor motor • High efficiency electric motor IE3 IP 55

- 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 • Customized air flows and pressures • ATEX motors for explosive environments, etc.

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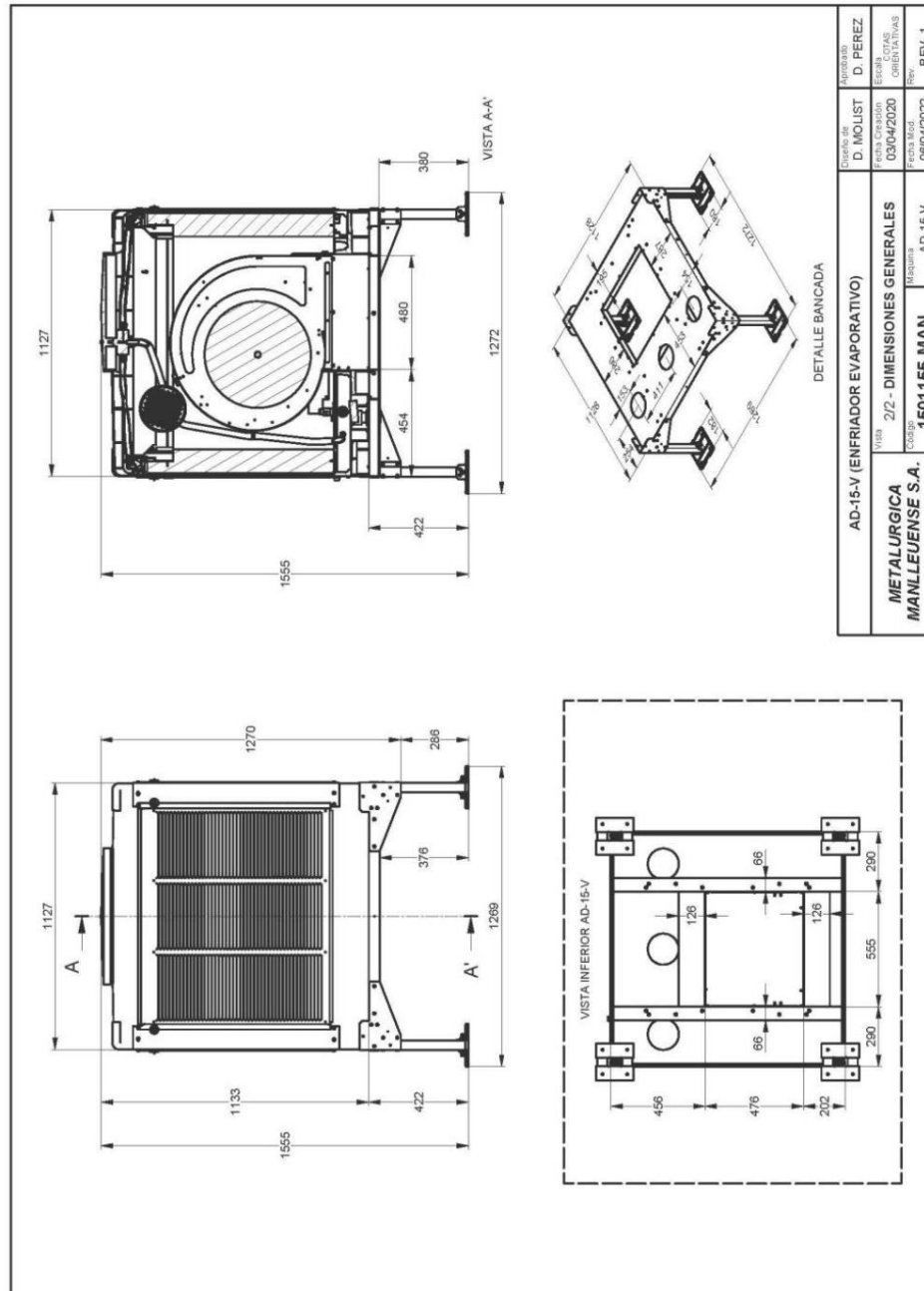
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Overall dimensions



