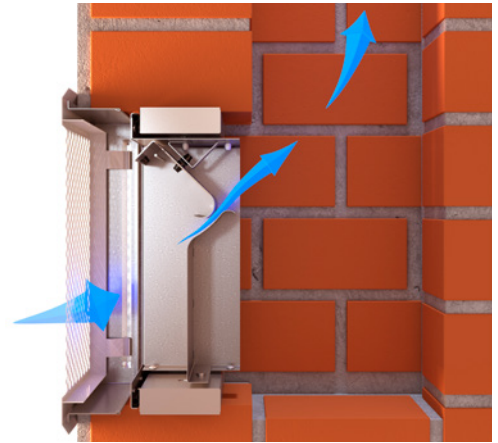
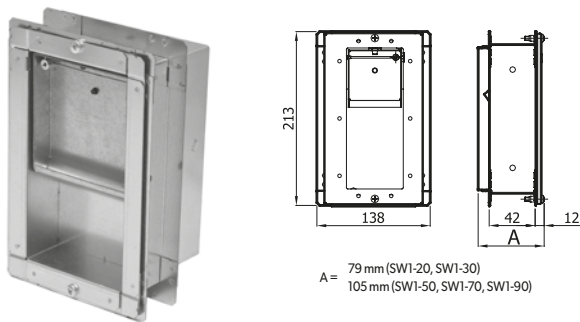


DRAUGHT STABILIZER - STABILER SW

Draught stabilizer is to be mounted in the horizontal part of a ventilation duct (of natural or hybrid type) just behind a ventilation grate. Main purpose of the stabilizer is to reduce excessive flow of air through the ventilation duct. Maximal amount of air that is allowed to flow through the device is limited by the way device is constructed. By low airflow volumes device allows it with very small pressure losses, when airflow gets bigger (closer to the maximal amount), damper of the device begins to close, limiting the airflow to a certain level. Maximal airflow values are set in a way that they are complying with current norms and directives regarding ventilation, what makes designating device to a proper room or ventilation channel easy.



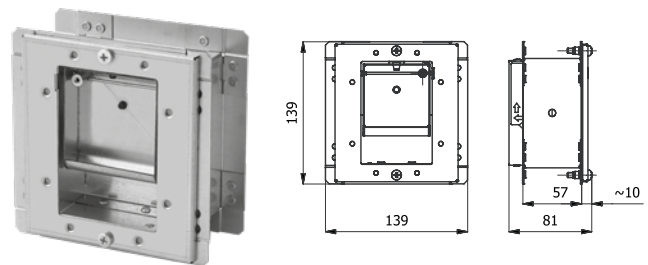
DRAUGHT STABILIZER - STABILER SW1



A = 79 mm (SW1-20, SW1-30)
105 mm (SW1-50, SW1-70, SW1-90)

SW1 ...
airflow limit (20, 30, 50, 70, 90)
draught stabilizer - version 1

DRAUGHT STABILIZER - STABILER SW2



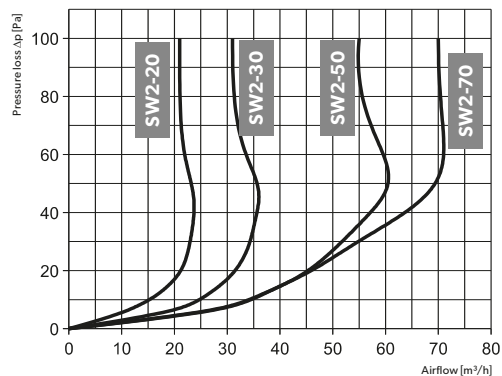
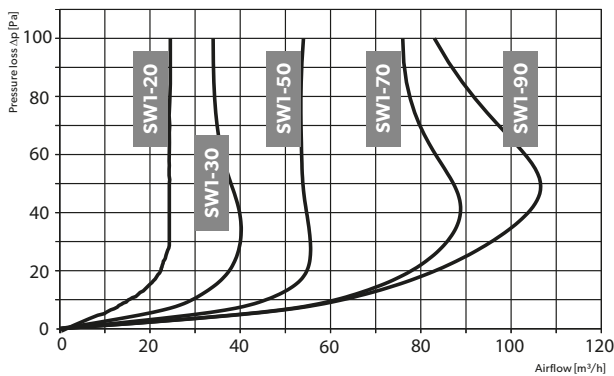
SW2 ...
airflow limit (20, 30, 50, 70)
draught stabilizer - version 2

