Çatı Tipi Aspiratörler
Centrifugal Roof Extracts

genkaklima®

HEATING I VENTILATING I AIR CONDITIONING

CE TSEK ISO 9001:2015

ÇATI TİPİ ASPİRATÖRLER
CENTRIFUGAL ROOF EXTRACTS

Etkili egzoz uygulamaları için imal edilen GEN-CAD serisi çatı tipi aspiratörler endüstriyel tesisler dahil olmak üzere, mutfak, fabrika,depo,hangar,konut egzost uygulamaları gibi birçok farklı alanda kullanılabilmektedir. Aerodinamik kanatlar ve yüksek teknolojili yeni nesil motorlar sayesinde düşük ses / yüksek performans seviyelerine sahip olan GEN-CAD serisi çatı tipi aspiratörler yüksek verimli, kompakt, uzun ömür ve yüksek dayanım özelliğine sahiptir.

Termik kontaktlara sahip olan motorlar aşırı ısınmaya karşı kendilerini korumaya alarak kalıcı hasarların ortaya çıkmasını önler. Estetik tasarımı sayesinde bina mimarisine uyum sağlayarak projelere görsel değer katar. GEN-CAD serisi mekanik aksamı olan direkt akuple fan-motor grubu sayesinde bakım gerektirmeyen ve uzun ömürlü bir dizayna sahiptir.

The aerodynamic blades and high tech motor systems provides the GEN-CAD roof type exhaust fans to run in low sound levels and high performance which allows these units to be used in almost all applications such as kitchens, industrial facilities, warehouses, hangars, regular buildings. GENKA centrifugal roof extract units have been designed to be high in efficiency, compact, have long life&durability and receive the upmost effect on exhausting.

The thernal contacts available in motor systems protect the motors from overheating which prevents permanent damages to the motors. Due to the structural design of these units, the buildings architectural integrity will not be effected but also will be an added value to the project. The mechanical side of the units that are formed by fan and motor are directly coupled to each other providing a serviceless operation.

Etkili bir emiş için imal edilen çatı tipi aspiratörler 500-10.000 m³/h hava ve 0-40 mmSS basınç performansları aralıklarında geniş model olanakları ile optimum seçimler yapılabilmektedir.

Yatay atış sistemine sahip olan GEN-CAD serisi aspiratörler, dış hava koşullarından minimum seviyede etkilenecek şekilde dizayn edilmiştir.

The production range for roof type exhaust units 500-10.000 m³/h air and 0-40 mmWG pressure rates allow to select the units from a wide variety of product capacity range.

The GEN-CAD series exhaust fans are designed to have a horizontal air outlet. Which provides minimum impact from the harsh outdoor conditions.

TEKNİK ÖZELLİKLER

GÖVDE

GEN-CAD serisi çatı tipi aspiratörlerin gövdesi galvanize sacdan imal edilerek elektrostatik toz boya prosesinden geçirilmektedir. Özel şekillendirilmiş ve yine elektrostatik toz boya prosesinden geçirilmiş alüminyum muhafaza kapağı ile korunan gövde, çevre şartlarından etkilenmeyecek, paslanmaya karşı güvenli ve dayanıklı bir yapıya sahiptir.

MOTOR-FAN GRUBU

Tek emişli, geriye eğik kanatlı vantilatör; statik ve dinamik balansı alınmış olup standart olarak 230-380V/50Hz monofaze-trifaze F izolasyon sınıfına sahip elektrik motorları ile direk akupleli, titreşimsiz ve sessiz bir sistem oluşturacak şekilde üretilmektedir.

Çatı tipi aspiratörler direkt emişli olarak veya kanala bağlanabilir özellikte dizayn edilmiştir.

TECHNICAL SPECIFICATION

BODY

The body material is galvanized steel electrostatically powder painted. The body is covered with specially shaped aluminum cover which is also electrostatically painted providing a rust proof, robust construction. The unit is designed such that it would not be effected from the outdoor weather conditions.

