

Product information

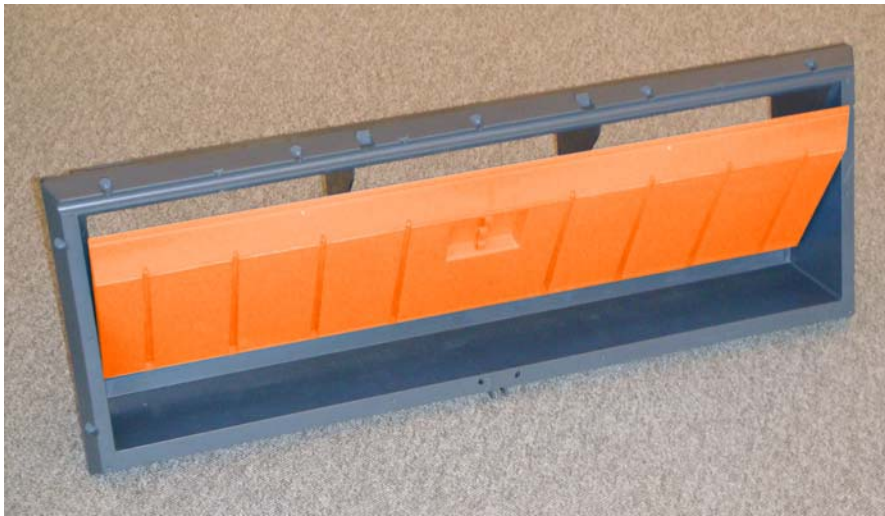


Big Dutchman

Big Dutchman International GmbH
Big Dutchman Pig Equipment GmbH
P.O. Box 11 63 · 49360 Vechta · Germany
Tel. + 49(0)44 47-801-0 · Fax 801-237
big@bigdutchman.de · www.bigdutchman.de

No. 1111 February 21, 2011

Fresh air inlet CL-1911 F (60-43-4011)



The CL-1911 F fresh air inlet is now available as larger version of CL-1211 F in order to make the series perfect in its performance. It is a universal wall inlet which can be used for the ventilation of houses with conventional negative-pressure ventilation only with lateral fresh air or in Combi-tunnel houses.

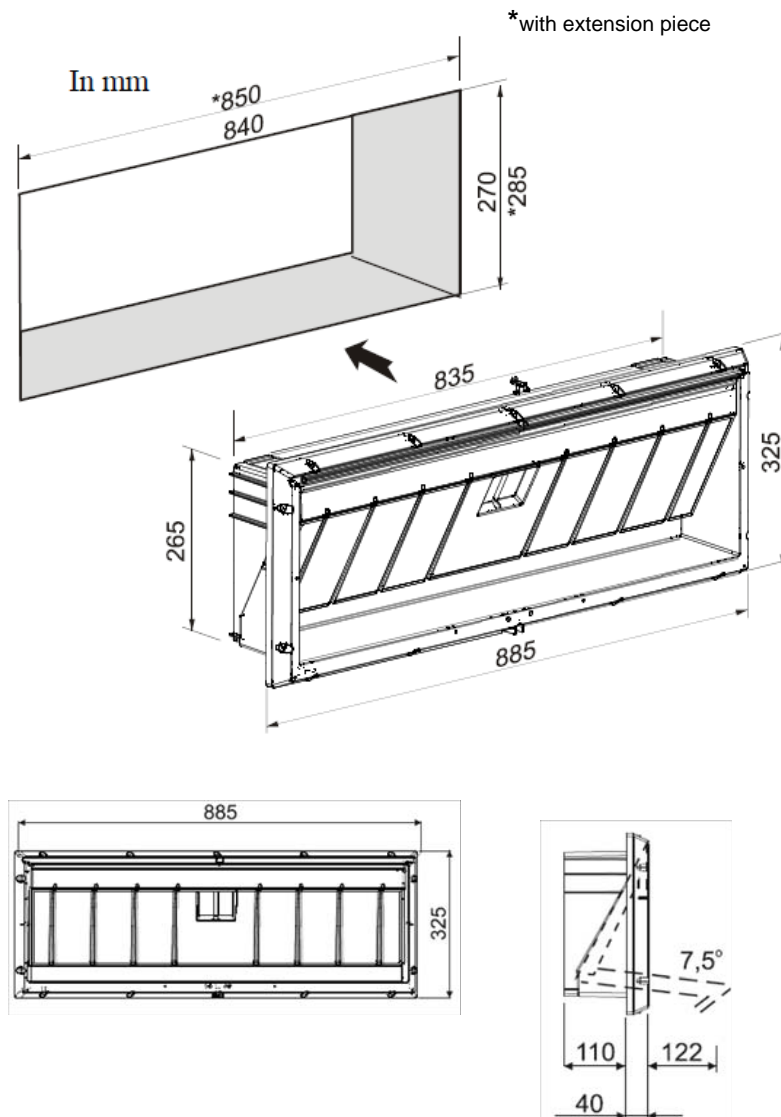
Advantages (similar to CL-1200):

