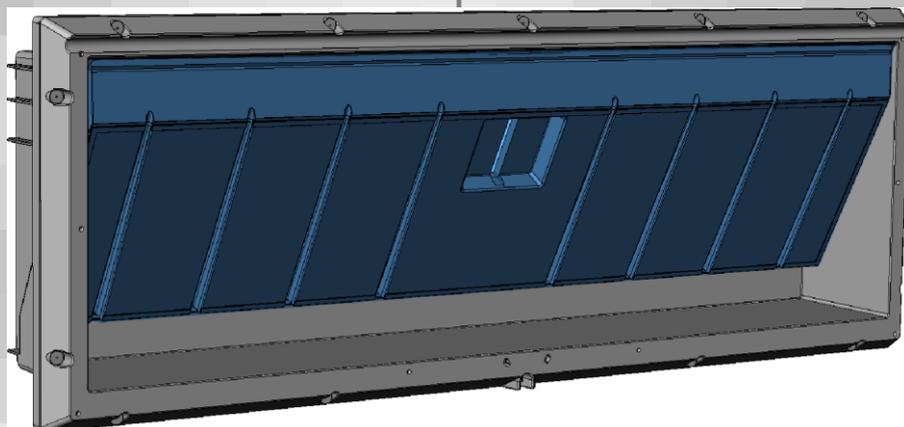


DA 1911 Wall inlet

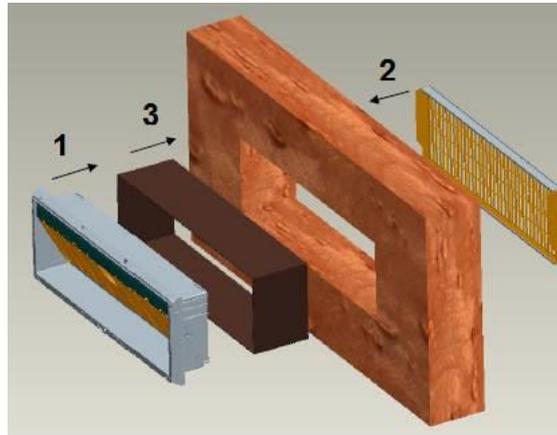
Technical Info



1 Product Description

Flange inlet DA 1911 is a universal wall inlet which is used for ventilating livestock houses with natural, LPV or Combi-Tunnel ventilation.

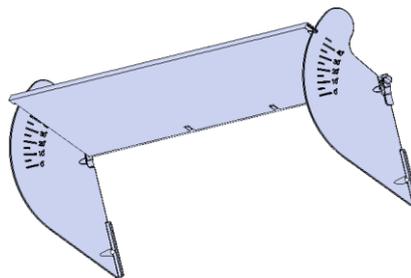
The flange inlet can be adapted to a wall thickness up to 50cm by means of an extension piece. The inlet is fixed on the inside wall by screws through the flange itself. It cannot be built or cast directly into wall elements.



The universal differentiation of the inlets is patent pending and is supplied with a regulation set which makes it easy to adjust the air inlet in accordance with the current conditions.

Accessories

The coarse mesh is an accessory to avoid penetration of birds and larger animals. Furthermore, the following are available: an air direction baffle optimizing the air distribution in the house in periods with cold weather conditions and a wind shield for livestock houses exposed to special wind conditions.



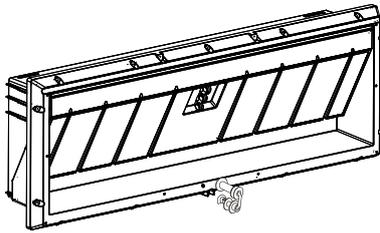
Functional Description

Opening the inlet flap "downwards", it directs the cold fresh air in an upward moving direction. Here the fresh air is mixed with the warm air inside the livestock house before reaching the animal zone. In case of hot weather conditions, the inlet will be in a fully open position.

DA 1911 is easy-to-clean due to its open and smooth construction. Also, the thermoplastic stands high-pressure cleaning. Furthermore, the choice of material makes the inlet resistant to UV radiation. The inlet is made of high-impact material; it is dimensionally stable and 100% recyclable.