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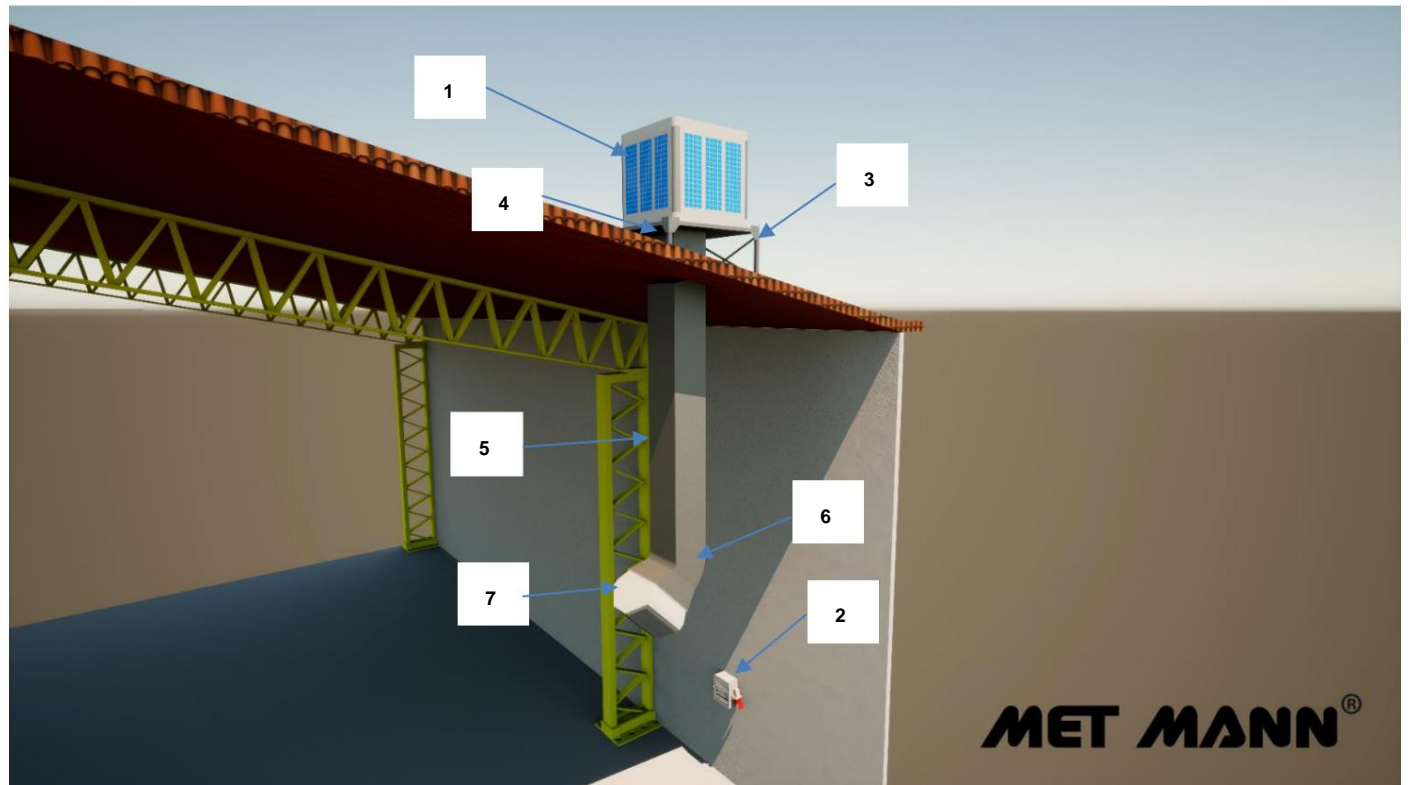
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Evaporative air conditioner with lower air outlet



Roof installation with 3-outlet diffuser



POSITION	DESCRIPTION	STANDARD UNITS		INOX
01	Evaporative air conditioner AD-15-V-100-022	1	15011551022S	15011551022I
02	1 speed electrical panel / Frequency variator	1	04150155070	04150120070
03	KBT-15 support bench	1	03091501022	
04	Junta flexible JE-600 (600x600)	1	1805AV6060	
05	Straight section TR-600 (600x600x1000)	1	1805TR600	
06	Curved Tramo TC-600 45° or 90° (600x600)	1		
07	3-direction air diffuser DCH-3-15	1	0323150115301	
	Pre filter PG4-15	4	04150115G412	04150115G412I
	UV WATER treatment	1	031501101010M	
	Protective case FU-15-V	1	03021502009	

