

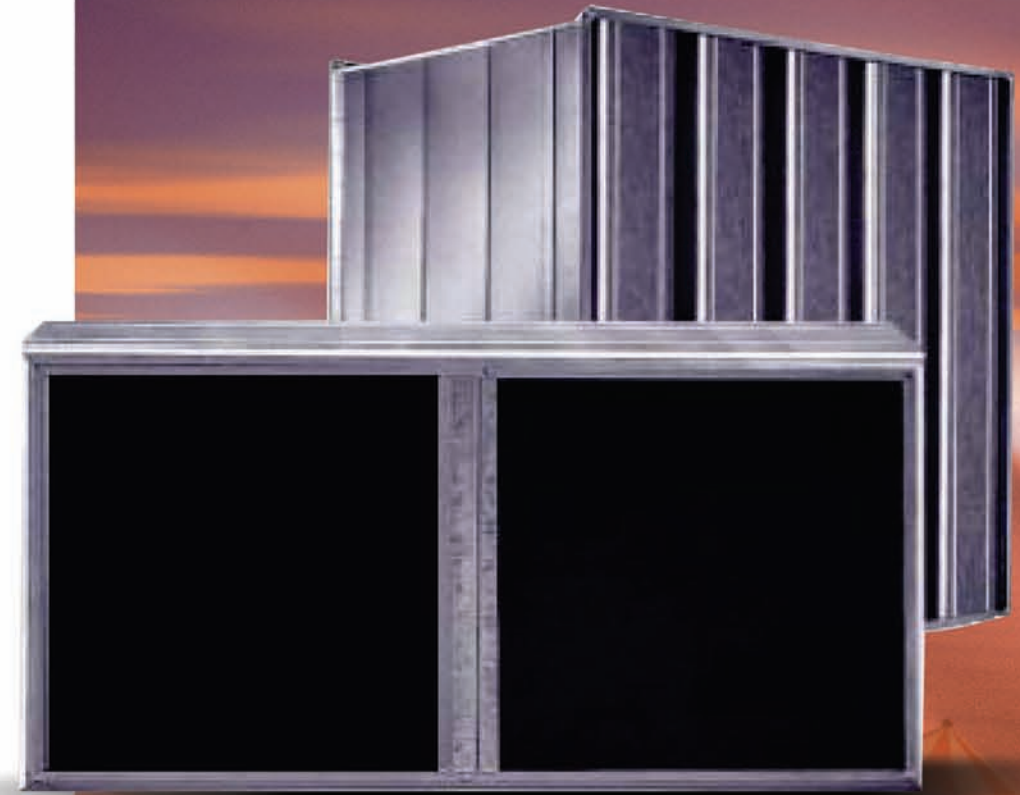
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Klima Havalandırma Isıtma Soğutma
Sistemleri Sanayi ve Ticaret Ltd. Şti.

ALSA-10 ALSA-20

KANAL TİPİ SES ABSORBERLERİ *RECTANGULAR SPLITTER ATTENUATORS (SILENCERS)*



Klima Havalandırma Isıtma Soğutma
Sistemleri Sanayi ve Ticaret Ltd. Şti.

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Deneyimin Genç Yüzü

KANAL TİPİ SES ABSORBERLERİ

RECTANGULAR SPLITTER ATTENUATORS (SILENCERS)

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Klima Havalandırma Isıtma Soğutma Sistemleri Sanayi ve Ticaret Ltd. Şti.

Farklı hava debilerinde ve farklı kanal kesitlerine uyarlanabilir, iki ayrı modelde (ALSA-10, ALSA-20) üretilmekte olan Kanal Tipi Ses Absorberleri standart olarak yandaki tablolarda belirtilen ölçülerde üretilmektedir. Belirtilen ölçülerin haricinde üretim istenilmesi durumunda, firmamızla temasa geçiniz.

- Susturucular, Klima ve Havalandırma sistemlerinde oluşan mekanik gürültüleri önlemek ve havalandırılacak mekana sesin gelmemesi amacıyla üretilmişlerdir.
- 50 kg/m³ yoğunlukta preslenmiş Klima Levha üzeri, 20 m/s 'lık hava hızına kadar olabilecek partikül aşınmasını önleyecek şekilde cam lifiyle kaplanmıştır. DIN 4102 normuna uygun A2 sınıfı yanıcı olmayan malzeme, bükümlü galvaniz sac ile çevrilmiştir.
- Dış kasa galvaniz sac'tan olup, standart kanal flanşları ile çevrilmiş ve köşelerinde mukavim flanş köşesi kullanılmıştır.
- Özel taleplerinize özel AL THERM çözümleri sunulmaktadır.

Rectangular Splitter Sound Absorbers are adaptable to different air flows and different base sections and produced in two models (ALSA-10, ALSA-20) as standard in sizes indicated in the adjoining tables. In addition to the specified sizes, if you require products in different sizes, please contact with the firm.

- The silencers are designed to prevent mechanical noises generated in the air-conditioning and ventilating systems and insulating the space to be ventilated against sound.
- Top of the Air-conditioner Sheet, pressed at density of 50 kg/m³ is covered with fiberglass to prevent particle wear that may occur up to air speed of 20 m/s. Class A2 material to DIN 4102 is enveloped by bend galvanized metal sheet.
- Outer case is made of galvanized sheet, enveloped by standard base flanges with resistance flanges at the corners.
- AL THERM solutions appropriate for your special requirements are offered.

