

Projectstructuur

Project 1	-----	
Position.01	-----	MS-F/300x300x1500/2x100/P
Position.02	-----	CAH/160x1000/50
alternatief	-----	MS-F/160x250x1500/1x100/P



MS-F/300x300x1500/2x100/P

Coulisse-oppervlak
breedte
hoogte
Lengte (in luchtrichting)
Coulisaantal
Coulisdikte
Flens
totaalaantal

F
300
300
1500
2
100
P
1

Glaszijdedoek

Luchtkanaalprofiel 30 mm

Invoergegevens

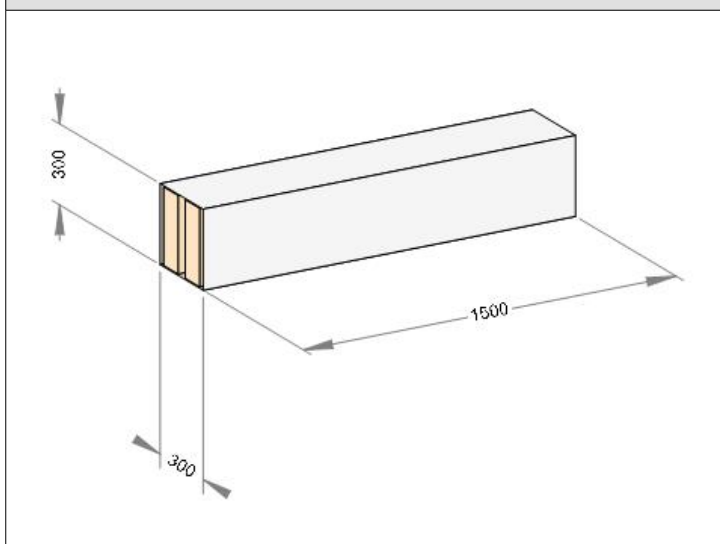
strategie: Geluiddemper

Luchthoeveelheid q_v 270 m³/h

resultaten

Luchtsnelheid in de spleet v_s 2,5 m/s
Spleetbreedte S 50 mm
Statisch drukverschil p_{st} 3 Pa
Stromingsgeluid $L_{W,A}$ < 15 dB(A)
Stromingsgeluid $L_{W,NC}$ < 15 dB
Stromingsgeluid $L_{W,NR}$ < 15 dB
Gedeelde geluiddemper State 0 *)
Deel 1 n x B1xH1xL1 0
Deel 2 n x B2xH1xL1 0
Deel 3 n x B1xH1xL2 0
Deel 4 n x B2xH1xL2 0
Gewicht m 25 kg

Tekening



Opmerkingen *)

Gedeelde Degeluiddemperwordtinongedeeldgeleverd.
geluiddemper
State

akoestische gegevens

	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
Stromingsgeluid, geluidvermogen	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15
Tussenschakeldemping	6	14	26	29	37	42	36	29

beschrijving

Splitter sound attenuators used for the reduction of fan noise and air-regenerated noise in ventilation and air conditioning systems. Attenuation effect due to absorption and resonance. Energy-saving as well as hygiene tested and certified. Splitter sound attenuator that consist of a duct with connections and integral type MK splitters or a splitter set. Splitters consist of an aerodynamically formed frame (bullnose radius 20 mm), sound absorbing material, and resonating panels. The splitter frame reduces pressure losses and air-regenerated noise. The profiled frame with bullnose edges increase the stiffness of the splitter. Insertion loss and sound power level of air-regenerated noise measured according to EN ISO 7235. For requirements in areas with potentially explosive atmospheres (ATEX), zones 1, 2, 21 and 22 (outside) according to Directive 1999/92/EC. The duct meets leakage class C and pressure class 2 according to EN 15727.

CAH/160x1000/50



H
Grootte
nominale lengte
Isolatie dikte
totaalaantal

H
160
1000
50
1

Invoergegevens

strategie: Geluiddempers

Luchthoeveelheid q_v 180 m³/h

resultaten

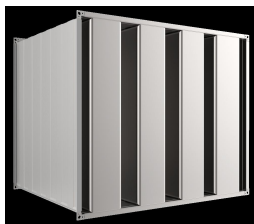
Aanstroomsnelheid v 2,55 m/s
Statisch drukverschil p_{st} 1 Pa
Stromingsgeluid $L_{W,A}$ < 15 dB(A)
Stromingsgeluid $L_{W,NC}$ < 15 dB
Stromingsgeluid $L_{W,NR}$ < 15 dB
Gewicht m 7 kg

