

AD-15-VS-100-015



Evaporative cooler with top air outlet

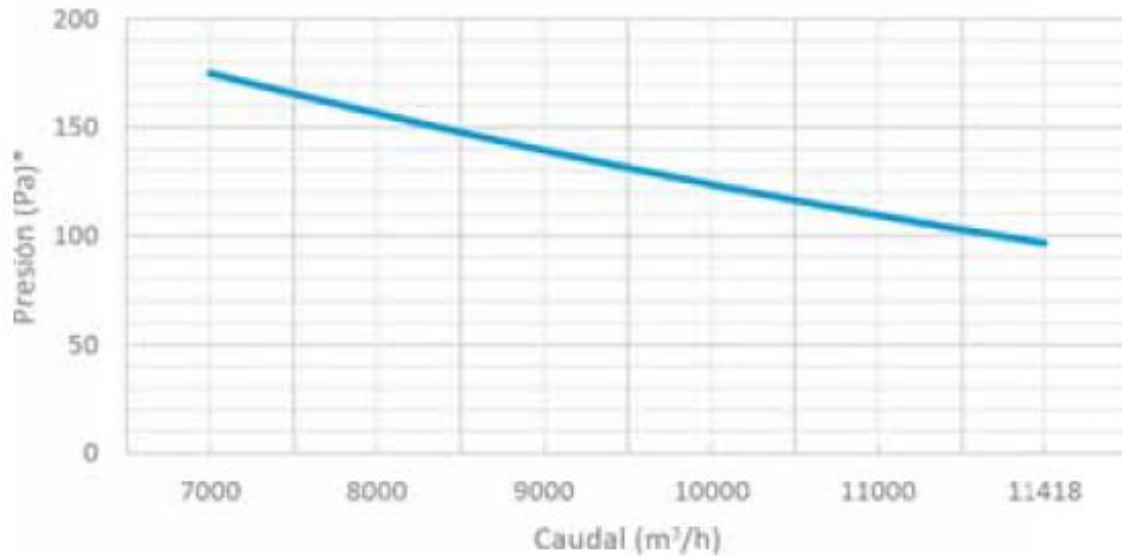
| | DESCRIPTION | UNITS | DATA |
|-----------------|--|---------------------|-------------------------------------|
| AIR FLOW | Air flow | m ³ /h | 11.418 |
| | Available static pressure | Pa | 108 |
| ENGINE | Rated power | kW | 1,50 |
| | Nominal consumption | A | 3,48 A (400V III) 6,34 A (220V III) |
| | Speeds | Units | 1 speed / frequency inverter |
| | Tension | V/Phases/Hz | 400/III/50 Hz |
| | Regulation type | - | 1 speed / frequency inverter |
| FAN | Typo | - | Centrifuge |
| | Diameter | mm | - |
| | Speed | Rpm | 514 (PM-100 PV-280) |
| | Drive belts | Units | 1 x XPZ 1412 |
| PUMP | Model | - | EBM ALPHA 45/15 |
| | Power / Nominal consumption | - | 50 W / 0,17 A |
| | Flow (2m height) | l/m | 25 |
| | Tension | V/Phases/Hz | 230/I/50 |
| | Level switch | - | Optional |
| COOLING | Panel type | - | 5090 |
| | Dimensions | mm | 790x900x100 |
| | Quantity | Units | 4 |
| | Total panel surface | m ² | 2,84 |
| | Panel air speed | m/s | 1,11 |
| | Panel efficiency | % | 89 |
| | Temperature impulsión (40°C – 30% HR) | °C | 26,7 °C |
| SOUND LEVEL | Pre filter G4 | - | Optional |
| | Sound level | dB (A) 3m | 60 |
| CONNECTIONS | Inlet solenoid valve | Inches | ½" |
| | Water evacuation | Inches | 1 ¼" |
| | Overflow | Inches | 1" |
| CLEANING SYSTEM | Automatic emptying | - | Yes |
| | UV lamp | - | Optional |
| CONTROL TYPE | Electric panel 1 speed | - | Optional |
| | Electric panel with frequency inverter | - | Optional |
| DIMENSIONS | Overall dimensions | Width/Length/Height | 1135x1135x1304mm |
| | Mouthpiece connexion dimensions | Width/length | 560x485mm |
| | Empty weight / operating | Kg | 184 / 204 |
| CERTIFICATES | | | CE |

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Prestaciones AD-15 (1,5 kW)