Determining proper Stabilizer to a certain ventilation duct (based on polish regulations*):

Type of room	Efficiency of stabilizer [m³/h]
- Living rooms and bedrooms (per 1 person)	20
- Kitchen with outside window and electric cooker (apartment for 1 or 2 persons)	30
- Separate toilet	
- Living rooms and bedrooms (for 2 persons)	50
- Kitchen with outside window and electric cooker (apartment for 3 persons)	
- Kitchen without outside window or alcove, kitchen with electric cooker	
- Bathroom with or without toilet	
- Kitchen with outside window and gas or solid fuel cooker	70
- Living rooms and bedrooms (per 3 persons)	
- Living rooms and bedrooms (per 4 persons)	90

Destination	W	W - ventilation
Material	OC	OC - galvanised steel sheet

Airflow charts:



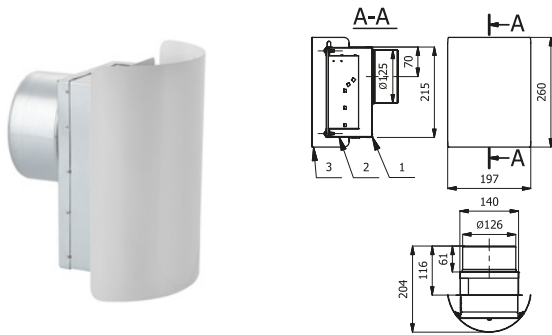
DRAUGHT STABILIZER WITH CASSETTE KSW1, KSW2

Draught stabilizer reduces excessive flow of air through the ventilation duct. Maximal amount of air that is allowed to flow through the device is limited by the way it is constructed. By low airflow volumes device allows it to go through with very small pressure losses, when airflow gets bigger (closer to the maximal amount) damper begins to close, limiting the airflow to a certain level. Stabilizer versions are prepared in a way that they are complying with appropriate norms and directives regarding ventilation, this makes choosing a proper one to a given room or ventilation channel more than easy.

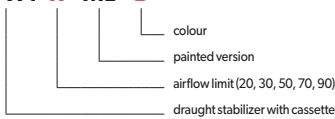
KSW series is a set dedicated to be mounted on pipe ducts. It consists of: stabilizer, mounting cassette with outlet and a decorative covering replacing ventilation shield grate. Construction of cassette's inlet allows easy mounting of a fire damper, in case it is needed.

