

## DUST FANS

### Fan Body and Propeller

Radial body made of high-quality cold-drawn steel sheet DKP,  
High resistance against corrosion with the environment friendly electrostatic epoxy powder coating  
Radial dust 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.

### Motor

Top quality manufacturing by CNC machines of high technology without human touch,  
Motor body equipped with aluminum feathers having high thermal conduction capacity,  
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°,\*  
Thermal protection for the monophase fans,  
Monophase Fan motor of 230 V / 50 Hz,\*\*  
Triphase Fan motor of 380 V / 50 Hz,\*\*  
Components certified and conformed with the standards,  
Protection Class: IP 54 (It is also possible to produce in the protection class of IP 55)  
Inverter control (driver control) can be used on the triphase fans \*\*\*

*Motor equipped with cooling propeller for safe operation under heavy working conditions.*

\* 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.

\*\* Upon request, productions can also be provided in the various voltages and frequencies.

\*\*\* When driver will be used, please contact us for the operation interval.

IP 54

### Fields of Use:

In the environments, where the dirty and dusty air must be discharged,

In the channel applications, where pressures and flow-rates of the axial fans are insufficient,

- Warehouses, storerooms and depot areas,
- Carpenter workshops,
- Polishing machines,
- Dusty and vaporous environments,
- Dye-houses,
- Factories,
- To cool the industrial machines (such as welding machines, transformers, compressors..) \*

\* Special productions upon request.



### Radial Dust Fans

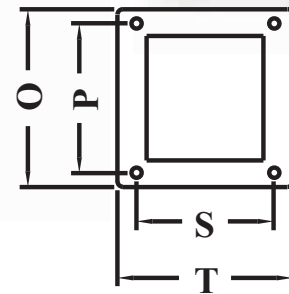
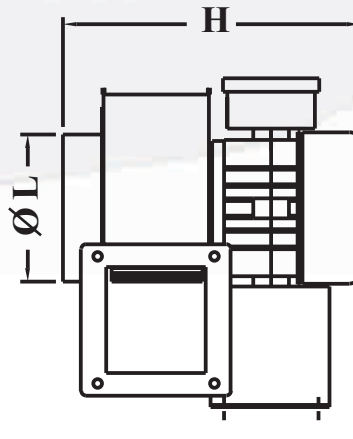
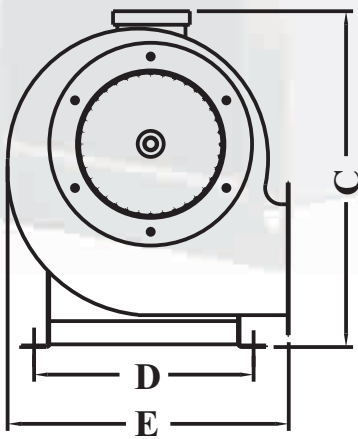


**Technical Data**

MODEL	Volt ( V )	r.p.m.	W	MAX.		dB (A)
				m <sup>3</sup> /h	mm H <sub>2</sub> O	
CM 16.2D	230 V~50 Hz.	2850	320	1000	45	60
CM 16.4D	230 V~50 Hz.	1480	110	550	15	48
CM 18.2D	230 V~50 Hz.	2750	470	1350	63	58
CM 18.4D	230 V~50 Hz.	1470	150	750	20	46
CM 21.2D	230 V~50 Hz.	2650	900	2150	96	70
CM 21.4D	230 V~50 Hz.	1460	270	1250	32	50
CT 16.2D	400 V~50 Hz.	2830	320	1000	45	60
CT 16.4D	400 V~50 Hz.	1480	150	550	15	48
CT 18.2D	400 V~50 Hz.	2730	430	1350	63	58
CT 18.4D	400 V~50 Hz.	1470	170	750	20	46
CT 21.2D	400 V~50 Hz.	2700	900	2150	98	70
CT 21.4D	400 V~50 Hz.	1460	260	1250	32	50