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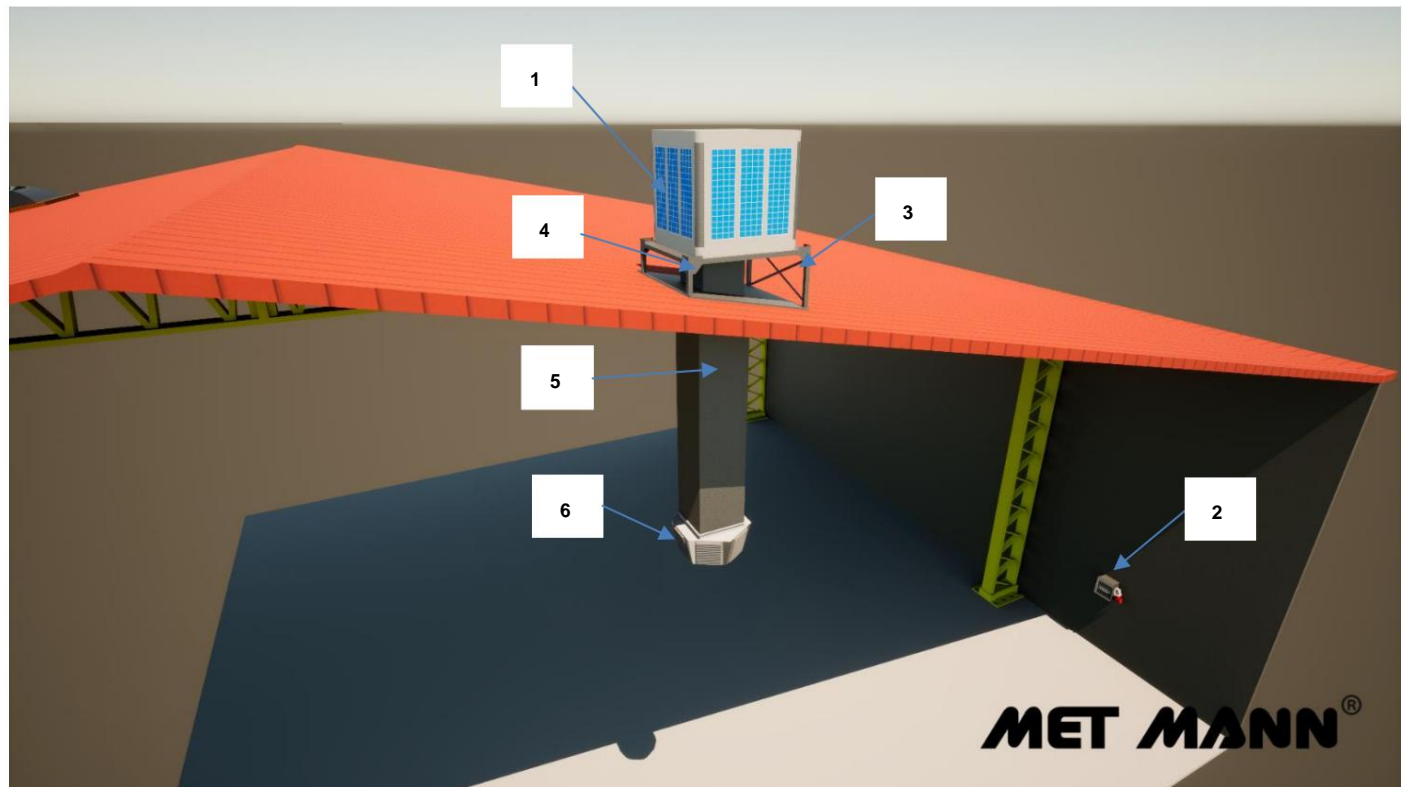
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AD-15-V-100-022

Evaporative air conditioner with lower air outlet




Roof installation with 6 outlets diffuser



POSITION	DESCRIPTION	STANDARD UNITS		INOX
01	Evaporative air conditioner AD-15-V-100-022	1	15011551022S	15011551022I
02	1 speed electrical panel / Frequency variator	1	04150155070	04150120070
03	KBT-15 support bench	1	03091501022	
04	Junta flexible JE-600 (600x600)	1	1805AV6060	
05	Straight section TR-600 (600x600x1000)	1	1805TR600	
06	Air diffuser 6 directions DCH-6-15	1	0323150115601	
-	Pre filter PG4-15	4	04150115G412	04150115G412I
-	UV WATER treatment	1	031501101010M	
-	Protective case FU-15-V	1	03021502009	