2 Product Survey

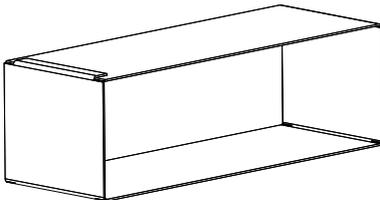
DA 1911 flange inlet



433161 DA 1911 flange inlet 11cm

433169 DA 1911 flange inlet 11cm, coarse-meshed

Regulation set is included with the inlet.



433166 DA 1911 extension piece 20cm

433167 DA 1911 extension piece 30cm

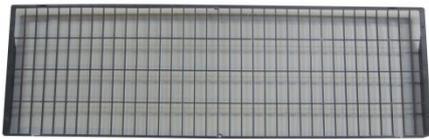
433168 DA 1911 extension piece 40cm

DA 1911 extension must be used together with the flange inlet when the wall thickness exceeds 11cm.

20cm 12-28cm wall thickness

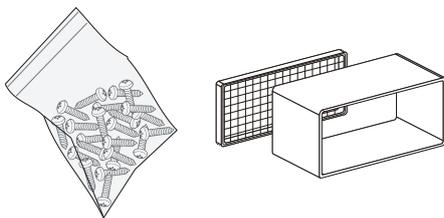
30cm 17-38cm wall thickness

40cm 22-49cm wall thickness



433164 DA 1911 net, coarse 65x20mm

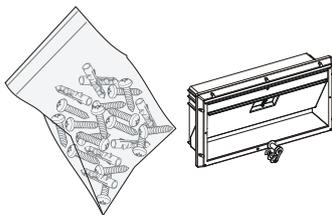
The coarse mesh is used to avoid penetration of birds and larger animals.



433025 DA 1200/1900 set/screws for net

Used for fastening of net on extension ducts on DA 1200/1900 inlets. Includes 40 units 5 × 30 mm rustproof screws.

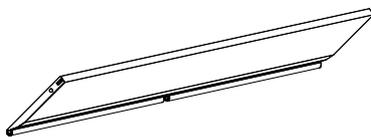
1 set per 10 inlets.



433043 DA 1211/1911 screw kit flange, 10/5 set

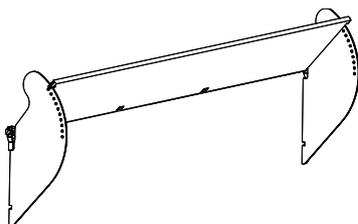
Used for mounting of DA 1911 flange inlet. Includes 40 units 4.8 × 70 mm tapping screws.

1 set per 10 inlets.



433173 DA 1911 air direction baffle - short

DA 1911 air direction baffle is used to adjust the air jet under cold weather conditions and to avoid adhesion on the wall.



433172 DA 1911 air dir. baffle long w. side pl.

DA 1911 air direction baffle is used to adjust the air jet under cold weather conditions and to avoid adhesion on the wall.

Long air direction baffle is mounted with side plates.

DA 1911 flange inlet

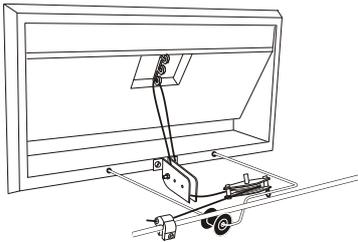


415075 Pulley f. pull rod, flange inlet

Is used for flange inlets.

If there are more than approx. 2 m between the inlets, the pull rod will bend downwards causing inaccuracy if carrying pulleys are not used.

1 unit by every 2 m free hanging pull rod.

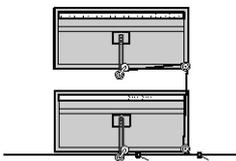


433039 DA 1200 extension rod 240mm

433037 DA 1200 extension rod 240mm, 10 pieces

S433037B DA 1200 extension rod 400mm, type B

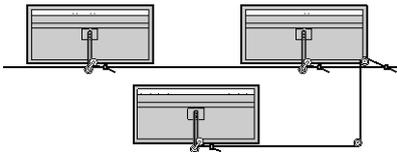
Extension rod is used if you want to carry the pull rod round heavy concrete pillars or the like where it is not possible to carry the pull rod directly through the pillar by making a through-going hole. The extension rod is made of stainless steel.



433021 DA 1200 regulation set for 2 inlets

Regulation set is used where there is a requirement for joint pull of two inlets placed above each other.