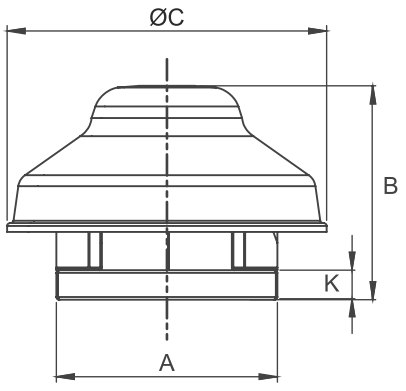
MOTOR- FAN GROUP

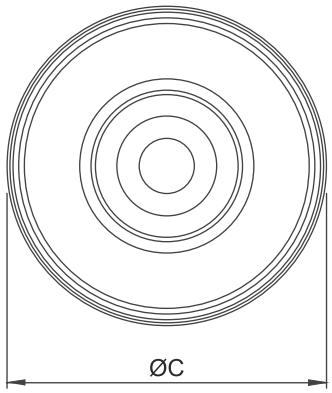
Single inlet centrifugal fans with backward curved blades are statically and dynamically balanced and directly driven by 230-380V/3/50Hz, F insulation class motors with minimal vibration and low sound levels as a standard application.

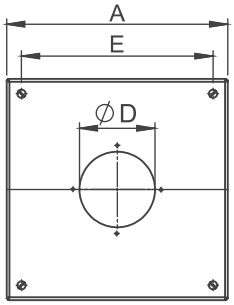
The centrifugal roof extracts are designed to be either connected directly to the shaft or to a duct system as shown in related scheme.

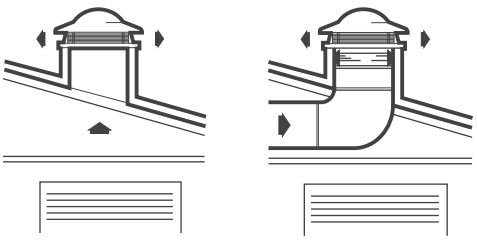
BOYUT VE AĞIRLIK TABLOSU / *DIMENSIONS AND WEIGHTS*

MODEL	A (mm)	B(mm)	ØC(mm)	ØD(mm)	E(mm)	K(mm)	Kg
GEN-CAD 10	400	425	585	260	350	50	18
GEN-CAD 20	400	425	585	270	350	50	19
GEN-CAD 30	400	425	585	270	350	50	20
GEN-CAD 40	500	470	830	390	445	50	21
GEN-CAD 50	500	470	830	390	445	50	22
GEN-CAD 60	600	700	830	390	545	50	32
GEN-CAD 70	600	700	830	390	545	50	35
GEN-CAD 80	700	760	950	420	645	50	45
GEN-CAD 100	750	760	950	450	645	50	70



