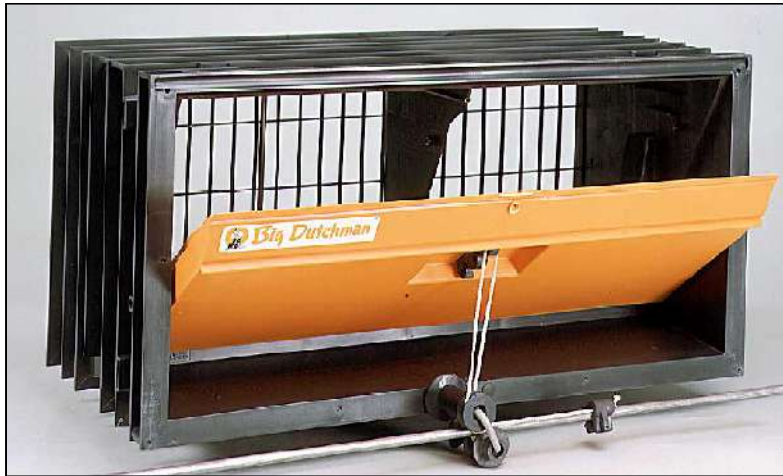




Big Dutchman.

BD Inlet-systems



inlet **CL-1200**

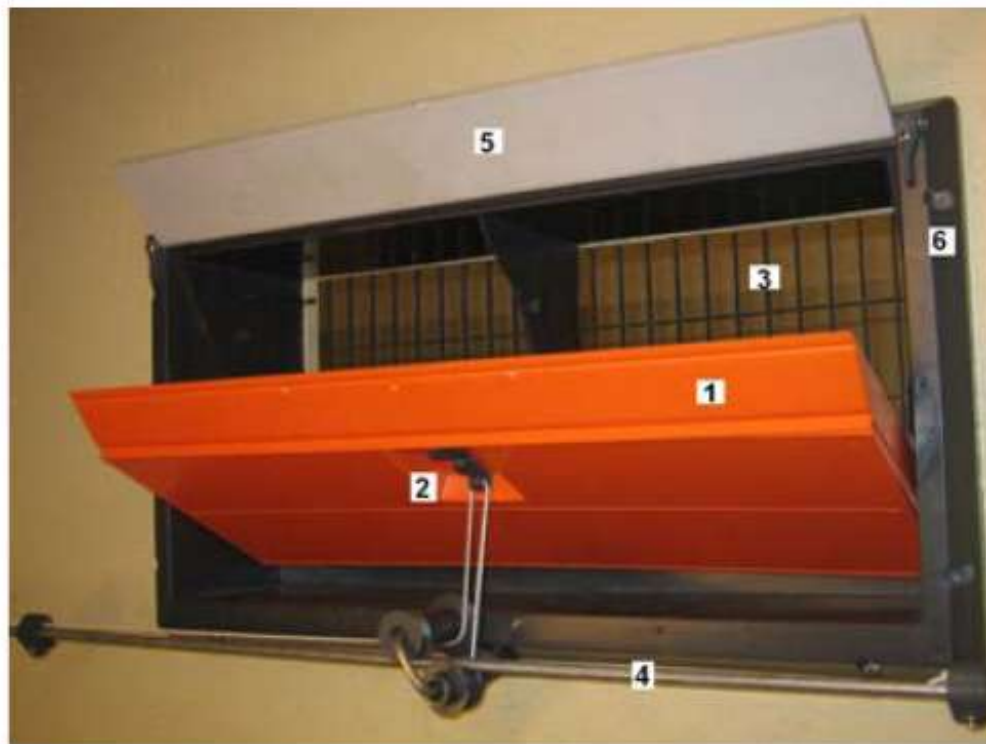
- tough workmanship
- exact and regular adjustment
- airtight in closed position cause of strong springs
- sharp angel of the inlet flap ensures optimum upwards air conduction
- the air direction plate directs the air at the correct angle to the house ceiling
- for flange or to brick obtainable

