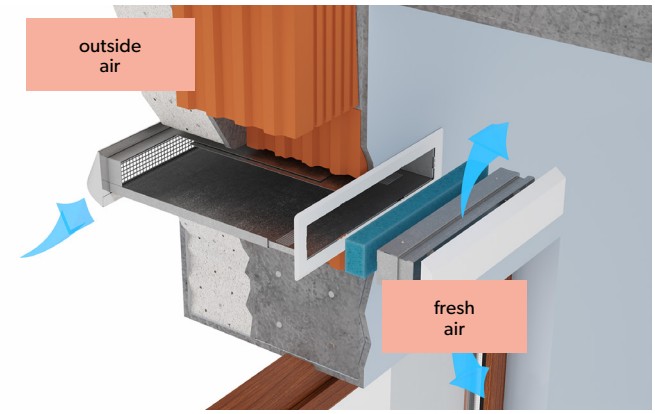
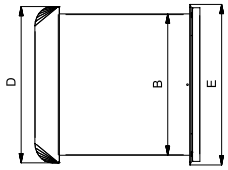
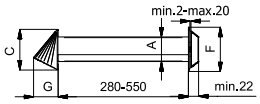
RECTANGULAR AIR INTAKE SET



Additional equipment:

- basic filter
- directional valve





Destination	W	W	W	W	W - ventilation
Air intake material	CH	-	-	-	CH - chrome-nickel steel sheet
	-	CH	-	-	CH - chrome-nickel steel sheet
	-	-	ML	-	ML - galvanised steel sheet powder coated (white)
	-	-	-	OC	OC - galvanised steel sheet
Channel material	CH	-	-	-	CH - chrome-nickel steel sheet
	-	OC	OC	OC	OC - galvanised steel sheet
Flap valve material	CH	-	-	-	CH - chrome-nickel steel sheet
	-	ML	ML	ML	ML - mild steel powder coated (white)

Technical data

Version	Dimensions [mm]							Channel cross-section S [cm²]	Pressure loss ratio ς with filter	Airflow at 10 [Pa] (without filter) flap valve opening 20 mm [m³/h]	Sound attenuation - Flap valve opening Dn,e,w [dB]		Weight [kg]
	A	B	C	D	E	F	G				2 mm	20 mm	
NP1	53	304	87	336	345	95	52	147	10.8	115	33 (-1,-1)	26 (0.0)	2.50
NPS1								147	13.0	84	33 (-1,-1)	26 (0.0)	2.90
NP2	75	594	109	626	635	116	64	419	15.9	249	38 (-1,-2)	26 (0.0)	4.80
NPS2								419	18.1	218	38 (-1,-2)	26 (0.0)	5.70

Version	Airflow at 10 [Pa] (with filter) acc. to PN-83/B-03430/Az3			
	minimum [m³/h]	opening [mm]	nominal [m³/h]	opening [mm]
NP1	7,9	2	26,9	5
NPS1	6,6	2	26,5	5
NP2	7,3	2	25,2	4
NPS2	8,7	1	28,7	max. u.t.

max. u.t. - maximum upper tilt

Positioning of the air intake in accordance with PN-83/B-03430/Az3

Air volume flow rate with the air intake open:

Requirement for mechanical exhaust ventilation: 20-30 [m³/h]

Requirement for gravity ventilation: 20-50 [m³/h]

Air volume flow rate with air intake closed:

20% to 30% of the flow at its nominal opening

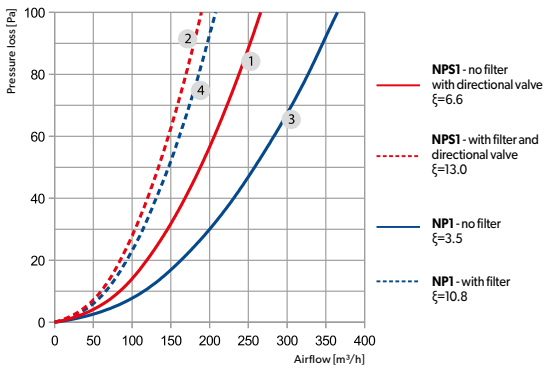
NP x - a / b

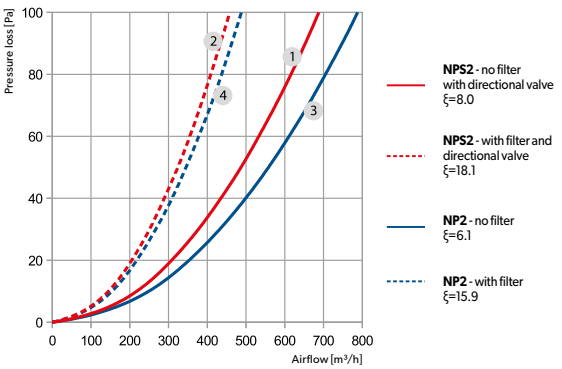
- flap valve material
- air intake material
- type
- rectangular air intake set

NPS x - a / b

- flap valve material
- air intake material
- type
- rectangular air intake set with directional valve

Airflow charts:





invent. build. enjoy.