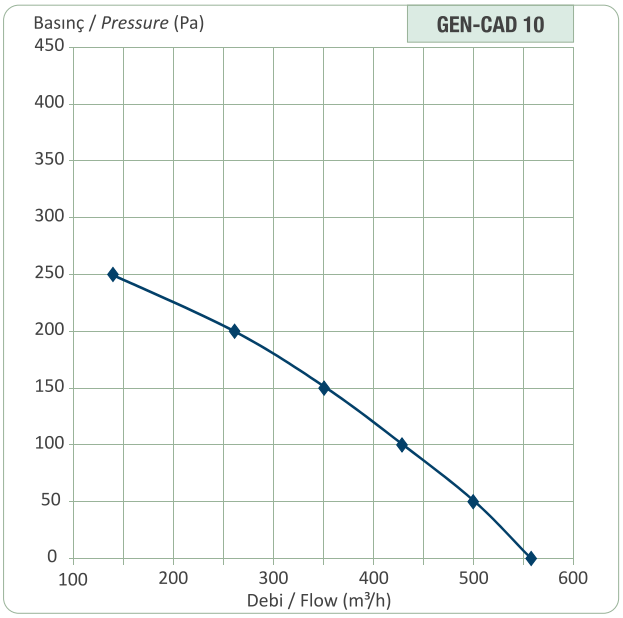


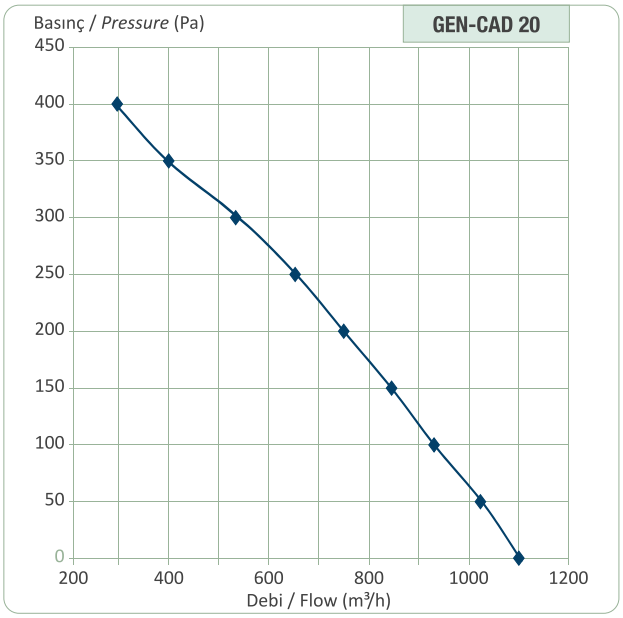


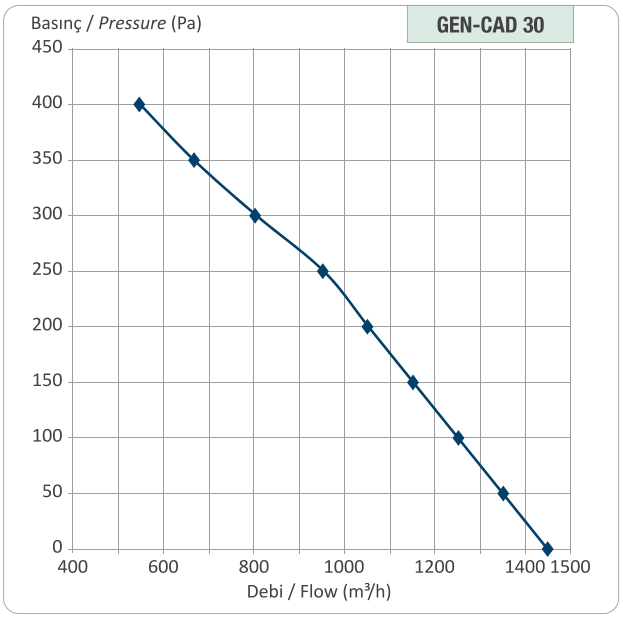


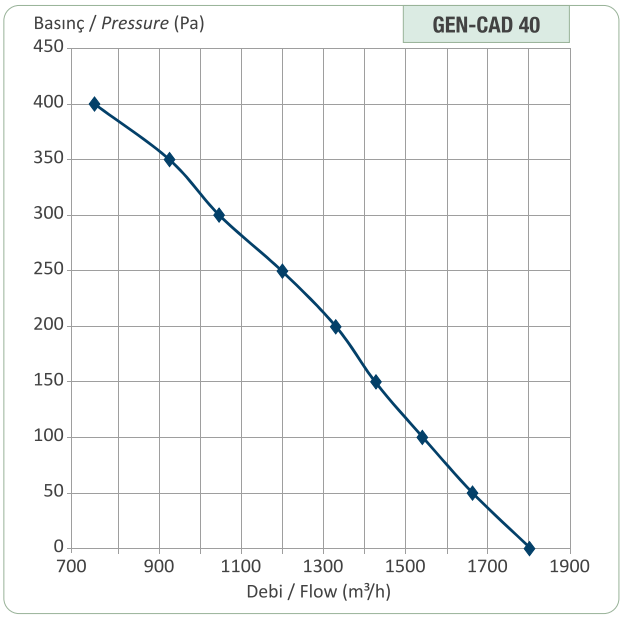
KAPASİTE TABLOSU / *CAPACITY TABLE*

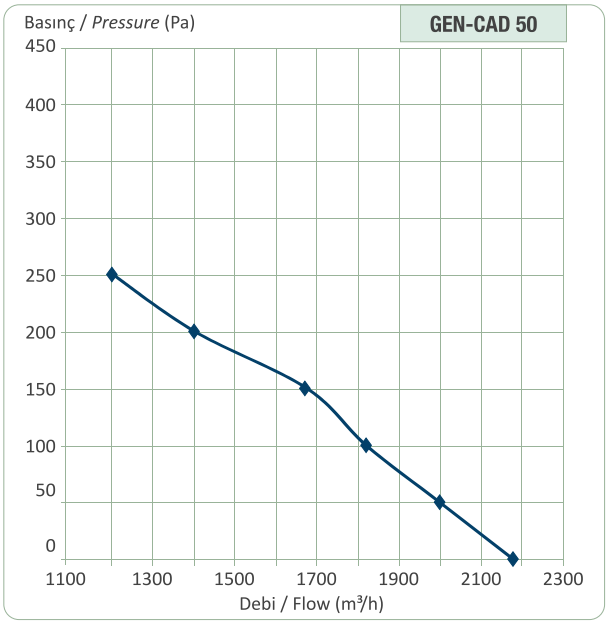
MODEL		GEN-CAD 10	GEN-CAD 20	GEN-CAD 30	GEN-CAD 40	GEN-CAD 50	GEN-CAD 60	GEN-CAD 70	GEN-CAD 80	GEN-CAD 100
Gücü / *Power*	watt	70	150	200	250	220	560	830	1560	1800
Güç Girişi / *Power Input*	V/Ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	380/3/50	380/3/50
Devir / *Speed*	rpm	2450	2600	2600	2500	1360	1350	1340	1330	1250
Kondansatör / *Capacitor*	µF	2	4	6	8	6	10	14	-	-
Ses Seviyesi / *Sound Level*	db(A)	49	50	54	57	55	56	64	67	69
	Debi / *Flow* (m³/h)									
Basınç *Pressure* (Pa)	0	550	1100	1450	1800	2180	4100	5600	7400	10310
	50	495	1020	1350	1660	2000	3800	5400	7200	9800
	100	425	920	1250	1540	1820	3550	5150	7000	9200
	150	350	830	1150	1425	1675	3450	4950	6700	8800
	200	260	730	1050	1330	1400	3200	4620	6400	8200
	250	140	630	950	1200	1200	2800	4375	6100	7600
	300		510	800	1050		2400	3900	5900	7300
	350		400	660	930		2000	3450	5500	7000
	400		250	540	750		1600	3000	5200	6700