air capacity for **bricked inlets**

width	inlets 1 side neg. pressure			inlets both sides neg. pressure		
	width	air capacity (m ³ /h)	number of inlets	width	air capacity (m ³ /h)	number of inlets
3m	760 m ³ /h	4	Pa			
4m	880 m ³ /h	5	Pa			
5m	1000 m ³ /h	7	Pa			
6m	1140 m ³ /h	9	Pa	760m ³ /h	4	Pa
7m	1200 m ³ /h	10	Pa	880m ³ /h	5	Pa
8m	1260 m ³ /h	11	Pa	1000m ³ /h	7	Pa
9m	1360 m ³ /h	13	Pa	1140m ³ /h	9	Pa
10m	1450 m ³ /h	15	Pa	1200m ³ /h	10	Pa
11m	1520 m ³ /h	17	Pa	1260m ³ /h	11	Pa
12m	1520 m ³ /h	17	Pa	1360m ³ /h	13	Pa
15m				1450m ³ /h	15	Pa
20m				1520m ³ /h	17	Pa
25m				1520m ³ /h	17	Pa



inlet **CL-1200**



- 1 - Insulated flap with sharp angled edge
- 2 - Setting for advanced inlet control
- 3 - Coarse mesh netting
- 4 - Tension rod 8mm for opening and adjusting the valves
- 5 - Air guide panel "short"
- 6 - Flange for fastening to the wall

air capacity of inlets for flange

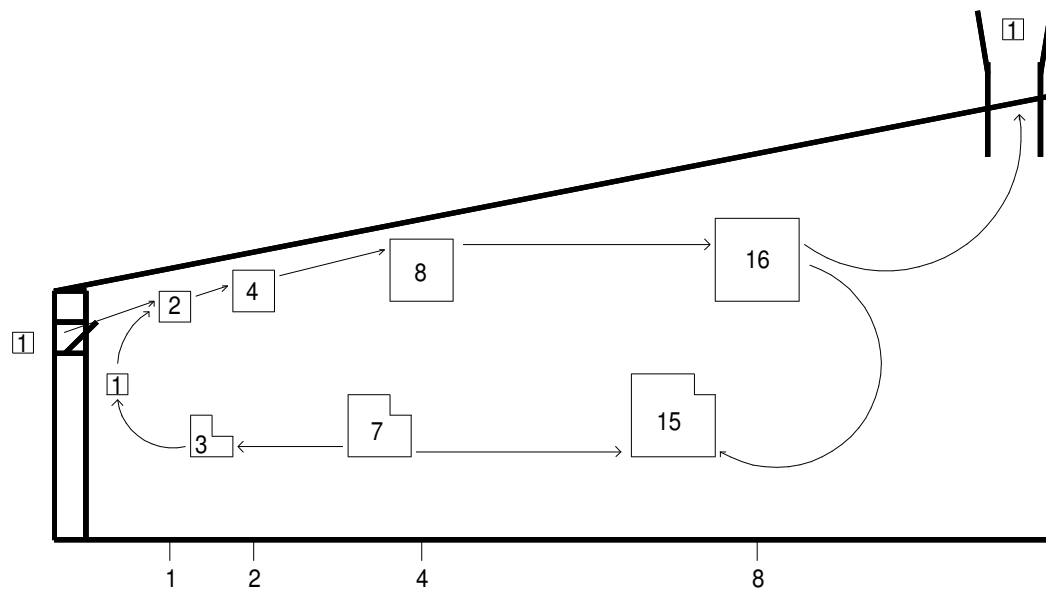
width	inlets one side			inlets both sides		
	neg. pressure			neg. pressure		
3m	760 m ³ /h	6	Pa	-	-	-
4m	880 m ³ /h	8	Pa	-	-	-
5m	1000 m ³ /h	10	Pa	-	-	-
6m	1140 m ³ /h	13	Pa	760m ³ /h	6	Pa
7m	1200 m ³ /h	14	Pa	880m ³ /h	8	Pa
8m	1260 m ³ /h	16	Pa	1000m ³ /h	10	Pa
9m	1360 m ³ /h	18	Pa	1140m ³ /h	13	Pa
10m	1450 m ³ /h	20	Pa	1200m ³ /h	14	Pa
11m	1520 m ³ /h	22	Pa	1260m ³ /h	16	Pa
12m	1575 m ³ /h	23	Pa	1360m ³ /h	18	Pa
15m	-	-	-	1450m ³ /h	20	Pa
20m	-	-	-	1520m ³ /h	22	Pa
25m	-	-	-	1575m ³ /h	23	Pa