$\Delta p = 50$ Pa basınç düşümüne göre Seçim Tablosu Volume Flow Rate at $\Delta p = 50$ Pa							
Kulis Sayısı Number of Splitters n	Genişlik Width B (mm)	Yükseklik Height H (mm)	Ses sönümleme De (250 Hz) (dB) Insertion loss De at 250 Hz (dB)				
			10	18	27	35	41
			Uzunluk / Lenght L (mm)				
			500	1000	1500	2000	2400
Hava Debisi / Volume flow rate (m3/h)							
1	150	300	700	610	550	505	470
		600	1,410	1,240	1,120	1,030	960
		900	2,120	1,870	1,695	1,560	1,455
2	300	300	1,395	1,220	1,100	1,010	935
		600	2,815	2,480	2,245	2,065	1,920
		900	4,240	3,745	3,390	3,120	2,905
3	450	300	2,090	1,830	1,650	1,510	1,405
		600	4,225	3,720	3,365	3,095	2,880
		900	6,360	5,615	5,085	4,680	4,360
4	600	300	2,785	2,440	2,200	2,015	1,870
		600	5,630	4,965	4,490	4,125	3,840
		900	8,480	7,490	6,780	6,240	5,810
5	750	300	3,480	3,050	2,750	2,520	2,340
		600	7,040	6,200	5,610	5,160	4,800
		900	10,600	9,360	8,475	7,800	7,265
6	900	300	4,180	3,660	3,300	3,025	2,810
		600	8,450	7,445	6,730	6,190	5,760
		900	12,720	11,230	10,170	9,360	8,715
7	1050	300	4,875	4,270	3,850	3,530	3,280
		600	9,855	8,685	7,850	7,220	6,720
		900	14,840	13,100	11,860	10,920	10,170
8	1200	300	5,570	4,880	4,395	4,030	3,745
		600	11,265	9,925	8,975	8,250	7,680
		900	16,960	14,975	13,560	12,480	11,620
Hava yolundaki Hava hızı (m/s) Air velocity in the airway (m/s)			13	11.5	10.4	9.6	8.9

Δp = 50 Pa basınç düşümüne göre Seçim Tablosu Volume Flow Rate at Δp = 50 Pa							
Kulis Sayısı Number of Splitters n	Genişlik Width B (mm)	Yükseklik Height H (mm)	Ses sönümleme De (250 Hz) (dB) Insertion loss De at 250 Hz (dB)				
			12	22	32	42	47
			Uzunluk / Lenght L (mm)				
			500	1000	1500	2000	2400
Hava Debisi / Volume flow rate (m3/h)							
1	300	300	1,360	1,255	1,175	1,110	1,050
		600	2,740	2,555	2,405	2,280	2,175
		900	4,120	3,855	3,640	3,455	3,300
2	600	300	2,710	2,510	2,350	2,220	2,105
		600	5,470	5,110	4,810	4,560	4,350
		900	8,235	7,710	7,280	6,910	6,590
		1200	11,000	10,315	9,745	9,260	8,840
		1500	13,765	12,920	12,210	11,610	11,085
3	900	1800	16,530	15,520	14,680	13,955	13,335
		300	4,060	3,765	3,525	3,330	3,160
		600	8,210	7,665	7,220	6,840	6,520
		900	12,355	11,570	10,920	10,365	9,890
		1200	16,500	15,470	14,615	13,890	13,260
4	1200	1500	20,645	19,380	18,315	17,410	16,630
		1800	24,795	23,280	22,015	20,935	20,000
		300	5,415	5,020	4,700	4,435	4,210
		600	10,940	10,220	9,625	9,120	8,690
		900	16,470	15,425	14,555	13,820	13,180
5	1500	1200	22,000	20,630	19,490	18,515	17,675
		1500	27,530	25,835	24,420	23,215	22,170
		1800	33,060	31,040	29,350	27,915	26,670
		300	6,770	6,275	5,875	5,545	5,260
		600	13,680	12,775	12,030	11,405	10,865
6	1800	900	20,590	19,280	18,195	17,270	16,480
		1200	27,500	25,785	24,360	23,145	22,095
		1500	34,410	32,295	30,525	29,020	27,715
		1800	41,320	38,800	36,690	34,890	33,335
		300	8,120	7,530	7,050	6,650	6,315
7	2100	600	16,415	15,330	14,440	13,685	13,040
		900	24,705	23,140	21,830	20,730	19,775
		1200	33,000	30,945	29,230	27,775	26,515
		1500	41,290	38,750	36,630	34,820	33,255
		1800	49,585	46,560	44,030	41,870	40,000
8	2400	300	9,475	8,785	8,225	7,760	7,370
		600	19,150	17,885	16,845	15,965	15,210
		900	28,825	26,990	25,470	24,180	23,070
		1200	38,500	36,100	34,100	32,400	30,935
		1500	48,175	45,210	42,730	40,625	38,800
9	3000	1800	57,850	54,320	51,370	48,850	46,670
		300	10,830	10,040	9,400	8,870	8,420
		600	21,885	20,440	19,250	18,245	17,380
		900	32,940	30,850	29,110	27,635	26,365
		1200	44,000	41,260	38,975	37,030	35,350
10	3600	1500	55,060	51,670	48,840	46,430	44,340
		1800	66,115	62,080	58,705	55,825	53,330
		2100	77,170	72,420	68,540	65,100	62,250
Hava yolundaki Hava hızı (m/s) Air velocity in the airway (m/s)			12.8	12	11.3	10.8	10.3