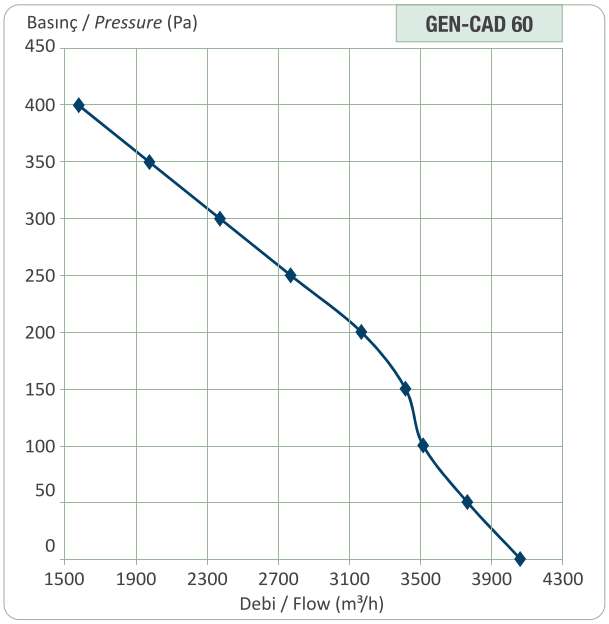


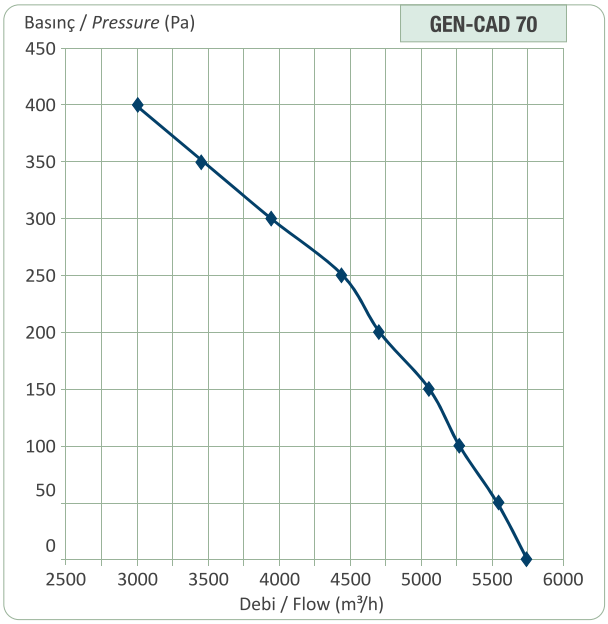


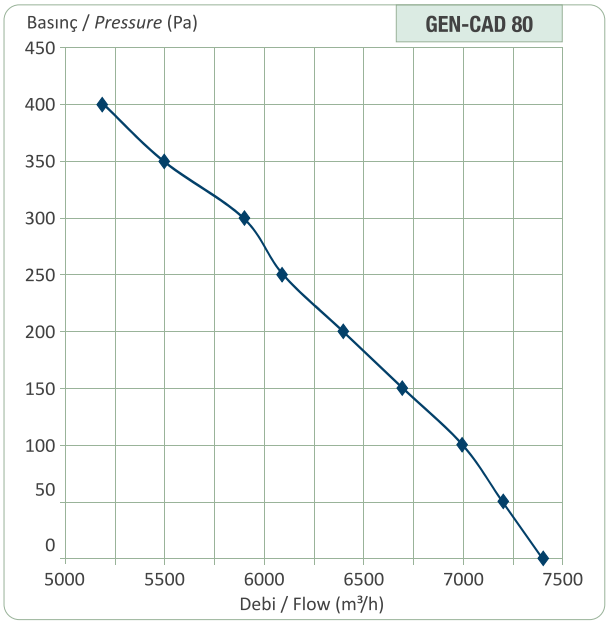


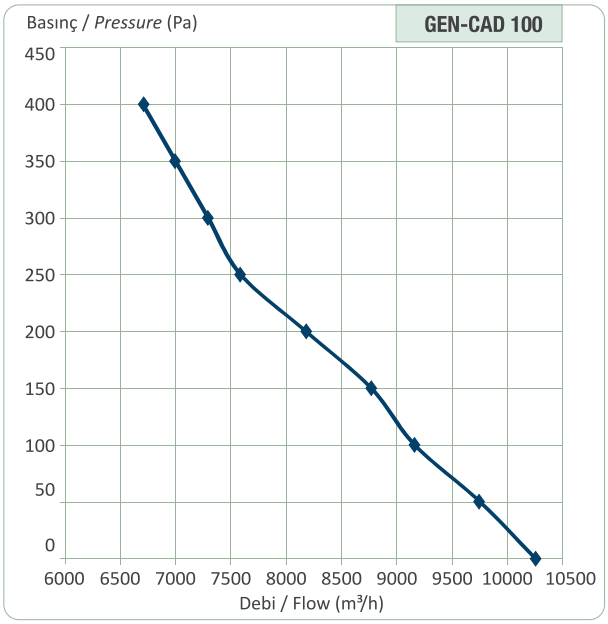



GEN-CAD 50
Basınç / Pressure (Pa)
450
400
350
300
250
200
150
100
50
0
1100 1300 1500 1700 1900 2100 2300
Debi / Flow (m³/h)


GEN-CAD 60
Basınç / Pressure (Pa)
450
400
350
300
250
200
150
100
50
0
1500 1900 2300 2700 3100 3500 3900 4300
Debi / Flow (m³/h)


GEN-CAD 70
Basınç / Pressure (Pa)
450
400
350
300
250
200
150
100
50
0
2500 3000 3500 4000 4500 5000 5500 6000
Debi / Flow (m³/h)


GEN-CAD 80
Basınç / Pressure (Pa)
450
400
350
300
250
200
150
100
50
0
5000 5500 6000 6500 7000 7500
Debi / Flow (m³/h)


GEN-CAD 100
Basınç / Pressure (Pa)
450
400
350
300
250
200
150
100
50
0
6000 6500 7000 7500 8000 8500 9000 9500 10000 10500
Debi / Flow (m³/h)

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