

# 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.

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

You can equip DA 60-820 with a recirculation fan (optional) 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.

### UNIFORM AIR DISTRIBUTION

- Uniform climate all year round.
- Provides high air output with low airspeed (delivers up to 16,200 m<sup>3</sup>/h at 40 Pa or 9,535 CFM at 0.15" H<sub>2</sub>O negative pressure).
- No drafts occur inside the livestock house due to the uniform openings and air distribution.
- Uniform distribution at 100% stepless regulation.

### TECHNICAL SPECIFICATIONS

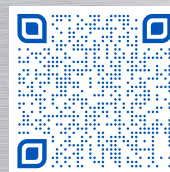
- The outlet funnel and bottom plate are made of polyurethane with a thickness of 30 mm to prevent condensation.
- When installing an air diffusion fan, an equal-pressure system with an output of up to 25,800 m<sup>3</sup>/h at 0 Pa (or 15,185 CFM at 0.0" H<sub>2</sub>O) per unit is achieved.

### ACCESSORIES:

- Recirculation fan



For more information  
[skov-secco.com](http://skov-secco.com)



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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]	Recirculation fan 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
<b>Air output at -50 Pa [m3/h]</b>	26 850	24 350	29 450	26 050
<b>Air output at -40 Pa [m3/h]</b>	26 200	23 600	28 500	25 300
<b>Air output at -30 Pa [m3/h]</b>	25 450	22 900	16 421	24 800
<b>Air output at -20 Pa [m3/h]</b>	25 050	22 350	16 009	24 200
<b>Air output at -10 Pa [m3/h]</b>	24 350	21 700	15 597	23 400
<b>Air output at 0 Pa [m3/h]</b>	23 750	21 150	15 185	23 000



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