akoestische gegevens

	63Hz [dB]	125Hz [dB]	250Hz [dB]	500Hz [dB]	1kHz [dB]	2kHz [dB]	4kHz [dB]	8kHz [dB]
Stromingsgeluid, geluidvermogen	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15
Tussenschakeldemping	3	5	10	20	34	33	21	16

beschrijving

Circular silencers for ventilation and air conditioning systems, rigid construction, available in 14 nominal sizes and with 3 insulation thicknesses. Insertion loss measured according to ISO 7235. Casing with acoustic and thermal insulation. Galvanised steel or stainless steel. Various types of connection, suitable for circular ducts to EN 1506 or EN 13180. Leakage class C or D (depending on size) to EN 15727.



MS-F/160x250x1500/1x100/P

Coulisse-oppervlak
breedte
hoogte
Lengte (in luchtrichting)
Coulisaantal
Coulisdikte
Flens
totaalaantal

F
160
250
1500
1
100
P
1

Glaszijdedoek

Luchtkanaalprofiel 30 mm

Invoergegevens

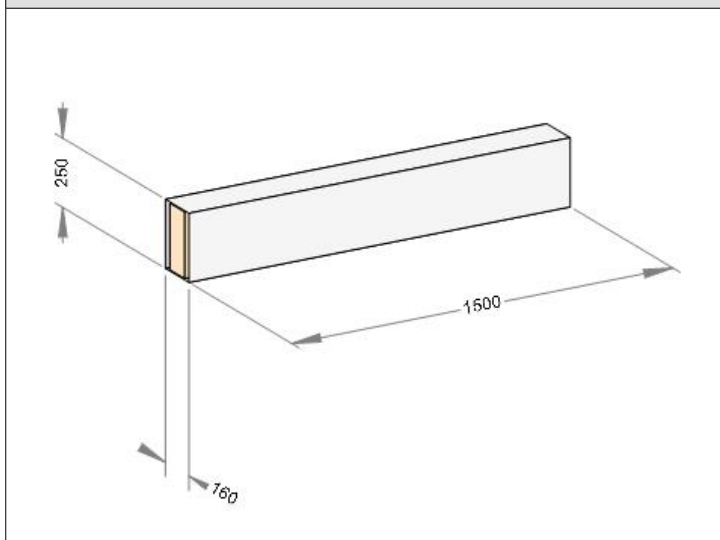
strategie: Geluiddemper

Luchthoeveelheid q_v 180 m³/h

resultaten

Luchtsnelheid in de spleet v_s 3,3 m/s
Spleetbreedte S 60 mm
Statisch drukverschil p_{st} 5 Pa
Stromingsgeluid $L_{W,A}$ < 15 dB(A)
Stromingsgeluid $L_{W,NC}$ < 15 dB
Stromingsgeluid $L_{W,NR}$ < 15 dB
Gedeelde geluiddemper State 0 *)
Deel 1 n x B1xH1xL1 0
Deel 2 n x B2xH1xL1 0
Deel 3 n x B1xH1xL2 0
Deel 4 n x B2xH1xL2 0
Gewicht m 15 kg

Tekening



Opmerkingen *)

Gedeelde Degeluiddemperwordtinongedeeldgeleverd.
geluiddemper
State

akoestische gegevens

	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]	[dB]
Stromingsgeluid, geluidvermogen	< 15	< 15	< 15	< 15	< 15	< 15	< 15	< 15
Tussenschakeldemping	6	13	23	26	35	38	32	25

beschrijving

Splitter sound attenuators used for the reduction of fan noise and air-regenerated noise in ventilation and air conditioning systems. Attenuation effect due to absorption and resonance. Energy-saving as well as hygiene tested and certified. Splitter sound attenuator that consist of a duct with connections and integral type MK splitters or a splitter set. Splitters consist of an aerodynamically formed frame (bullnose radius 20 mm), sound absorbing material, and resonating panels. The splitter frame reduces pressure losses and air-regenerated noise. The profiled frame with bullnose edges increase the stiffness of the splitter. Insertion loss and sound power level of air-regenerated noise measured according to EN ISO 7235. For requirements in areas with potentially explosive atmospheres (ATEX), zones 1, 2, 21 and 22 (outside) according to Directive 1999/92/EC. The duct meets leakage class C and pressure class 2 according to EN 15727.