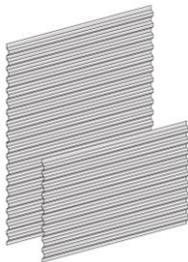
One set for each double inlet.



433032 DA 1200 regulation set staggered

Regulation set is used where the inlets are placed in two rows (staggered position) and joint pull is required.

One set per inlet in the row where a pull rod is not used.



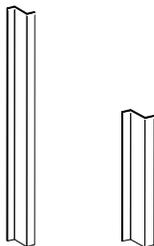
401280 Wind shield f. inlet, 1 row, red

Wind shield and light protection plate, 55cm, for inlet in one row.

401281 Wind shield f. inlet, 2 row, red

Wind shield and light protection plate, 110cm, for inlet in two rows.

Wind shield and light protection plate is used if the building is exposed to wind or if nuisance light can penetrate the inlet.



401282 Wind shield fitting f. 1 row galv

Short mounting fitting is used for mounting of wind shield and light protection plate.

401283 Wind shield fitting f. 2 row galv

Long mounting fitting is used for mounting of wind shield and light protection plate.



433174 DA 1900 inlet cover

DA 1900 inlet cover can be used together with DA 1900 wall inlets.

The inlet cover is designed to protect the livestock house against rain/snow and to provide a certain amount of wind and light dimming effect.

The output can be dimensioned to 1600 m³/h at 10 Pa and at a wall thickness of 10cm or more.

3 Technical Data

Differential pressure (Pa)	Air output DA1911 (10 cm wall and coarse mesh) (m ³ /h)
5	1250
10	1750
20	2500
30	3050
40	3550

DA 1911 flange inlet

Output

Air output at 10 Pa DA 1911, coarse mesh (10cm wall) 1750m³/h

Mechanical Design

Material 100% recyclable thermoplastic, high-impact material, dimensionally stable and UV stabilized

Net Holes 62 x 21mm

Springs Stainless

Tensile force 20 N

Pulling length 390 mm

Environment

Ambient 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

Shipping

Objective H x W x D: 325 x 885 x 150mm

Weight	Wall inlet	
	Wall inlet	4.1 kg
	Extension 20cm	0.43 kg
	Extension 30cm	0.63 kg
	Extension 40cm	0.88 kg