Destination	W	W - ventilation
Material	OC	OC - galvanised steel sheet

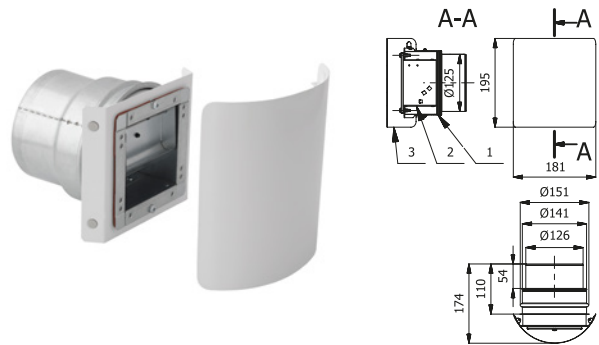
DRAUGHT STABILIZER - WITH CASSETTE KSW1



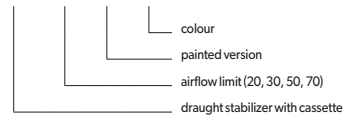
KSW1 x - ML - B



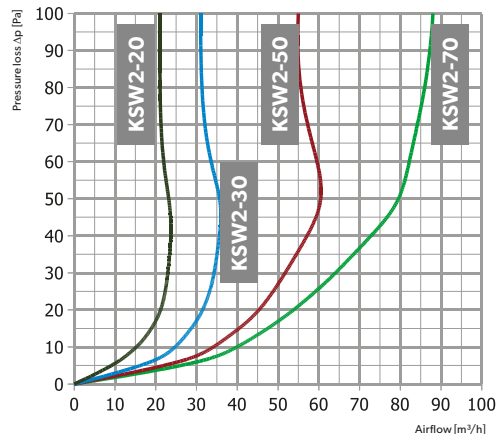
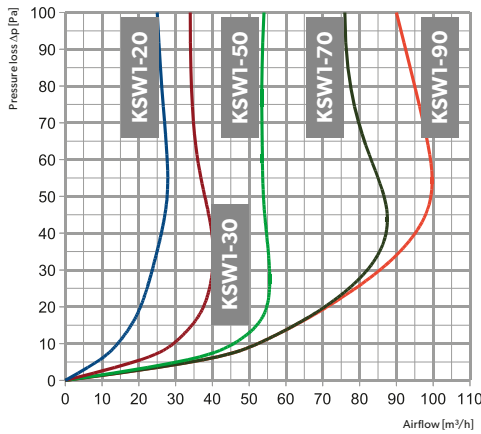
DRAUGHT STABILIZER - WITH CASSETTE KSW2



KSW2 x - ML - B

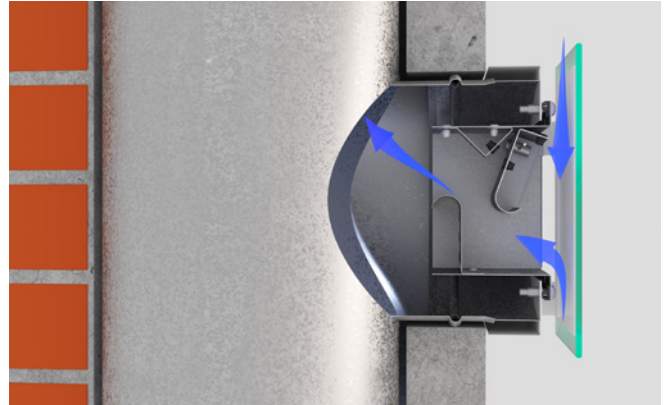


Airflow charts:



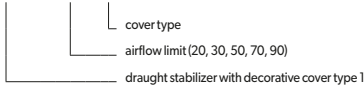
Pressure loss chart for draught stabilizers in a function of the airflow coming through it.

DRAUGHT STABILIZER WITH DECORATIVE COVER CSW

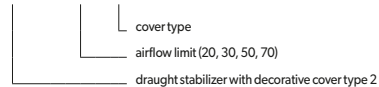


CSW Draught Stabilizers are devices that combine functionality with modern design. This type of stabilizer allows easy mounting of one of several aesthetical wall panels and fronts, that will correspond nicely with every interior. Wall panels are mounted to the Stabilizer with screws (included in set) while removable, decorative fronts are to be hung on the panel.

CSW1 - ... - a



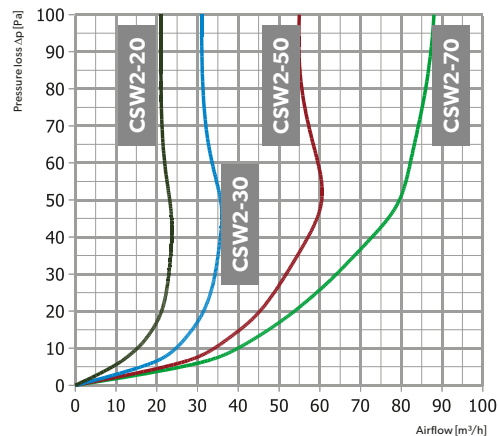
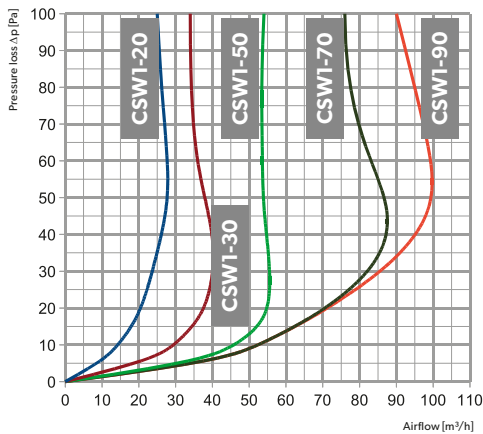
CSW2 - ... - a