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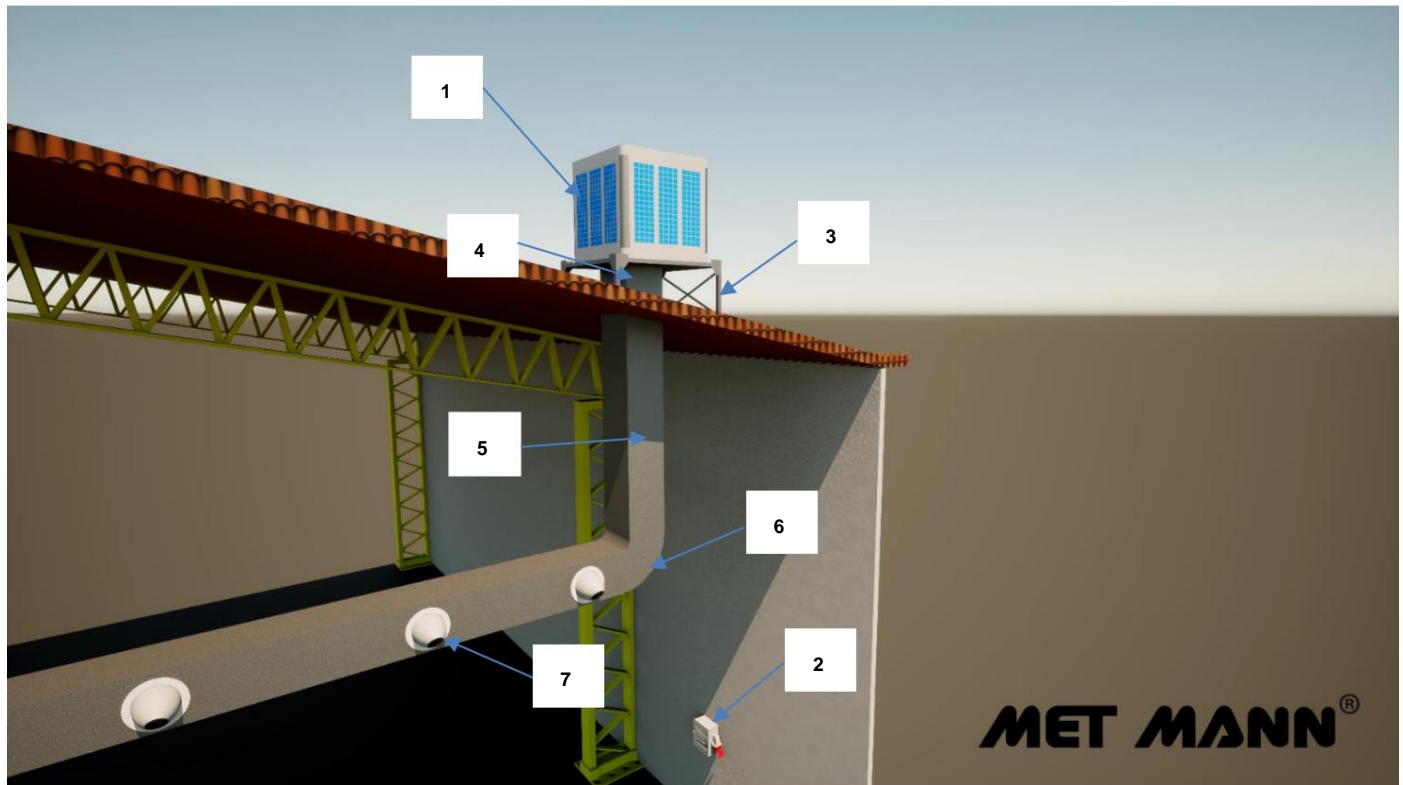
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AD-15-V-100-022

Evaporative air conditioner with lower air outlet



Installation on deck with delivery nozzles



POSITION	DESCRIPTION	STANDARD UNITS		INOX
01	Evaporative air conditioner AD-15-V-100-022	1	15011551022S	15011551022I
02	1 speed electrical panel / Frequency variator	1	04150155070	04150120070
03	KBT-15 support bench	1	03091501022	
04	Junta flexible JE-600 (600x600)	1	1805AV6060	
05	Straight section TR-600 (600x600x1000)	1	1805TR600	
06	Tramo curved 90° TC-600 (600x600)	1	1805TC600	
07	CI-300 high induction nozzles	1	04150PAKCONO	
	Pre filter PG4-15	4	04150115G412	04150115G412I
	UV WATER treatment	1	031501101010M	
	Protective case FU-15-V	1	03021502009	