Number of inlets per pallet 48

3.1 Dimensioned Sketch

DA 1911

Recommended measurements in mm

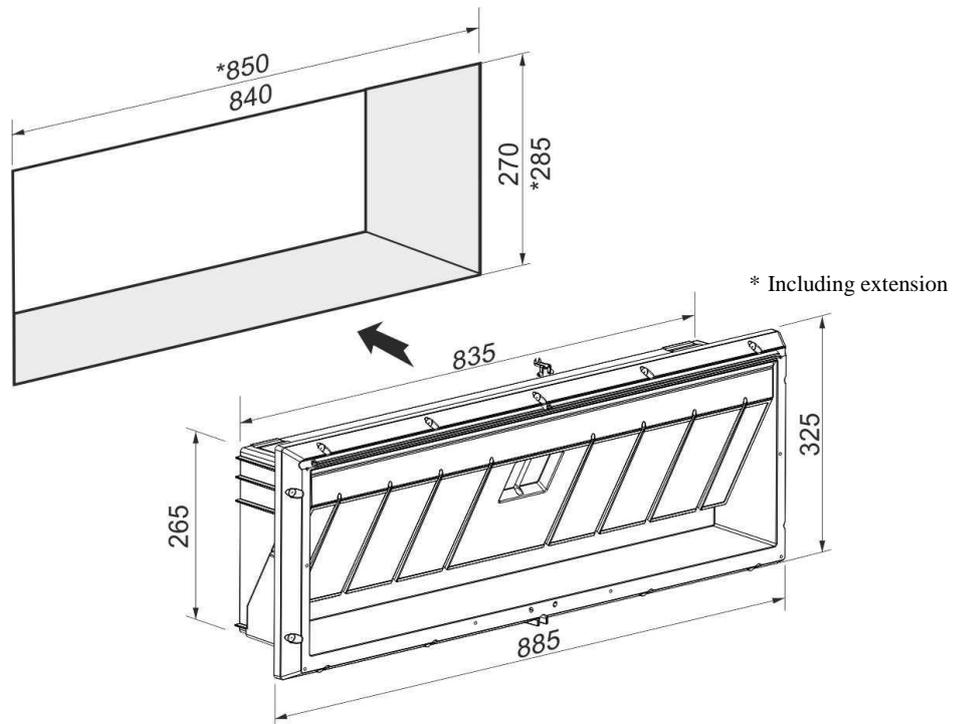
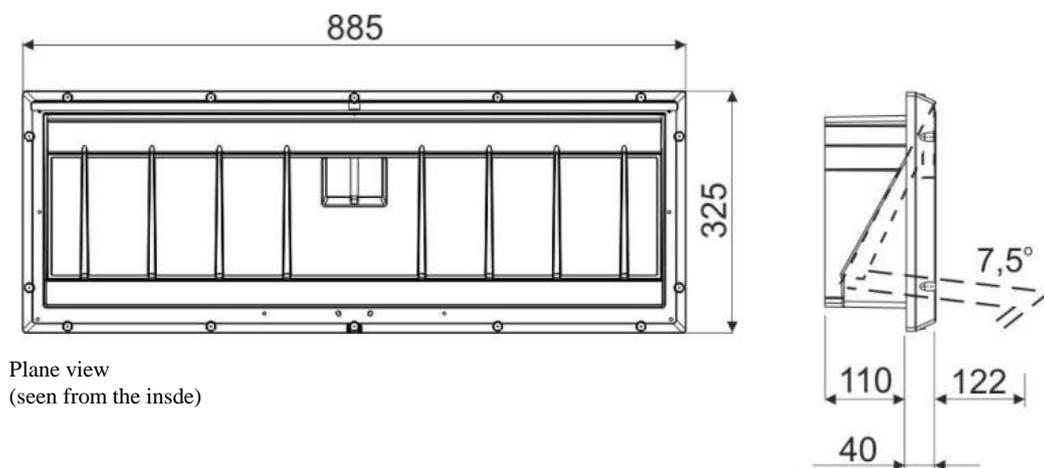


Figure 1



Plane view
(seen from the inside)

Figure 2

Net = wall thickness is increased by 10

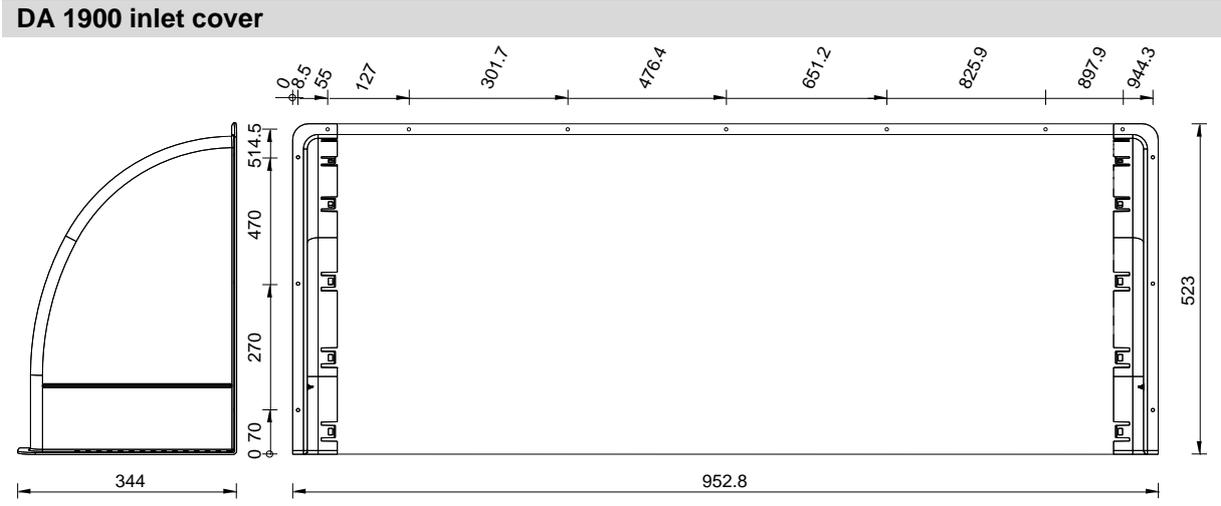


Figure 3