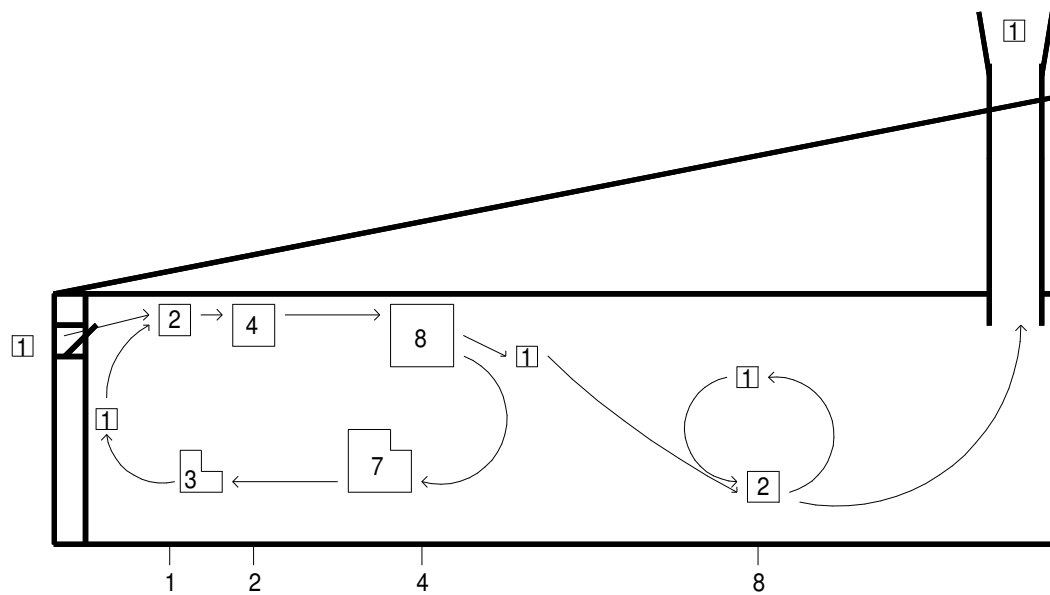
depth of inlets

- *CL-2-1211F 150 mm (40 mm of the inlet rise in the compartment)*
- *CL-2-1220 190 mm*
- *CL-2-1224 230 mm*
- *CL-2-1229 280 mm*
- *CL-2-1233 320 mm*

functional system with inlets



no functional system with inlets



easy solution for **multidifferentiation**



winter opening
(upper eyelet)

summer opening
(lowest eyelet)



Big Dutchman.

multidifferentiation

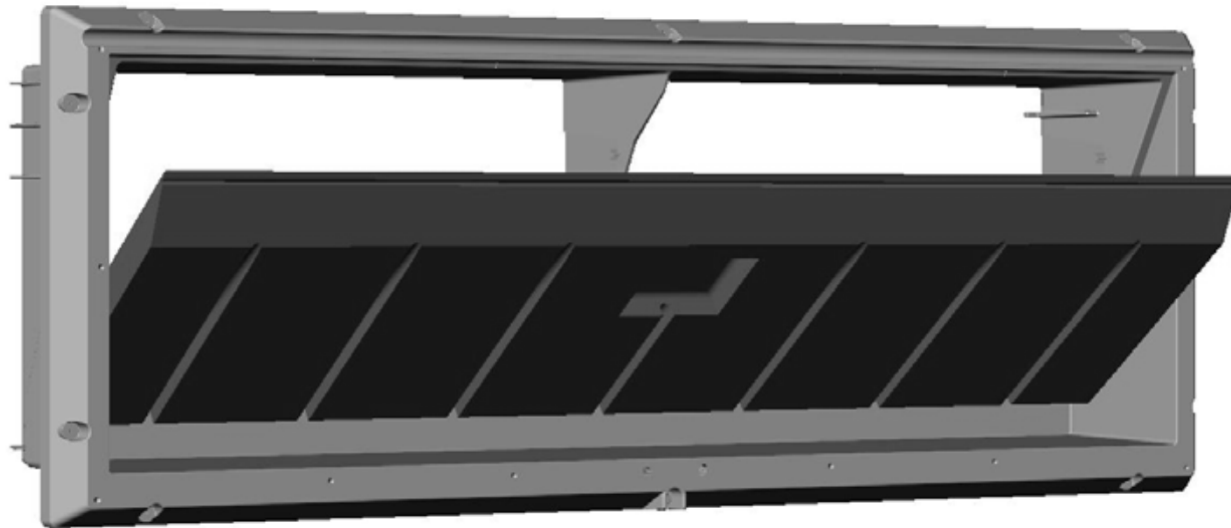


- at low aerates are stable airflows produced
- all flaps are at 100% ventilation completely open



Big Dutchman.