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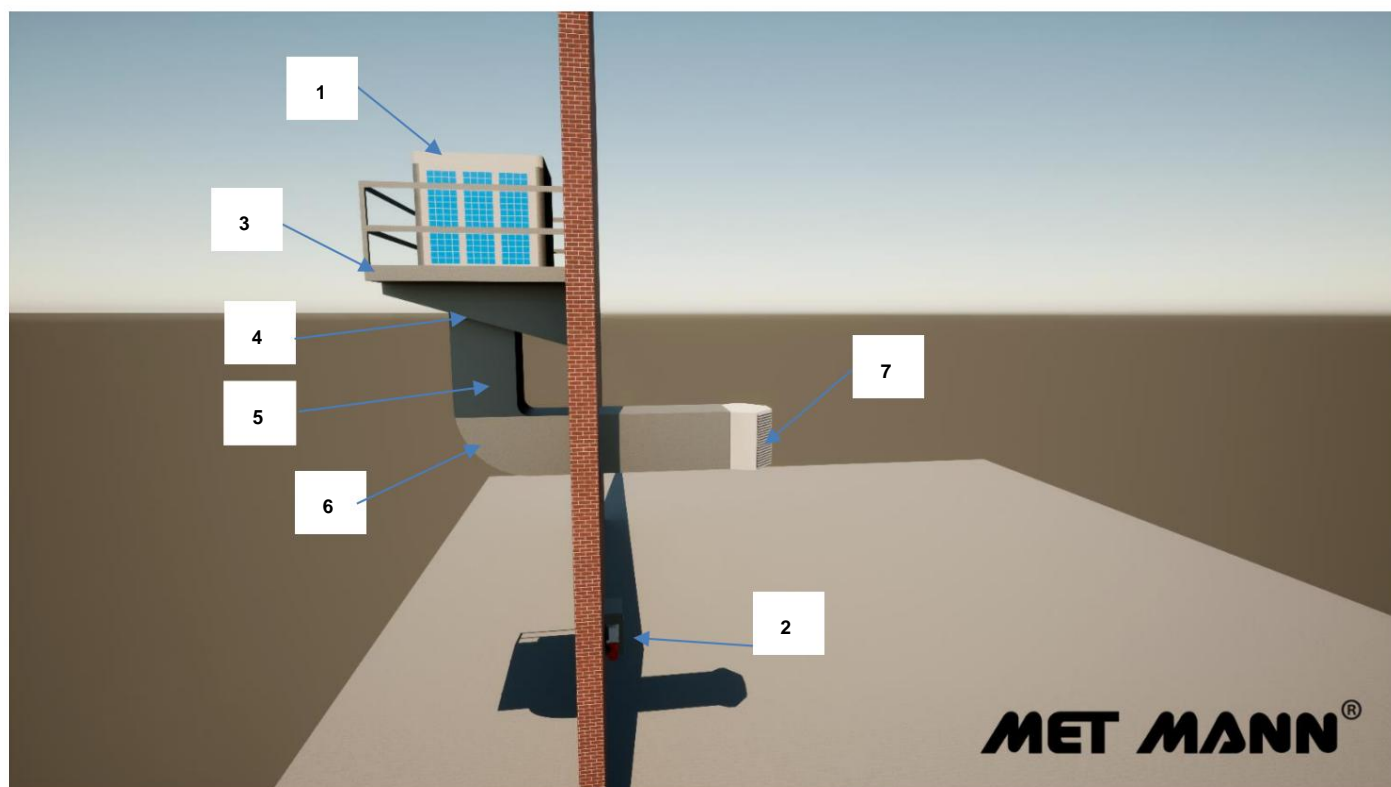
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Evaporative air conditioner with lower air outlet



Wall installation with 3 outlet diffuser



POSITION	DESCRIPTION	STANDARD UNITS		INOX
01	Evaporative air conditioner AD-15-V-100-022	1	15011551022S	15011551022I
02	1 speed electrical panel / Frequency variator	1	04150155070	04150120070
03	KBM-15 support bench	1	03091501024	
04	Junta flexible JE-600 (600x600)	1	1805AV6060	
05	Straight section TR-600 (600x600x1000)	1	1805TR600	
06	Tramo curved 90° TC-600 (600x600)	1	1805TC600	
07	3-direction air diffuser DCH-3-15	1	0323150115301	
	Pre filter PG4-15	6	04150115G412	04150115G412I
	UV WATER treatment	1	031501101010M	
	Protective case FU-15-V	1	03021502009	