Standard design details

- Water tray made of polyamide
- Corner and central posts in stainless steel AISI-304
- Upper roof made of polyamide
- Inlet and outlet side grids in galvanised steel with polyester powder coating (INOX version in AISI-304)
- Cooling panels type 5090 of 100mm thick
- Galvanised steel centrifugal fan unit
- Automatic draining system patented by MET MANN
- SCHAEFFLER CORROTECT corrosion-resistant bearings with protective caps
- Maintenance-free QUAD-POWER4 power transmission belts from GATES
- EBM ALPHA 45/15 EBM water pump with external rotor motor
- High efficiency electric motor IE3 IP 55
- Normally closed inlet solenoid valve
- Half-turn opening system for access to the inside of the unit
- Base stand with legs supplied as standard for ease of transport and installation

Custom manufacturing

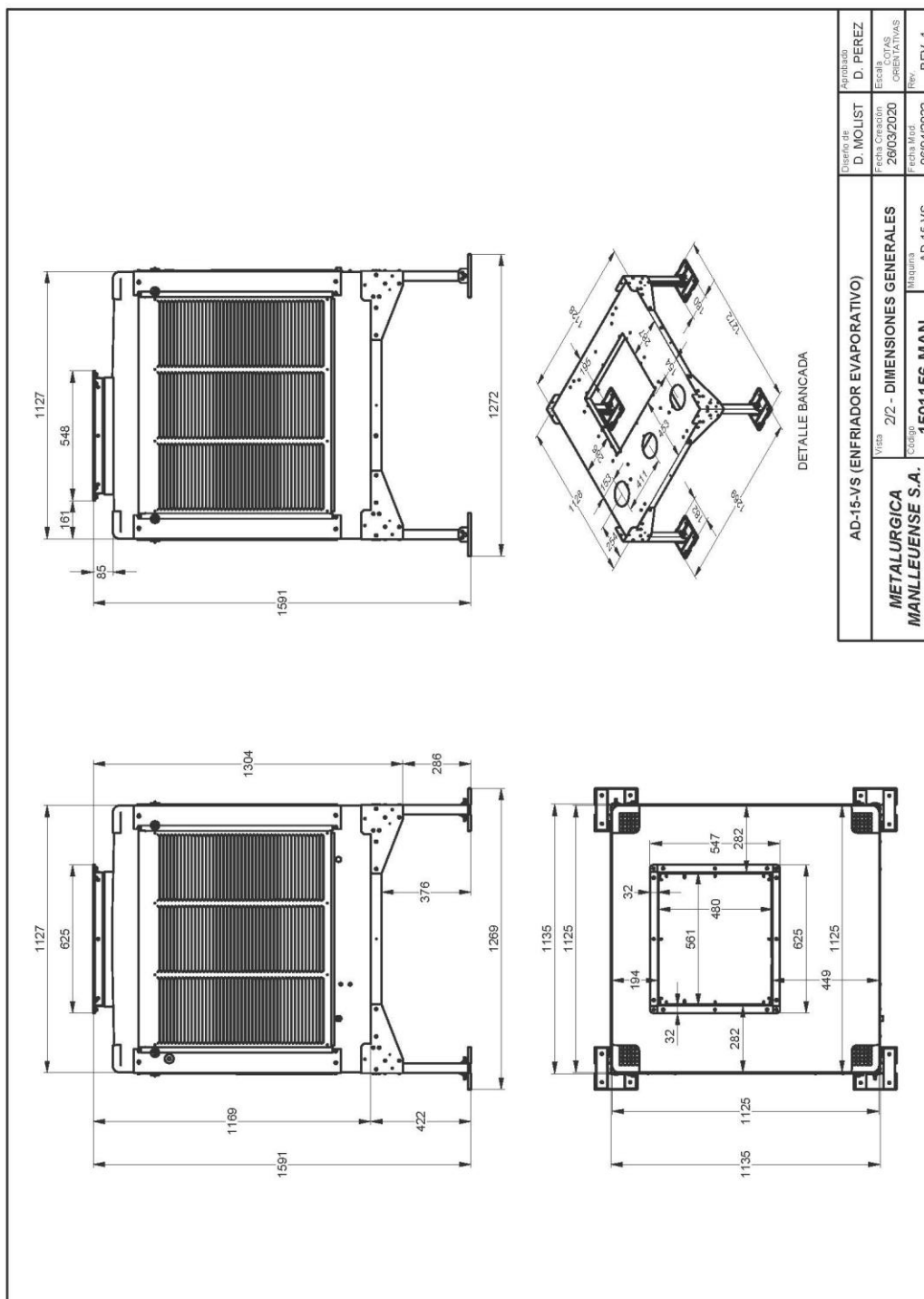
- Air filtration to comply with BRC food standards
- Customized air flows and pressures
- ATEX motors for explosive environments, etc...