CL 1911





Air capacity for CL 1911

Differential pressure [Pa]	Air output with 10cm wall thickness and coarse mesh netting [m ³ /h]
5	1250
10	1750
20	2500
30	3050
40	3550

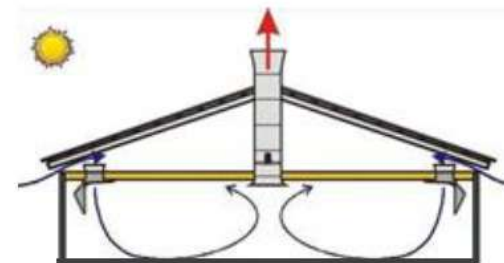
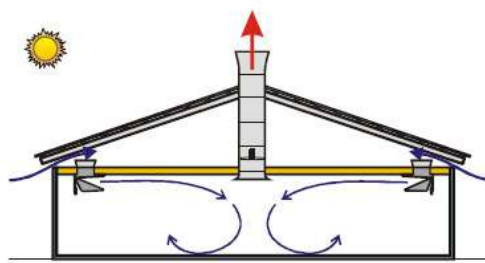
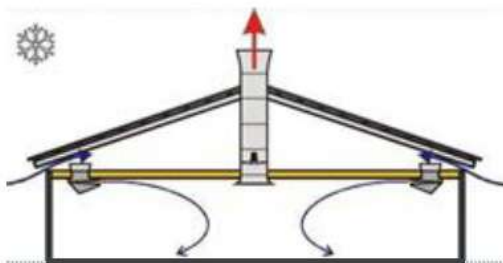


Big Dutchman.

CL1540



- High pressure cleaning
- Easy to install
- Possible to open 60cm
- High insulated
- Precise min. ventilation





Big Dutchman.

CL1540

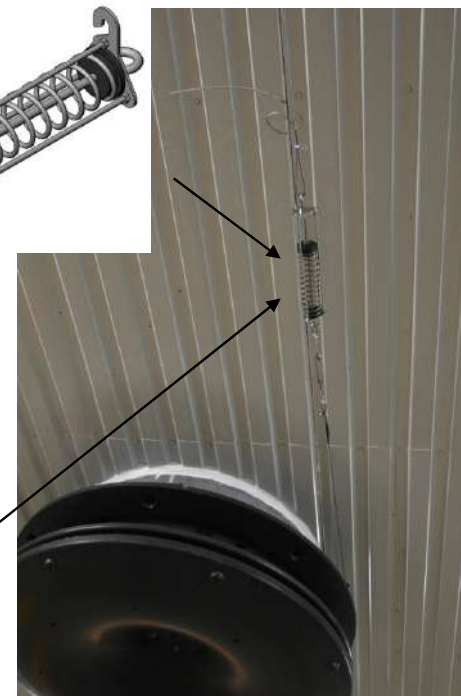
	DA 1540 including inlet funnel	DA 1540 excluding inlet funnel
Output [m³/h]	Differential pressure [Pa]	Differential pressure [Pa]
850	3	5
1000	5	7
1100	6	8
1200	7	10
1300	8	11
1400	9	13
1500	10	15
1600	12	17
1700	13	19
1850	16	23

Climatic zone	Inlets incl. inlet funnel								Inlets excl. inlet funnel							
	1		2		3		4-5		1		2		3		4-5	
Air jet range [m]	m ³ /h	Pa	m ³ /h	Pa	m ³ /h	Pa	m ³ /h	Pa	m ³ /h	Pa	m ³ /h	Pa	m ³ /h	Pa	m ³ /h	Pa
3	850	3	850	7	850	10	850	13	850	5	850	10	850	14	850	19
4	1000	5	1000	9	1000	14	1000	18	1000	7	1000	13	1000	20	1000	27
5	1100	6	1100	11	1100	17	1100	22	1100	8	1100	16	1100	24	1100	32
6	1200	7	1200	13	1200	20	1200	27	1200	10	1200	19	1200	29	1200	38
7	1300	8	1300	16	1300	23	1300	31	1300	11	1300	22	1300	34	1225	40
8	1300	9	1400	18	1400	27	1400	36	1400	13	1400	26	1400	39	1225	40
9	1500	10	1500	21	1500	31	1475	40	1500	15	1500	30	1425	40	1225	40
10	1600	12	1600	24	1600	35	1475	40	1600	17	1600	34	1425	40	1225	40

