



FİTA TEKNİK

1952'den Beri / Since 1952

KARE ANEMOSTAT / CEILING DIFFUSER

Made in Türkiye



CD
Standart Kanatlı Kare Anemostat
Ceiling Diffuser With Standard Blades



Kare Anemostat ve Yandan Boğazlı
Plenum Kutusu
Ceiling Diffuser and Plenum Box With
Side Entry

Kare anemostatlar, yüksek konfor gerektiren mahallerden dönüş havasını emmek veya mahale taze hava sağlamak için kullanılır. Çerçeve, göbek ve tercihe göre zıt kanatlı damperlerden oluşur.

Havalandırma sisteminden sağlanan taze hava, mahale standart olarak dört yönlü kanatlar ile yönlendirilir. Kare anemostatlar, isteğe bağlı olarak bir, iki ve üç yönlü kanatlar ile de üretilebilir.

Özel olarak haddelenmiş 6063 alüminyum profilden imal edilir. Uygulanacak elektrostatik toz boya, müşteri talebine göre, RAL kataloğundan seçilecek kod ile belirlenir. RAL 9010 ve RAL 9016 AR-GE ekibimiz tarafından belirlenmiş standart renklerdir.

Standart montaj yöntemleri vidalıdır. Mimari tercihe göre, mandallı montaj yöntemiyle, çerçevede delik açılmadan üretilebilir. Karolaj tavanlarda kullanılmaları da mümkündür.

İsteğe göre, üstten veya yandan boğazlı bağlantı kutuları ile birlikte temin edilebilir. Bağlantı kutuları içten veya dıştan kauçuk izolasyon malzemeleri ile kaplanabilir.

Ceiling Diffusers are used to supply fresh air to or absorb return air from environments with high comfort level requirements. They consist of frames, cores, and optional opposed blade dampers.

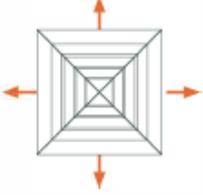
They direct the fresh air from air conditioning system to the environment with four way blades as a standard. They may be manufactured with one, two or three way blades optionally.

They are manufactured from specially extruded 6063 aluminium profiles. The color of the electrostatic powder coating applied, selected by the customer's request. RAL 9010 and RAL 9016 have been determined as standard colors from our R&D team.

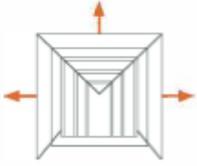
As a standard, they are fixed with screws. If architectural preferences require, they can be manufactured without holes on the frame and fixed with concealed screws. They can also be integrated with suspended ceilings.

Optionally, plenum boxes with side or top entries can be supplied to be used with ceiling diffusers. Plenum Boxes can be coated with rubber foam insulation material.

YÖNLER
DIRECTIONS



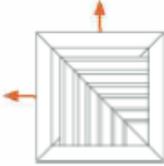
4 YÖNLÜ - 4 WAY



W3-1
3 YÖNLÜ - 3 WAY



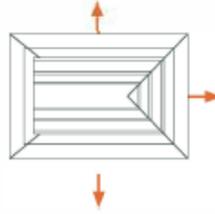
W2-1
2 YÖNLÜ - 2 WAY



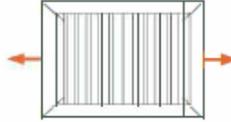
W2-4
2 YÖNLÜ - 2 WAY



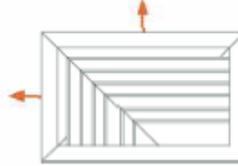
W1-1
1 YÖNLÜ - 1 WAY



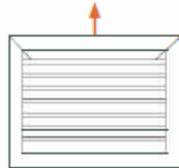
W3-2
3 YÖNLÜ - 3 WAY



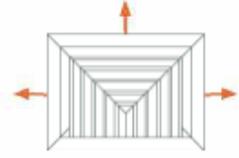
W2-2
2 YÖNLÜ - 2 WAY



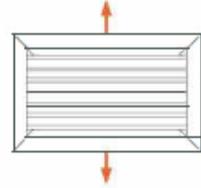
W2-5
2 YÖNLÜ - 2 WAY



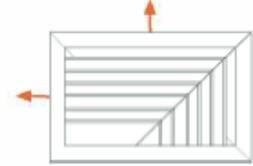
W1-2
1 YÖNLÜ - 1 WAY



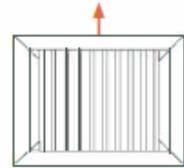
W3-3
3 YÖNLÜ - 3 WAY



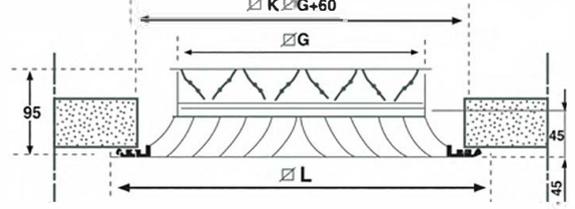
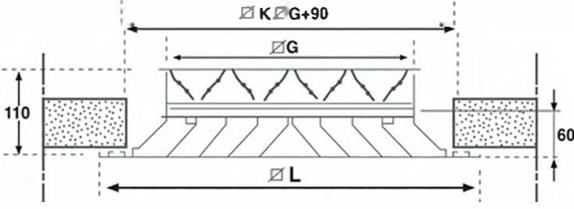
W2-3
2 YÖNLÜ - 2 WAY