**Dimensions**



LEFT

**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.

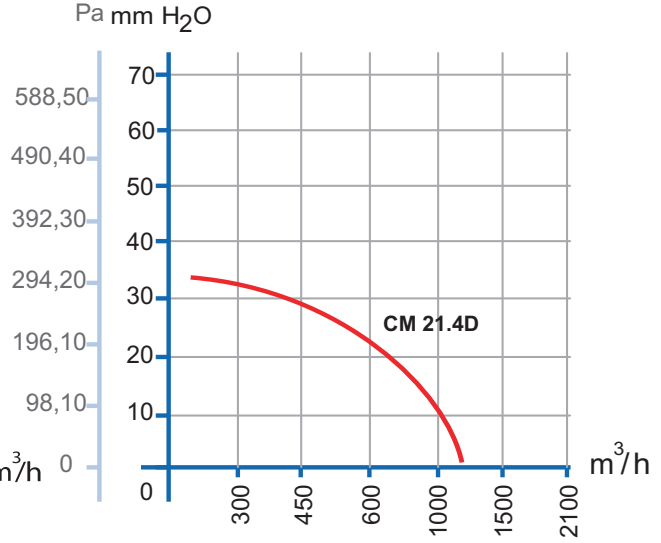
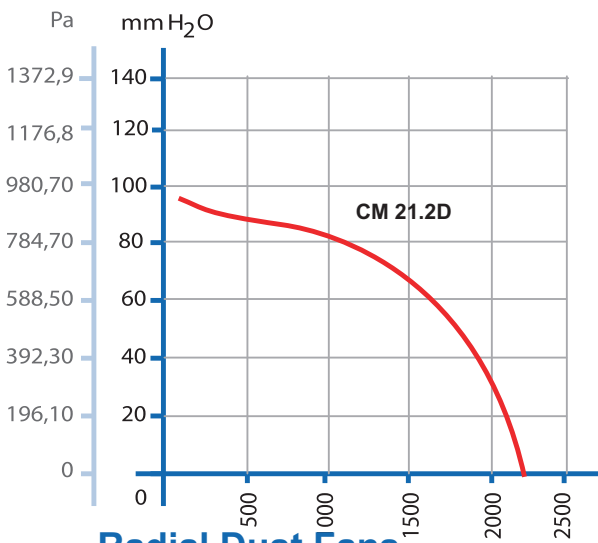
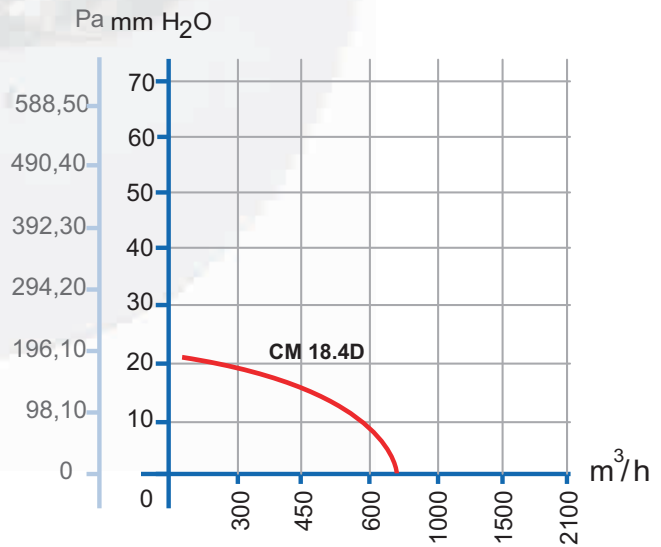
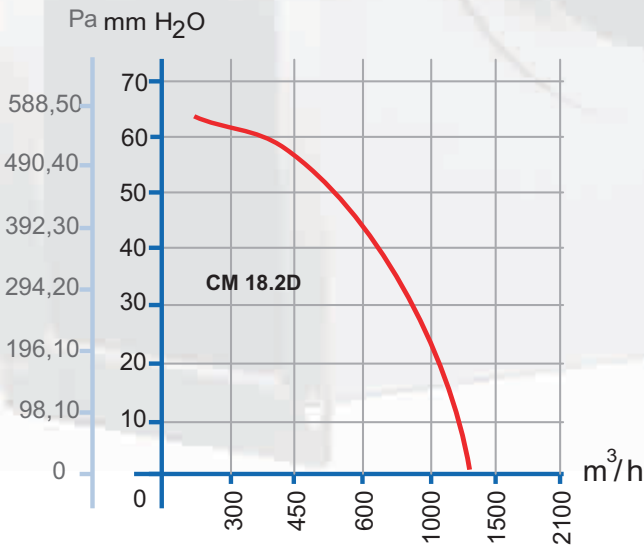
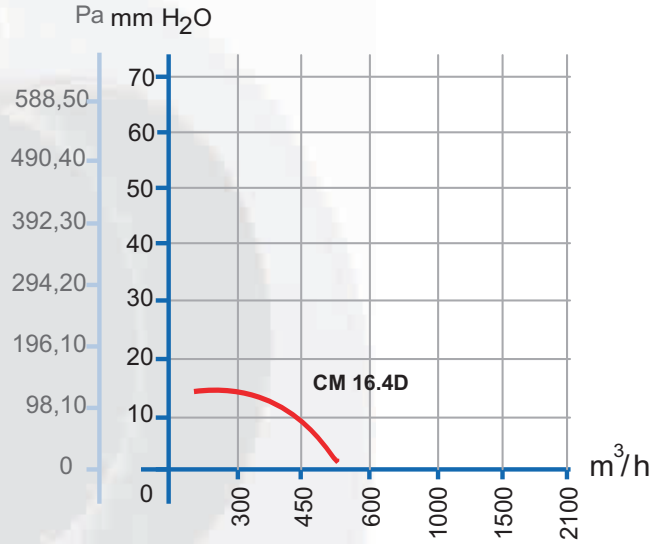
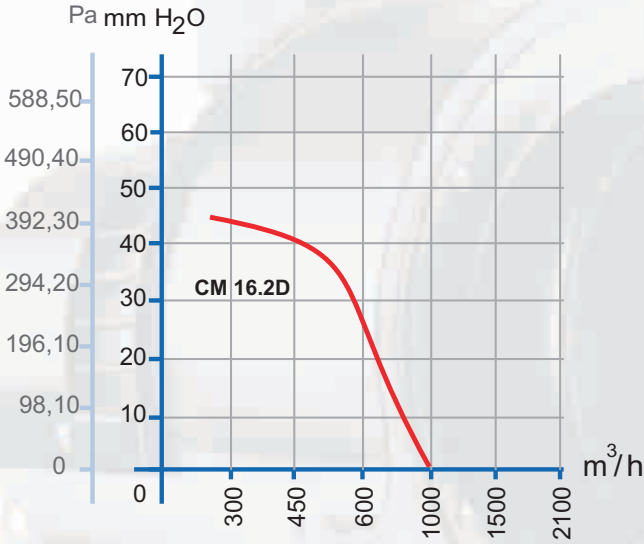
	C	D	E	H	ØL	O	P	S	T	Package Dimensions	Package Pcs	Gross Weight
CM-CT 16,2	310	180	280	300	142	144	111	130	144	295 x 310 x 345	1	8,0
CM-CT 16,4	310	180	280	300	142	144	111	130	144	295 x 310 x 345	1	7,8
CM-CT 18,2	312	180	280	345	167	144	111	130	144	295 x 310 x 345	1	10,1
CM-CT 18,4	312	180	280	300	167	144	111	130	144	295 x 310 x 345	1	10,1
CM-CT 21,2	420	265	360	360	198	224	200	150	169	360 x 360 x 450	1	13,7
CM-CT 24,4	420	265	360	360	198	224	200	150	169	360 x 360 x 445	1	13,7

Dimensions are in mm .

**CM / CT DUST FANS**

**Performance Curves**

Q= Air Volume (m<sup>3</sup> /h)  
Pa= Static Pressure (Pa ve mmH<sub>2</sub>O)



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