



Afonica
Ambients for Engine Testing



MPP Range

Soundproof Enclosures for Motorcycle and Quad Test Benches

Afonica offers its customers the experience and quality gained in over 15 years of work carried out to perfection in the field of soundproof enclosures for engine test rooms.

The MPP range test rooms are described below, the distinctive feature of which is the construction using 100 mm thick sound-insulating sandwich panels to achieve noise reduction of $R'w = 39 \text{ dB(A)}$.

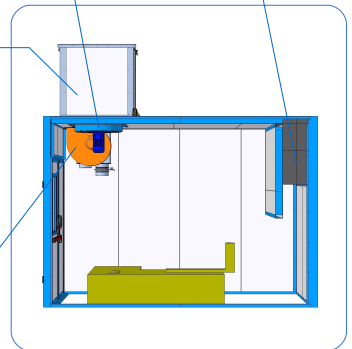
In addition to what is described below, Afonica creates tailor-made and/or specific products to meet the specific needs of each client, situation, context, performance.





Standard Equipment

- Walls and roof in 100 mm thick soundproof sandwich panels
- Double-leaf access door equipped with:
 - Watertight seal on 4 sides (24 mm high floor hinge)
 - Anti-panic opening from the inside and lock with key on the outside
 - Soundproof view
- Ventilation for air exchange in the room complete with:
 - Room air intake silencer
 - Room air extraction fan (2.2 or 4 kW depending on the model)
 - Room air expulsion silencer
- Smoke extraction complete with:
 - 200 mm diameter flexible pipes with nozzle
 - Centrifugal fan (1.5 kW)
 - Expulsion silencer
- Framework color chosen by the customer in the RAL range



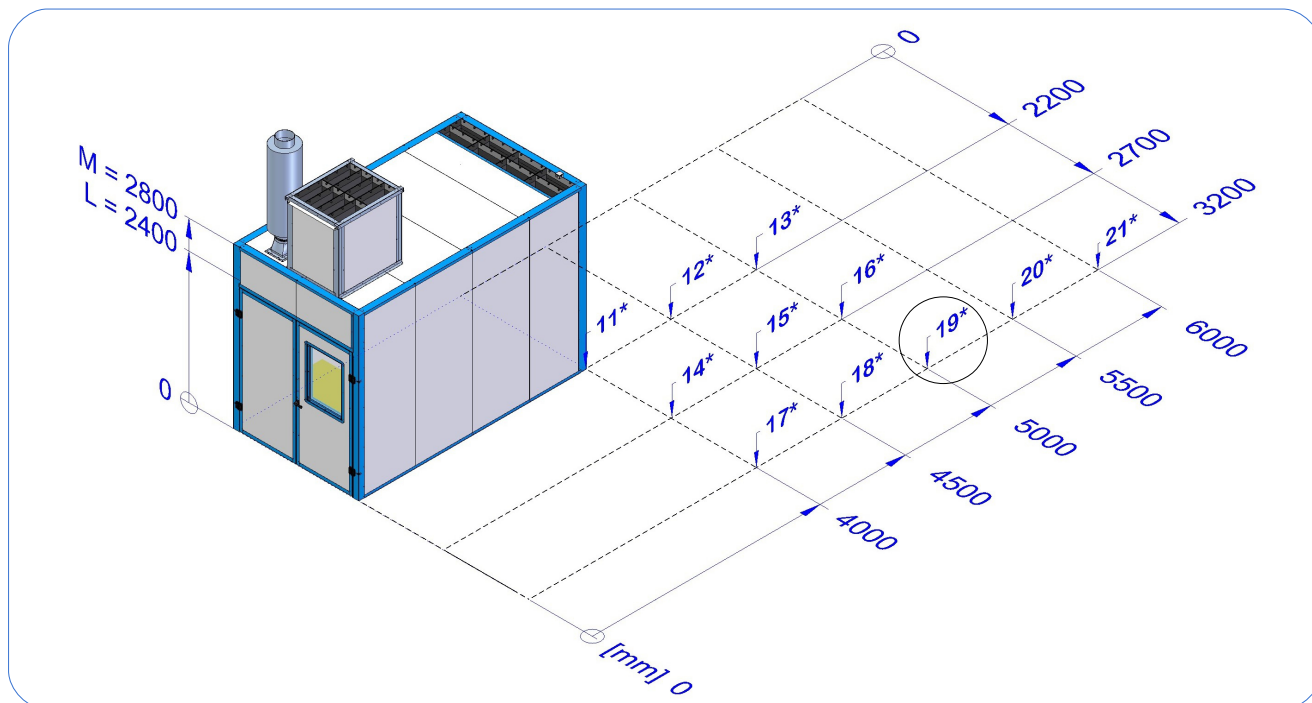
Accessories Available

- Deflector in front of the test bench to divert the air flow entering the room
- Vehicle front cooling fans or hotspots for localized cooling
- Trolleys with articulated arms to support smoke nozzles
- Electrical plant
- Sound-insulating visuals for walls
- Mezzanines bench contouring
- Different types of room air exhaust silencers for different environmental situations
- On request, any accessory to solve specific technical needs



Dimensions

The MPP range consists of 11 cabins of different sizes, as explained in the following image:



Features e Prices

#	Code	Thick-ness	Wext	Pext	Hext	Int. Area	Internal Volume	Ventila-tion	Electrical Power	Price ¹
		[mm]	[mm]	[mm]	[mm]	[m ²]	[m ³]	[min ⁻¹]	[kW]	[€]
1	MPP-11	100	2.200	4.000	2.800	7,6	21,3	12	2,2+1,5	
2	MPP-12			4.500		8,6	24,1	10	2,2+1,5	
3	MPP-13			5.000		9,6	26,9	9	2,2+1,5	
4	MPP-14		2.700	4.000		9,5	26,6	9	2,2+1,5	
5	MPP-15			4.500		10,7	30,1	8	2,2+1,5	
6	MPP-16			5.000		12	33,6	7	2,2+1,5	
7	MPP-17		3.200	4.000		11,4	31,9	13	4+1,5	
8	MPP-18			4.500		12,9	36,1	12	4+1,5	
9	MPP-19			5.000		14,4	40,3	10	4+1,5	
10	MPP-20			5.500		15,9	44,5	9	4+1,5	
11	MPP-21			6.000		17,4	48,7	9	4+1,5	

¹ Prices EXW; VAT, Transport and Mountage Excluded; Goods Packed on Pallets.