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Overall dimensions

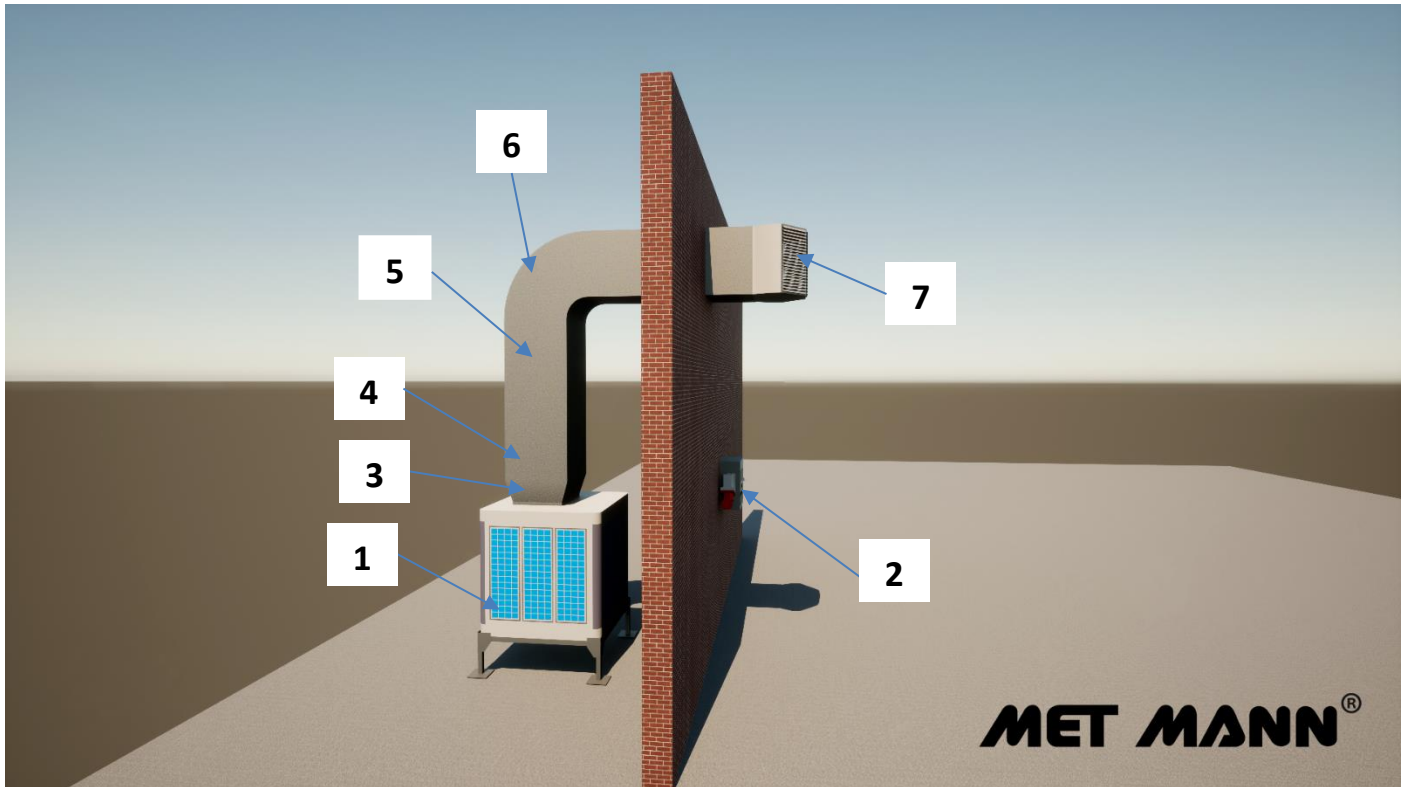




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Evaporative cooler with top air outlet