CL 60

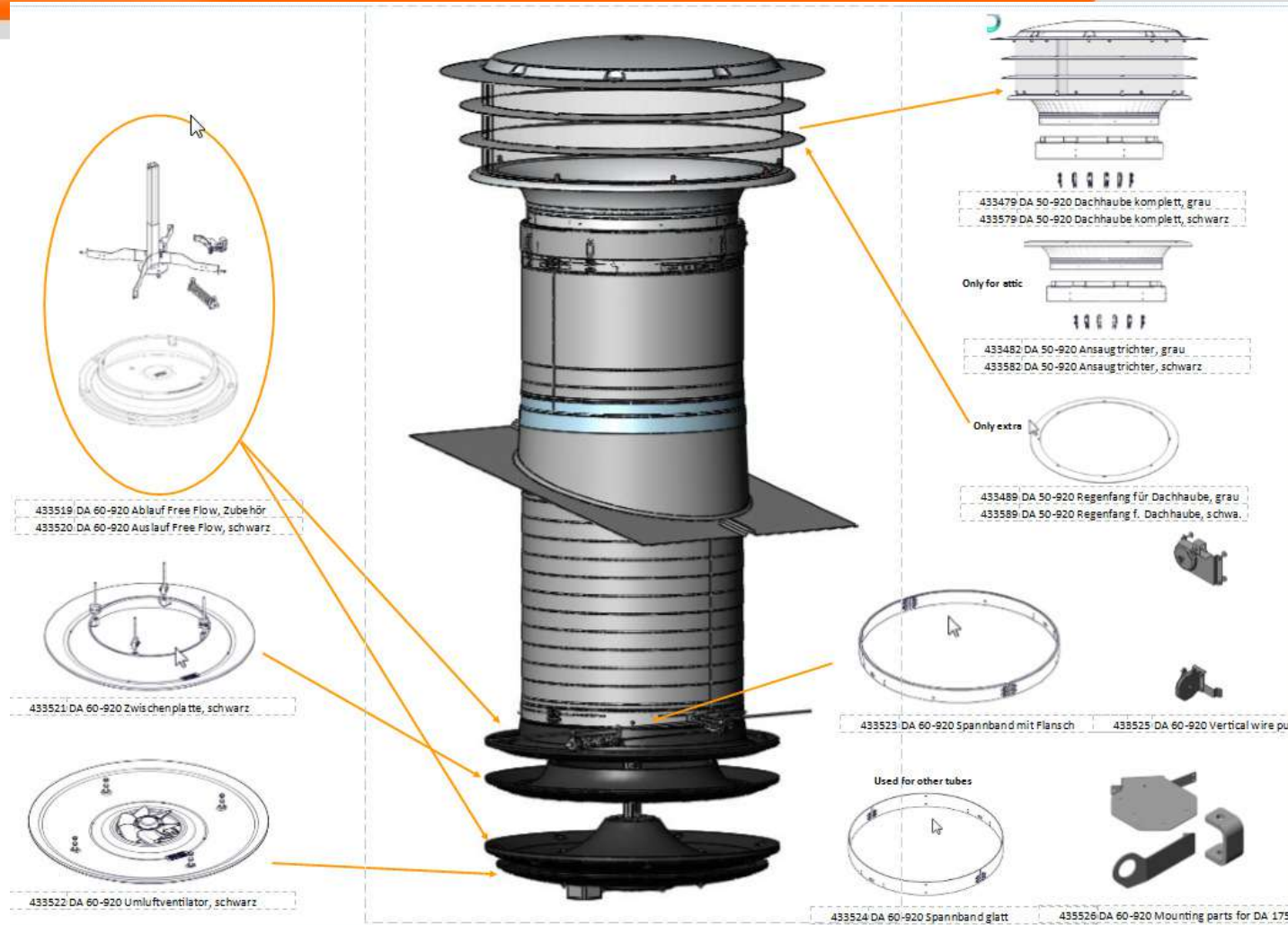


- For each unit there is **CL 60** a safety spring to secure that the plate will close proper and without overload. "pull-to-close" principle
- = **simple** design and easy to adjust for the actual configuration = **minimal** pulling for each





