

DA 60-820

ROOF INLET

NEGATIVE AND EQUAL PRESSURE SYSTEMS IN LIVESTOCK HOUSES

DA 60-820 is a roof inlet for livestock houses that combines both high outputs with low air speed.

Negative pressure is created when fresh air is pulled in from the outside through the inlets. High output in the livestock houses is achieved without using a fan. The output is regulated steplessly via a parallel motion system, ensuring uniform unit opening and air distribution throughout the house.

UNIFORM AIR DISTRIBUTION

- Uniform climate all year round.
- Provides high air output with low airspeed (delivers up to 16,200 m³/h at 40 Pa or 9,535 CFM at 0.15" H₂O negative pressure).
- No drafts occur inside the livestock house due to the uniform openings and air distribution.
- Uniform distribution at 100% stepless regulation.

For equal-pressure systems, you can install an air-diffusing fan with the DA 60-820.

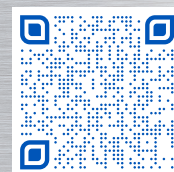
The DA 60-820 is equipped with a recirculation fan that maintains the required air-jet range, even when the amount of inbound air is reduced. The system can be adjusted to the air jet range needed for the current season. This allows for a customizable combination of negative pressure and opening, providing the desired balance between output and air speed.

TECHNICAL SPECIFICATIONS

- The outlet funnel and bottom plate are made of polyurethane with a thickness of 30 mm to prevent condensation.
- When installing an air diffusion fan, an equal-pressure system with an output of up to 25,800 m³/h at 0 Pa (or 15,185 CFM at 0.0" H₂O) per unit is achieved.



For more information
skov-secco.com



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United by Dairy

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TECHNICAL INFORMATION

| With the DA 820-12 LPC 1x230 V fan | Rated voltage [V AC] | Operating voltage [V AC] | Frequency [Hz] | Max. current consumption at 230 V AC supply | Max. input power P1 [W] | Number of fan blades | Fan output Revolutions Per Minute [RPM] | Fan outlet max. current consumption at 230 V AC supply |
|--|----------------------------|--------------------------------|----------------|---|----------------------------|-------------------------|---|--|
| DA 60-820 roof inlet with intermediate plate | 230 +/- 10% | 175 – 280 | 50 / 60 | 6.65 | 1525 | 3 | 1170 | 0.62 |
| DA 60-820 ceiling with intermediate plate | 230 +/- 10% | 175 – 280 | 50 / 60 | 6.65 | 1525 | 3 | 1170 | 0.62 |

| | DA 60-820 roof inlet with intermediate plate | DA 60-820 roof inlet without intermediate plate | DA 60-820 ceiling with intermediate plate | DA 60-820 ceiling without intermediate plate |
|----------------------------|---|---|--|---|
| CFM@ -0.25" H2O | 15 803 | 14 332 | 17 334 | 15 332 |
| CFM@ -0.20" H2O | 15 421 | 13 890 | 16 775 | 14 891 |
| CFM@ -0.15" H2O | 14 979 | 13 478 | 16 421 | 14 597 |
| CFM@ -0.10" H2O | 14 744 | 13 155 | 16 009 | 14 244 |
| CFM@ -0.05" H2O | 14 332 | 12 772 | 15 597 | 13 773 |
| CFM@ -0.00" H2O | 13 979 | 12 448 | 15 185 | 13 537 |



For more information

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