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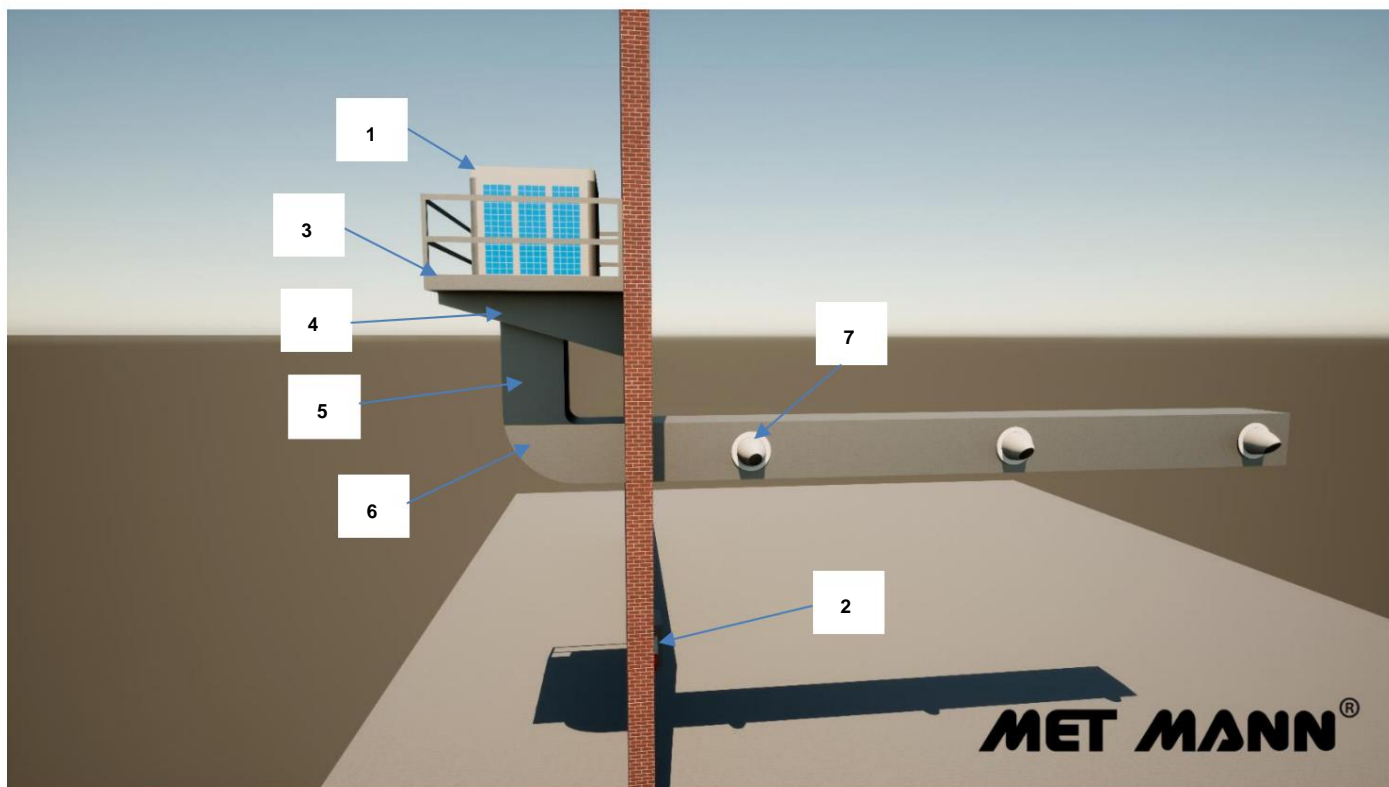
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Evaporative air conditioner with lower air outlet



Wall installation with delivery nozzles



POSITION	DESCRIPTION	STANDARD UNITS		INOX
01	Evaporative air conditioner AD-15-V-100-022	1	15011551022S	15011551022I
02	1 speed electrical panel / Frequency variator	1	04150155070	04150120070
03	KBM-15 support bench	1	03091501024	
04	Junta flexible JE-600 (600x600)	1	1805AV6060	
05	Straight section TR-600 (600x600x1000)	1	1805TR600	
06	Tramo curved 90° TC-600 (600x600)	1	1805TC600	
07	CI-300 high induction nozzles	1	04150PAKCONO	
	Pre filter PG4-15	6	04150115G412	04150115G412I
	UV WATER treatment	1	031501101010M	
	Protective case FU-15-V	1	03021502009	

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