

## Radial Centrifugal

**DÜNDAR®**  
havanın olduğu her yerde.

CA Series

### Fan Body and Propeller

Strong body structure, produced by aluminum injection method,  
High resistance against corrosion with the environment friendly electrostatic epoxy powder coating  
Forwards curved galvanized impellers and dynamically balanced, according to ISO 1940 standard,  
High pressure and flow-rate values with the nozzle application on the suction mouth,  
Air entrance area is protected with wire mesh fence or with flow-rate control damper,  
in order to prevent the entry of foreign objects inside the fan. \*

\* Special productions upon request.

IP 44

### Motor.

Top quality manufacturing by CNC machines of high technology without human touch,  
High-efficiency with external rotor motor  
Long lifespan ball-bearings equipped with the rotor, balanced according to the standards of ISO 1940,  
High operation range for coils of isolation class F is between -40° and +70°,\*\*  
Monophase Fan motor of 230 V / 50 Hz,  
Components certified and conformed with the standards,  
Protection Class: IP 44,

\* The above operation range is given only for the coils.  
Operation range for the motor is between -20° and +45°.  
Please contact us for the other options.



### Fields of Use:

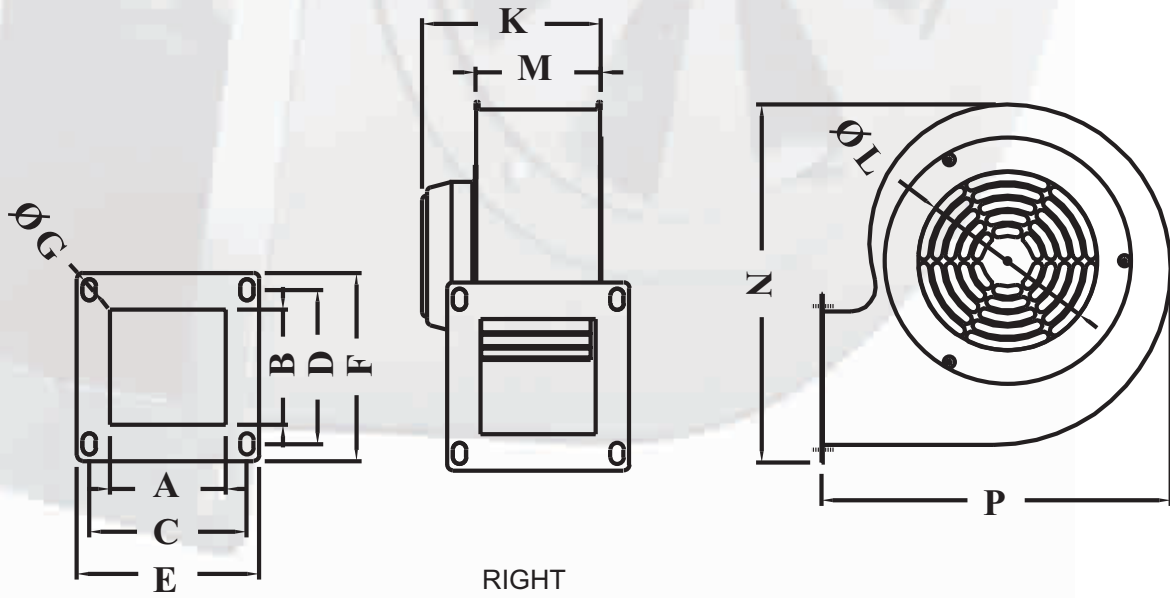
In the channel applications, where pressures and flow-rates of the axial fans are insufficient,  
In the heating boilers with solid fuels,  
To discharge the hot air out of the areas, where air temperature is too high,  
- Warehouses, storerooms and depot areas,  
- Garage and public buildings and agricultural buildings,  
- Commercial greenhouses,  
- Large workshops,  
- Dye-houses,  
- Factories,  
- Dusty and vaporous environments,  
- To cool the industrial machines (such as welding machines, transformers, compressors..)\*

\* Special productions upon request.

## Technical Data

MODEL	Volt ( V )	r.p.m.	W	MAX.		dB (A)
				m <sup>3</sup> /h	mm H <sub>2</sub> O	
CA 12 2E	230 V~50 Hz.	2600	90	290	30	56
CA 14 2E	230 V~50 Hz.	2600	120	500	44	60
CA 16 2E	230 V~50 Hz.	2600	210	700	52	65
CA 16 4E	230 V~50 Hz.	1375	80	350	42	52

## Dimensions



### Important Information:

Product data and technical values may vary according to the operation location and conditions. All of the data given herein have been measured according to standards of TSE and EC norms. Noise level measurements have been taken at a distance of 1,5 m from the related product. The recommended lifespan is 10 years.

All of our products are certified with the guaranty certificate approved by the Ministry of Industry. Guaranty period is 2 years.

	A	B	C	D	E	F	ØG	K	ØL	M	N	P	Package Dimensions	Package Pcs	Gross Weight
CA 12.2	84	57	112	86	128	108	Ø 6,5	120	102	91	193	202	330 x 465 x 250	4	3,0
CA 14.2	84	82	112	109	128	134	Ø 9,5	125	117	91	240	225	325 x 510 x 280	4	3,8
CA 16.2	84	82	112	104	128	134	Ø 9,5	95	127	91	263	230	330 x 555 x 300	4	4,0

Dimensions are in mm .

**CA Series**

**Performance Curves**

Q= Air Volume (m<sup>3</sup>/h)

Pa= Static Pressure (Pa ve mmH<sub>2</sub>O)