Version	Mounting dimension		Airflow [m³/h] for Δp = 10 Pa				
	square ceramic duct [mm]	round steel duct [mm]	20	30	50	70	90
CSW1-...	140x210	≤ø 140	x	x	x	x	x
CSW2-...	140x140	≤ø 140	x	x	x	x	

Destination	W	W	W	W	W-ventilation
	Flap valve version	STYL-1-ML-CZ	-	-	-
	STYL-1-ML-B	-	-	-	STYL-1-ML-B - mild steel powder painted (white)
	STYL-3-ML-CZ	-	-	-	STYL-3-ML-CZ - mild steel powder painted (black)
	STYL-3-ML-B	-	-	-	STYL-3-ML-B - mild steel powder painted (white)
	-	SZ	-	-	SZ - white glass
	-	-	Z-CH	-	Z-CH - form of blinds - chrome-nickel steel
	-	-	-	G	G - prepared for plastering

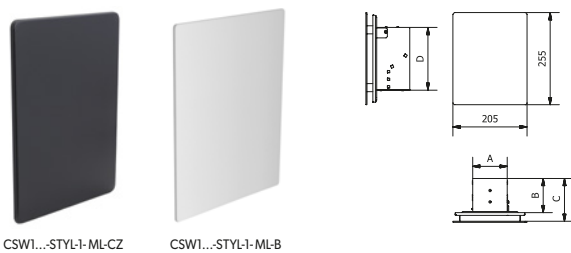
Airflow charts:



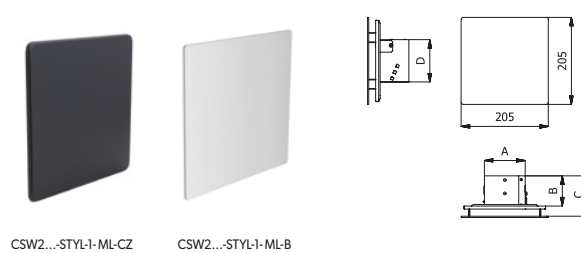
Pressure loss chart for draught stabilizers in a function of the airflow coming through it.

STABILIZERS - TYPES:

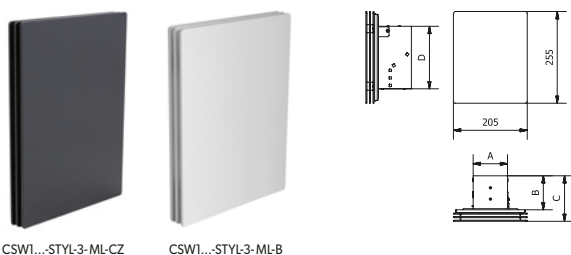
1. Stabilizer CSW1...-STYL-1- ML-...



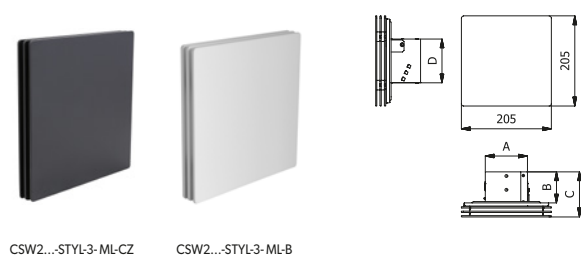
2. Stabilizer CSW2...-STYL-1- ML-...



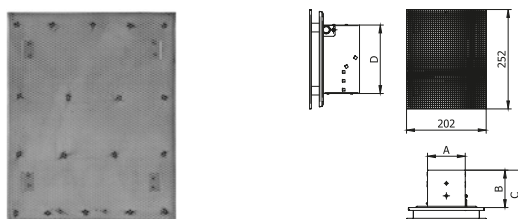
3. Stabilizer CSW1...-STYL-3- ML-...



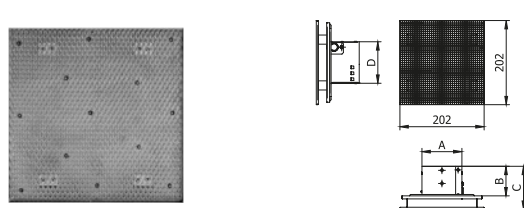
4. Stabilizer CSW2...-STYL-3- ML-...