W2-5
2 YÖNLÜ - 2 WAY



W1-3
1 YÖNLÜ - 1 WAY



G (mm)	K (mm)	L (mm)
150 * 150	240	295
225 * 225	315	370
300 * 300	390	445
375 * 375	465	520
450 * 450	540	(Clip-in) * 600 595
525 * 525	615	670
600 * 600	690	745

$\varnothing G$ (mm)	$\varnothing K$ (mm)	$\varnothing L$ (mm)
100 * 100	160	218
150 * 150	210	268
200 * 200	260	318
250 * 250	310	368
300 * 300	360	418
350 * 350	410	468
400 * 400	460	518
450 * 450	510	568
500 * 500	560	618
477 * 477	537	* 595 * 600
550 * 550	610	668
600 * 600	660	700

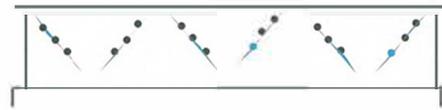
* İşaretliler T profil veya özel taşımalı tip asma tavan sistemi için özel çerçevelidir.

Has a special type frame for T profile or special type ceiling system.

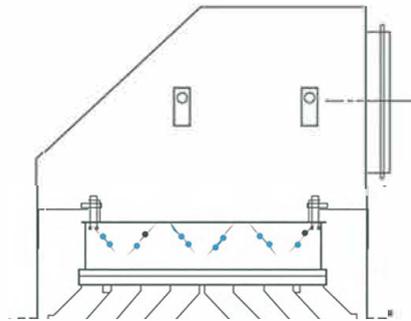
* İşaretliler T profil veya özel taşımalı tip asma tavan sistemi için özel çerçevelidir.

Has a special type frame for T profile or special type ceiling system.

AKSESUARLAR ACCESSORIES

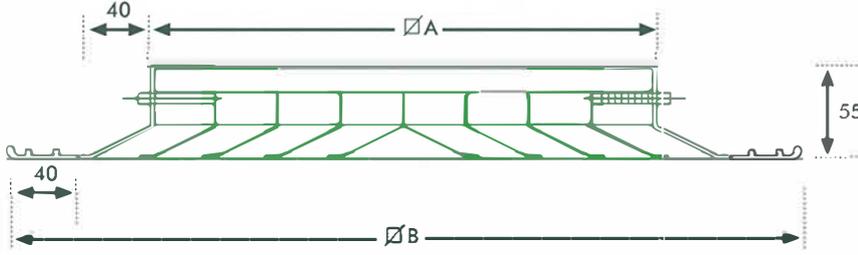


Anemostat Damperi
Diffuser Damper



Bağlantı Kutusu

Plenum Box

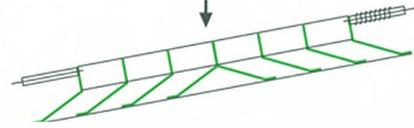
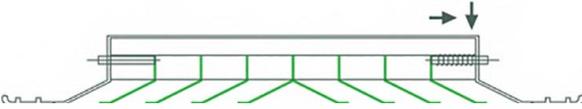


Montaj kolaylığı için göbek çıkarılabilir.

The core can be detached to provide easy installation.

Ayarlı veya sabit kanatlı olabilir. Doğrusal kanat profilinden imal edilmiştir. Hava ayarı için damper ilavesi yapılabilir. Plenum kutusu ile kullanılabilir, kutu izolasyonlu imal edilebilir.

May either with adjustable or stable blade. It is produced of linear blade profile. For air adjustable damper may be added. May be used with plenum box and may be produced with box insulation.



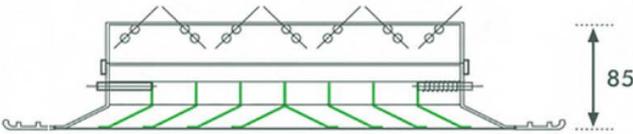
STANDART ÖLÇÜLER | STANDARD DIMENSIONS

Ø A	150	225	300	375	450	525	650
Ø B	310	386	460	536	610	686	780

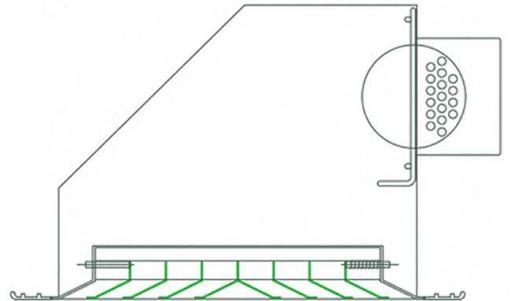
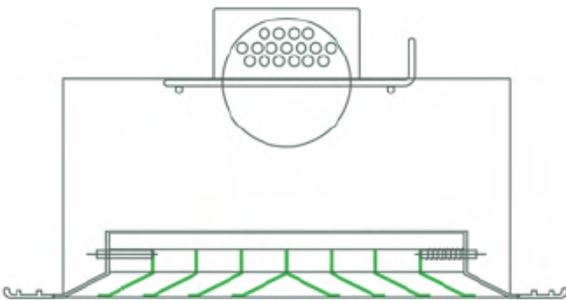