- Inclined flap in order to guide the air towards the ceiling in case of minimum ventilation
- Sharp tear-off edge on the inlet for the production of an effectual air jet
- Air direction plate for the adaptation of the air jet to the ceiling slope
- As an option, an air direction plate with side parts is available for the ideal direction of the air jet in wider houses
- Similar to the inlets of the CL-1200 series, these inlets can be opened with **multi differentiation** in order to produce stable air jets in case of minimum ventilation
- The air is guided above the birds in case of high temperatures
- Metal-reinforced flap for a safe sealing of the inlet
- Insulated flap in order to prevent condensation water and heat losses
- Stainless, stable and maintenance-free tension springs which keep the inlet in a safe position
- No gaps between flap and casing for the prevention of leakages
- Protective net against danger of infection for the birds
- High breaking strength and impact resistance of the plastic for a long-term investment also in case of high loads caused by cleaning crews

Performances

Differential pressure [Pa]	Air performance CL-1911 (10 cm wall and coarsely meshed net) m ³ /h
5	1250
10	1750
20	2500
30	3050
40	3550

Dimensions and technical details



CL 1911 fresh air inlet	
Performance	
Air performance at 10 Pa	CL-1911 air inlet with coarsely meshed net 1,750 m ³ /h
Mechanical	
Material	100 % reusable thermoplastic, very impact-resistant dimensionally stable and UV-stabilized
Net	Mesh size 62 x 21 mm
Springs	stainless, 2 pieces per side
Tensile force	20 N
Tensile length	390 mm
Ambience conditions	
Ambient air temperature, operation	-40 to +40 °C (-40 to +104 °F)
Ambient temperature, storage	-40 to +65 °C (-40 to +149 °F)
Ambient humidity, operation	0-95 % RH
Dispatch	
Dimensions	H x W x D : 325 x 885 x 150 mm
Weight	4.1 kg
Number of inlets per pallet	48

Assembly kit

The same assembly kits with rollers and fittings as for the CL-1200 versions are chosen depending on the purpose of use and the winch motor.

Winch motor

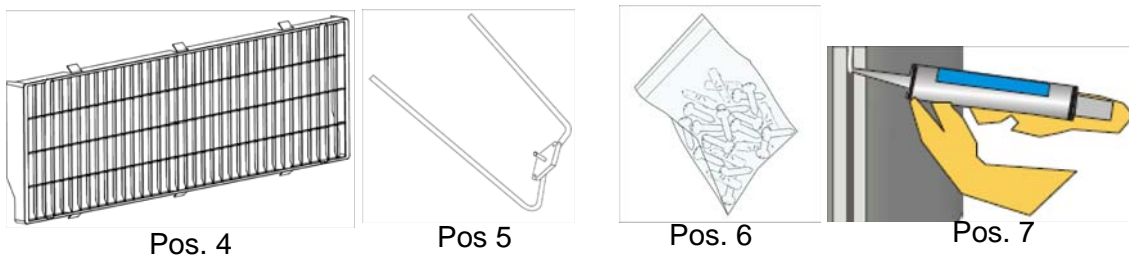
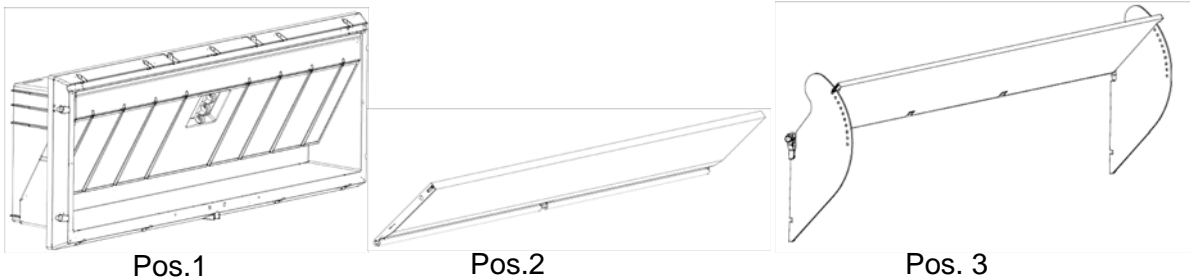
Number of inlets per CL 75 winch motor with 230 or 24 Volt

- Winch motor CL75 A-1 max. possible number of inlets = 32
- Winch motor CL75 A-3 max. possible number of inlets = 64
- Winch motor CL75 A-6 max. possible number of inlets = 128

Code number and accessory

The inlet and the accessory are coded as follows:

	Code no.	Description
Pos.1	60-43-4011	Fresh air inlet CL-1911/F without net
		Accessory
Pos.2	60-43-4012	Air direction plate short for CL-1911
Pos.3	60-43-4013	Air direction plate long for CL-1911 with side plate
Pos.4	60-43-4015	Net coarse 65x20 for CL-1911
Pos.5	60-43-3038	Distance-bow CL-1200 240mm 1 piece per inlet, if there are beams in the house
Pos.6	99-10-3958	CI 1211/1911 screws Chipboard screw 5,0x50 pan head SST 14 pieces per inlet
Pos. 6a	99-10-3961	Dowel TRI 6-36 14 pieces per inlet
Pos. 7	99-50-3810	Silicone transparent / 310ml for sealing the inlet at the wall 0.5 x per inlet (310ml tube)



Documentation

The documentation is automatically added to the order and is currently available in English, Russian and German.

Andreas Kerßens
- Product Manager -
Exhaust Air Cleaning

Heinz Südkamp
- Product Manager -
Climate Poultry