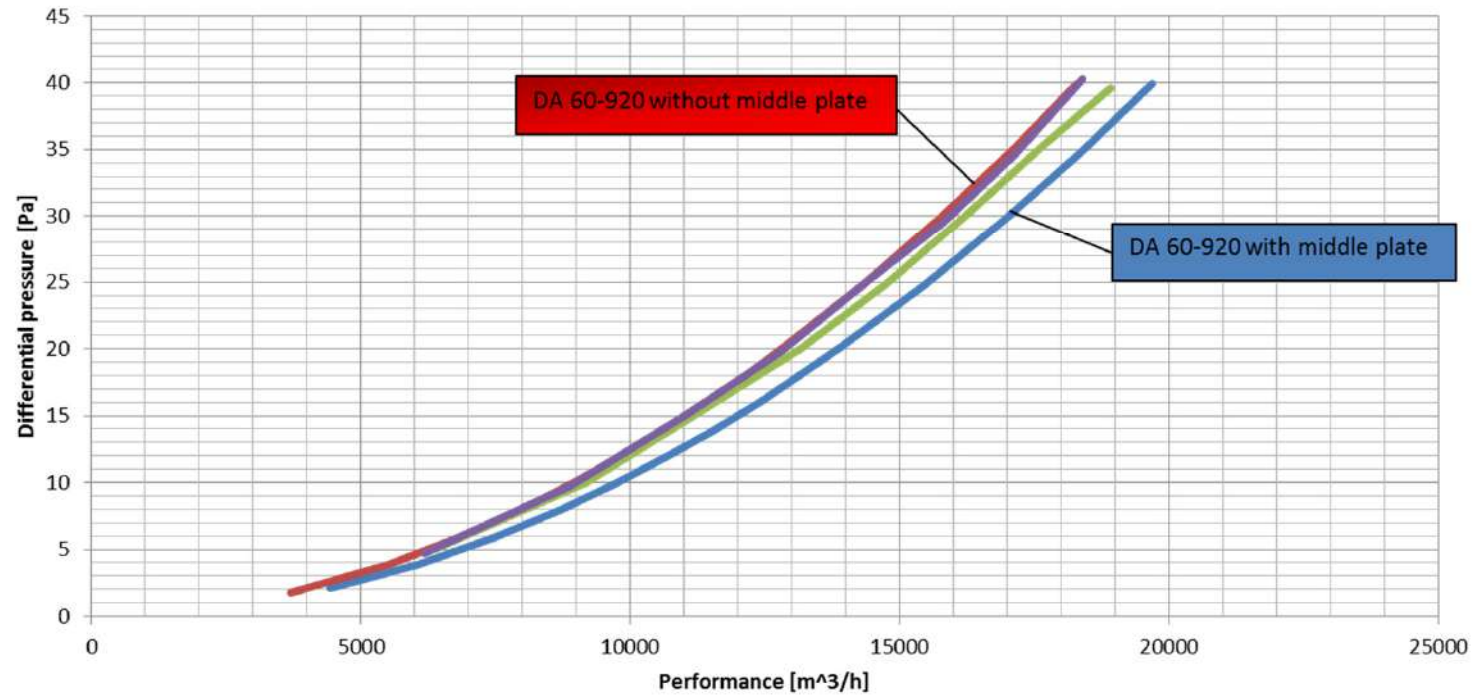
CL 60





CL 50/60 Performance [m^3/h]

- Performance DA 60-920, with intermediate plate, opening 420 mm
- Performance DA 60-920, without intermediate plate, opening 420 mm
- Performance DA 50-920, with intermediate plate, opening 420 mm
- Performance DA 50-920, without intermediate plate, opening 420 mm



- The DA 60 unit can distribute high air volume without draught in the animal zone
= high productivity via good climate
- The DA 60 has a simple and strong mechanical design = looks nice and robust
- The DA 60 is easy to assembly = time saving
- The DA 60 can withstand cleaned with hard pressure water = good hygiene
- The DA 60 is together with the new DA 920 duct system a nice step ahead



- High insulated
- Semi insulated
- Transparent flap

Negative pressure [Pa]	Inside position [m ³ /h]	Outside position [m ³ /h]
5	13100	12100
10	18500	17300
15	22600	21100
20	26100	24400
30	32000	29800