DAMPER İLAVESİ / DAMPER ADDITION

ZİT KANATLI DAMPER / OPPOSED BLADE DAMPERS



KLAPELİ DEBİ AYARI / FLOW ADJUSTMENT WITH FLAP



Boğaz Ölçüsü G [mm] Neck sizes	Çevre Ölçüsü L [mm] Frame sizes	Serbest Alan [m²] Free Area	ALÜMİNYUM KARE TAVAN DİFÜZÖRLERİNİN SEÇİM TABLOSU ALUMINIUM SQUARE CEILING DIFFUSERS SELECTION TABLE										
			Boğazdaki hava hızı Neck velocity	m/s	1,0	1,5	2,0	2,5	3,0	3,5	4,0	4,5	
150 X 150	295 X 295	0.0164	Hava miktarı	Air Flow Rate	m³/h	85	128	170	213	255	298	340	383
			Atış mesafesi	Throw distance m.	min.	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7
			Statik Basınç	Static pressure	mmWC	0,5	1,0	1,7	2,5	3,5	4,9	6,0	7,6
225 X 225	370 X 370	0.0297	Hava miktarı	Air Flow Rate	m³/h	190	286	381	476	571	666	762	857
			Atış mesafesi	Throw distance m.	min.	0,6	0,9	1,2	1,5	1,8	2,1	2,7	2,7
			Statik Basınç	Static pressure	mmWC	0,5	1,0	1,7	2,5	3,5	4,9	6,0	7,6
300 X 300	445 X 445	0.0463	Hava miktarı	Air Flow Rate	m³/h	340	510	680	850	1.020	1.190	1.360	1.530
			Atış mesafesi	Throw distance m.	min.	0,6	1,2	1,5	1,8	2,1	2,4	3,0	3,3
			Statik Basınç	Static pressure	mmWC	0,5	1,0	1,7	2,5	3,5	4,9	6,0	7,6
375 X 375	520 X 520	0.0902	Hava miktarı	Air Flow Rate	m³/h	530	796	1.061	1.326	1.591	1.856	1.122	2.387
			Atış mesafesi	Throw distance m.	min.	0,9	1,2	1,5	2,1	2,4	3,0	3,3	3,6
			Statik Basınç	Static pressure	mmWC	5	1,0	1,7	2,5	3,5	4,9	6,0	7,6
450 X 450	585 X 585 595 X 595 600 X 600	0.0665	Hava miktarı	Air Flow Rate	m³/h	765	1.148	1.530	1.913	2.295	2.678	3.060	3.443
			Atış mesafesi	Throw distance m.	min.	0,9	1,2	1,5	2,1	2,7	3,0	3,6	3,9
			Statik Basınç	Static pressure	mmWC	0,5	1,0	1,7	2,5	3,5	4,9	6,0	7,6
525 X 525	670 X 670	0.1174	Hava miktarı	Air Flow Rate	m³/h	1.040	1.561	2.081	2.600	3.121	3.641	4.162	4.682
			Atış mesafesi	Throw distance m.	min.	0,9	1,2	1,8	2,1	2,7	3,3	3,9	4,2
			Statik Basınç	Static pressure	mmWC	0,5	1,0	1,7	2,5	3,5	4,9	6,0	7,6
600 X 600	745 X 745	0.1481	Hava miktarı	Air Flow Rate	m³/h	1.360	2.040	2.720	3.400	4.080	4.760	5.440	6.120
			Atış mesafesi	Throw distance m.	min.	0,9	1,5	1,8	2,1	3,0	3,3	3,9	4,5
			Statik Basınç	Static pressure	mmWC	0,5	1,0	1,7	2,5	3,5	4,9	6,0	7,6

- Alanı kare difüzör alanına eşit olan difüzörler de aynı tablodan seçilir.
- Rectangular diffusers with the same sizes with ceiling diffusers are also selected with this diagram.

 GÜRÜLTÜ ŞİDDETİ YAKLAŞIK OLARAK 20 dB'İN ALTINDADIR.
SOUND POWDER LEVEL NOT EXCEEDING 20 dB

 GÜRÜLTÜ ŞİDDETİ 30 dB'İN ALTINDADIR.
SOUND POWDER LEVEL NOT EXCEEDING 30 dB

 GÜRÜLTÜ ŞİDDETİ YAKLAŞIK OLARAK 40 dB'İN ALTINDADIR.
SOUND POWDER LEVEL NOT EXCEEDING 40 dB

 GÜRÜLTÜ ŞİDDETİ 40 dB'İN ÜSTÜNDEDİR.
SOUND POWDER LEVEL EXCEEDING 40 dB

İLETİŞİM / CONTACT

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