

DA 40A ROOF INLET

NEGATIVE AND EQUAL PRESSURE SYSTEMS IN LIVESTOCK HOUSES

The DA 40A is a roof inlet used as an air intake or air supply unit in livestock houses, including dairy barns.

HIGH-QUALITY MATERIALS FOR OPTIMAL PERFORMANCE

- The roof unit is made of polyester-reinforced fiberglass for maximum weather resistance.
- The extension duct can be constructed using one of two material options: polypropylene or polyurethane foam. The air supply unit is fabricated from polyurethane foam to mitigate the risk of condensation.
- A small mixing fan is supplied for placement in the nozzle head, ensuring optimal induction of fresh air and avoiding drafts.

PERFORMANCE SPECIFICATIONS

- In negative pressure systems (as an air intake unit): Maximum performance of 4,500 m³/h.
- With an installed air supply fan: Performance range of 8,700-9,800 m³/h, depending on the fan type and house geometry.

ADDITIONAL BENEFITS

- The air mixer ensures cold incoming air is mixed with warm air inside the barn.
- The air intake unit features a swivel shutter to adjust the incoming air volume and optimize system pressure.



For more information
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TECHNICAL INFORMATION

Pressure in the house [Pa]	DA 40A without fan		DA 40A with DA 600 LPC-11-2
	With mesh and roof cap [m3/h]	With mesh and intake [m3/h]	With mesh and roof cap [m3/h]
0	0	0	8,700
-10	2,400	2,500	9,000
-20	3,500	3,600	9,300
-30	4,300	4,600	9,500
-40	5,000	5,400	9,800

Type of fan	Max. power consumption (rated current) [A]
Mixing fan under DA 40A	1.1
DA 600 LPC-11-2	2.8



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