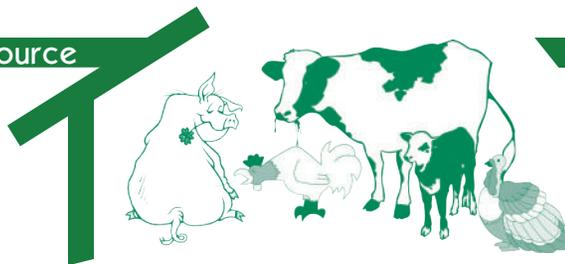
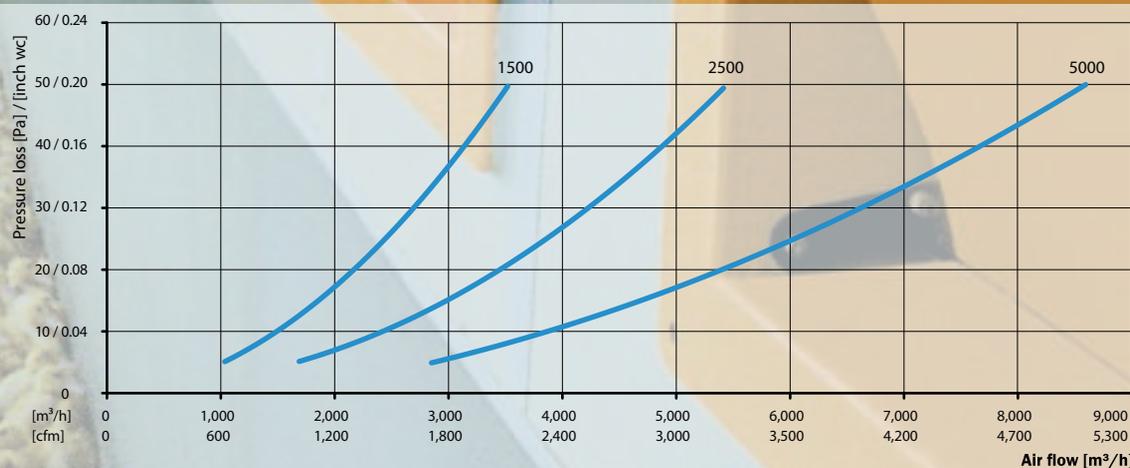


SPROCK AGRARSYSTEME

everything from one source



Air supply

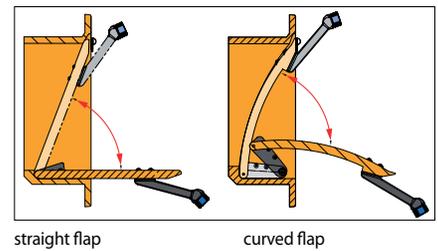


Air supply

wall air inlets for the optimum inflow of fresh air. Air flow from 2,100 – 5,400 m³/h (1,200 – 3,200 cfm) at 20 [Pa] / 0.08 [inch wc]

The fresh air inlets can be used in many applications with straight flaps for integration into walls. The design facilitates fine dosing and an almost waste free supply of fresh air. There is an approx. 50 mm / 1.97 inch wide flange around the frame to facilitate integration into the wall. The mount for the flap is low-wear and functionally reliable. Stepless control can be implemented via a central actuator with a rope and motor.

The fresh air inlet is available in the formats self-opening and self-closing. The distinctive feature of the M range is the mounting for the curved flap. It facilitates differentiated, two-part air guidance. As such part of the in-flowing air can be directed straight down, which is particularly advantageous in the summer because the animals can be supplied directly with fresh air.



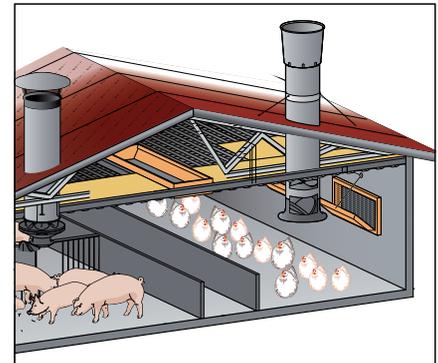
straight flap

curved flap

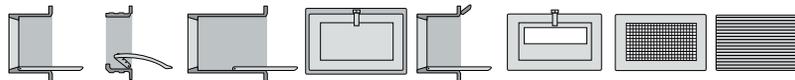
Single wall air inlet

Type	Air capacity		Outer dimensions without flange		Inner dimensions		Traction forces				Pulling distance			
	m ³ /h	cfm	mm	inch	mm	inch	s. o.		s. c.		s. o.		s. c.	
1500	2,200	1,300	540 x 360	21.26 x 14.17	505 x 295	19.88 x 11.61	20	4.50	50	11.24	450	17.72	260	10.24
1500-M	2,100	1,200	540 x 360	21.26 x 14.17	508 x 295	20.00 x 11.61	20	4.50	-	-	520	20.47	-	-
2500	3,500	2,100	854 x 380	33.62 x 14.96	822 x 305	32.36 x 12.01	30	6.74	60	13.49	450	17.72	260	10.24
2500-M	3,400	2,000	854 x 380	33.62 x 14.96	822 x 305	32.36 x 12.01	25	5.62	-	-	520	20.47	-	-
5000	5,400	3,200	1,184 x 360	46.61 x 14.17	1,120 x 295	44.09 x 11.61	35	7.87	60	13.49	400	15.75	280	10.24

* Air flow at 20 [Pa] / 0.08 [inch wc]; M range only self-opening; s. o. = self-opening, s. c. = self-closing



overview



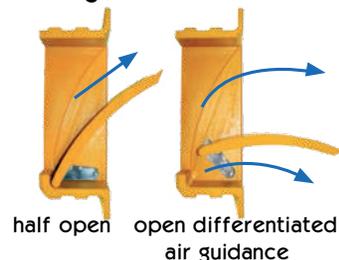
Type	Straight	M (curved)	Long (additional 15 cm)	Concrete formwork	Air conduction sheet	Light board	Protective grid	Light filter
1500	•	•	•	•	•	•	•	•
2500	•	•	•	•	•	•	•	•
5000	•	-	-	-	•	•	•	•

• = available, - = not available

Advantages

- Fine dosing and an almost wastefree supply of fresh air
- Good mechanical characteristics
- Circumferential bearing surface for optimal closing of the fresh air inlet
- Robust Design
- High insulation value
- Practical rope fastener
- M range: With differentiated, two-part air guidance

M range for differentiated air guidance



Functionality:
Due to the special hanging flap configuration it is possible to divert part of the air flow directly downwards. The air is fed directly into the animal area above and below the flap, through the two-part guide. This is particularly advantageous in summer. The flap opening can be infinitely adjusted via the pull rope. Protective bird grid from fabric mesh Air conduction sheet Light filter Flow optimised protective bird grid Electric cylinder V4 230 V + V6 24 V (450 stroke).



Extras + Accessories



Air conduction sheet



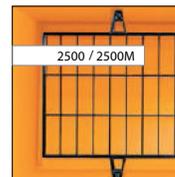
Electric cylinder V4 230 V + V6 24 V (450 stroke)



Protective bird grid from fabric mesh



Light filter



Flow optimised protective bird grid



1500 and 2500 for concrete formwork

MARTIN SPROCK G m b H

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