Surface installation with diffuser



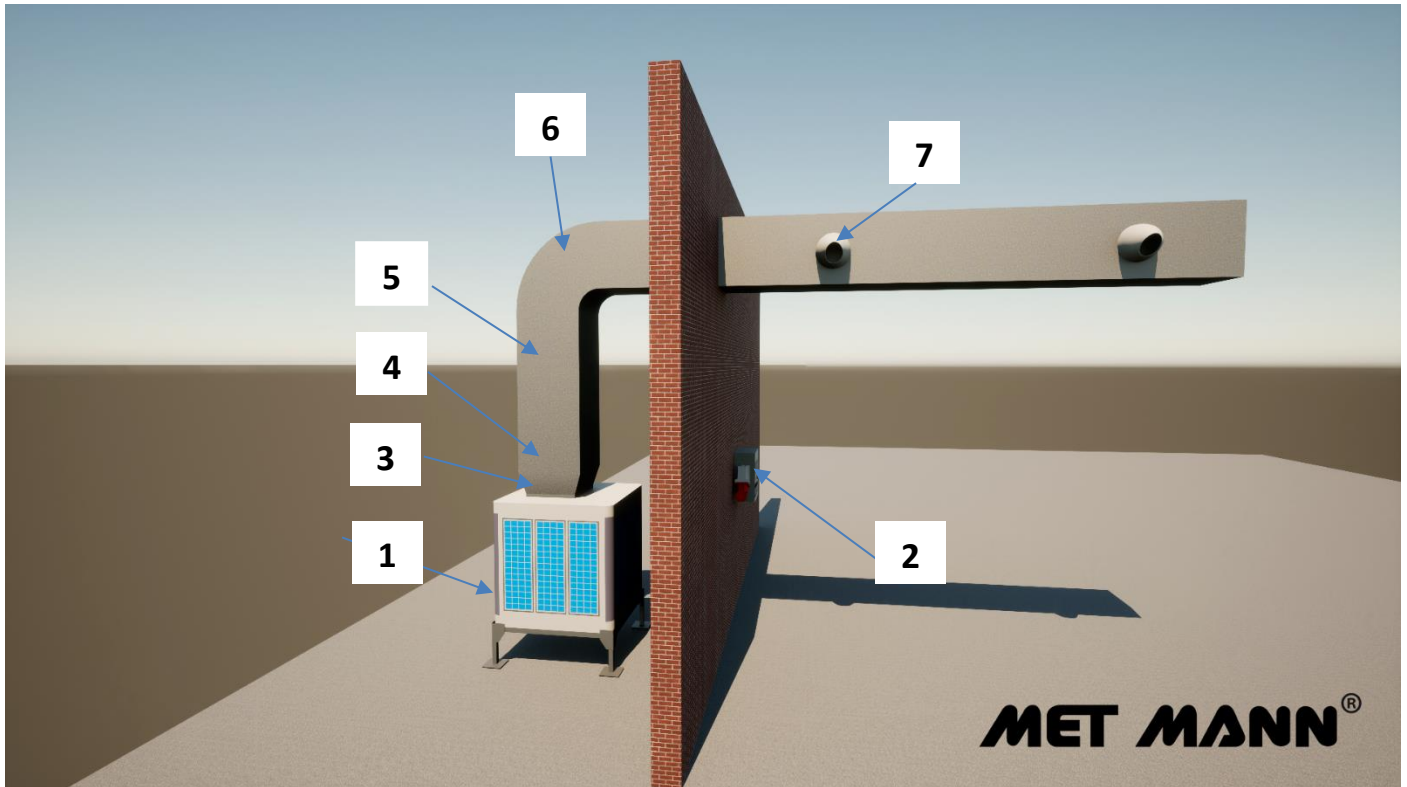
| POSITION | DESCRIPTION | UNITS | STANDARD | INOX |
|----------|---|-------|---------------|---------------|
| 01 | Evaporative cooler AD-15-VS-100-015 | 1 | 15011561015S | 15011561015I |
| 02 | Electric panel 1 speed / frequency inverter | 1 | 0415CMS015400 | 0415CF015400 |
| 03 | Coupling (564x486/600x600) | 1 | 180547406060 | |
| 04 | Flexible joint JE-15 (600x600) | 1 | 1805AV6060 | |
| 05 | Straight section TR-15 (600x600x1000) | 1 | 1805TR600 | |
| 06 | Curved section 90° TC-15 (600x600) | 1 | 1805TC600 | |
| 07 | 3-way air diffuser DCH-3-15 | 1 | 0323150115301 | |
| - | Pre filter PG4-15 | 4 | 04150115G412 | 04150115G412I |
| - | UV WATER treatment | 1 | 031501101010M | |
| - | Protective case FU-15-VS | 1 | 03021502009W | |



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Surface installation with impulsion nozzles



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| 02 | Electric panel 1 speed / frequency inverter | 1 | 0415CMS015400 | 0415CF015400 |
| 03 | Coupling (564x486/600x600) | 1 | 180547406060 | |
| 04 | Flexible joint JE-15 (600x600) | 1 | 1805AV6060 | |
| 05 | Straight section TR-15 (600x600x1000) | 1 | 1805TR600 | |
| 06 | Curved section 90° TC-15 (600x600) | 1 | 1805TC600 | |
| 07 | High induction nozzles CI-300 | 1 | 04150PAKCONO | |
| - | Pre filter PG4-15 | 4 | 04150115G412 | 04150115G412I |
| - | UV WATER treatment | 1 | 031501101010M | |
| - | Protective case FU-15-VS | 1 | 03021502009W | |