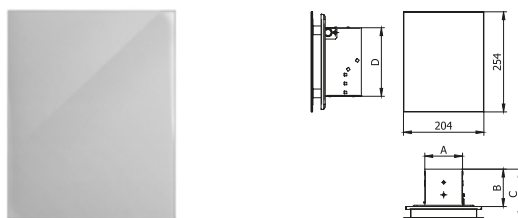
5. Stabilizer CSW1...-G



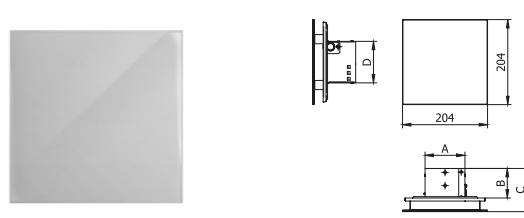
6. Stabilizer CSW2...-G



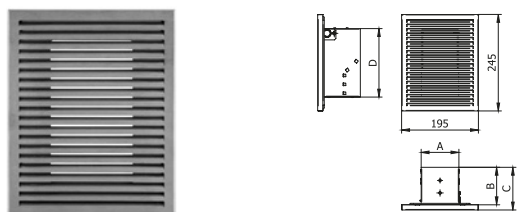
7. Stabilizer CSW1...-SZ



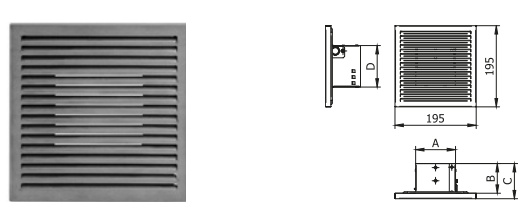
8. Stabilizer CSW2...-SZ



9. Stabilizer CSW1...-Z-CH



10. Stabilizer CSW2...-Z-CH



Measurements:

No	Version	A	B	C	D
1	CSW1-90-STYL1-ML...	96	95	122	174
2	CSW1-70-STYL1-ML...	96	95	122	174
3	CSW1-50-STYL1-ML...	96	95	122	174
4	CSW1-30-STYL1-ML...	70	70	97	174
5	CSW1-20-STYL1-ML...	35	70	97	174
6	CSW1-90-STYL3-ML...	96	95	127	174
7	CSW1-70-STYL3-ML...	96	95	127	174
8	CSW1-50-STYL3-ML...	96	95	127	174
9	CSW1-30-STYL3-ML...	70	70	102	174
10	CSW1-20-STYL3-ML...	35	70	102	174
11	CSW1-70-G	96	95	127	174
12	CSW1-50-G	96	95	127	174
13	CSW1-30-G	70	70	103	174
14	CSW1-20-G	35	70	103	174
15	CSW1-70-SZ	96	95	127	174
16	CSW1-50-SZ	96	95	127	174
17	CSW1-30-SZ	70	70	103	174
18	CSW1-20-SZ	35	70	103	174
19	CSW1-70-Z-CH	96	95	108	174
20	CSW1-50-Z-CH	96	95	108	174
21	CSW1-30-Z-CH	70	71	84	174
22	CSW1-20-Z-CH	35	71	84	174

No	Version	A	B	C	D
1	CSW2-70-STYL1-ML...	96	71	98	100
2	CSW2-50-STYL1-ML...	96	71	98	100
3	CSW2-30-STYL1-ML...	70	70	97	102
4	CSW2-20-STYL1-ML...	35	70	97	102
5	CSW2-70-STYL3-ML...	96	71	103	100
6	CSW2-50-STYL3-ML...	96	71	103	100
7	CSW2-30-STYL3-ML...	70	70	102	102
8	CSW2-20-STYL3-ML...	35	70	102	102
9	CSW2-70-G	96	71	103	100
10	CSW2-50-G	96	71	103	100
11	CSW2-30-G	70	70	103	102
12	CSW2-20-G	35	70	103	102
13	CSW2-70-SZ	96	71	104	100
14	CSW2-50-SZ	96	71	104	100
15	CSW2-30-SZ	70	70	104	102
16	CSW2-20-SZ	35	70	104	102
17	CSW2-70-Z-CH	96	71	84	100
18	CSW2-50-Z-CH	96	71	84	100
19	CSW2-30-Z-CH	70	71	84	102
20	CSW2-20-Z-CH	35	71	84	102