

HIGH TEMPERATURE RADIAL FANS

IP 54



Fan Body and Propeller

Ability to discharge the air of higher temperatures with the inter-cooling propeller, which prevent the heat transmission from the radial body to the motor,
Radial body made of high-quality cold-drawn steel sheet DKP,
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. *
Strong and well-shaped body structure equipped with the special clamp body connection,

* 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.

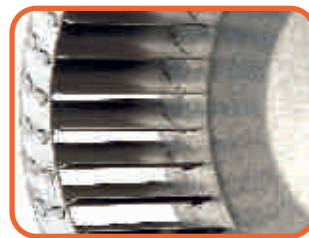
*** When driver will be used, please contact us for the operation interval.

Fields of Use:

Ability to discharge the air of higher temperatures with the inter-cooling propeller, which prevent the heat transmission from the radial body to the motor,



High Temperature Radial Fans

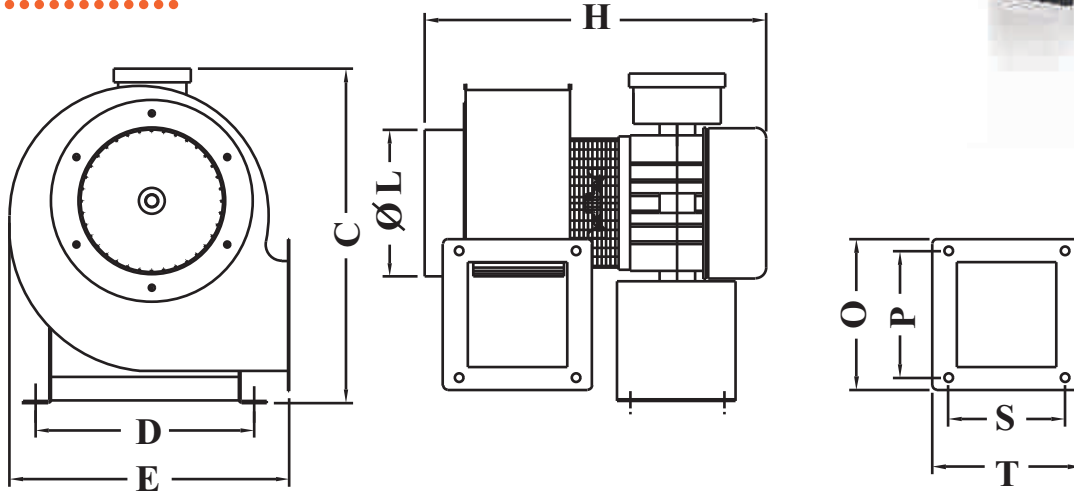


Technical Data

MODEL	Volt (V)	r.p.m.	W	MAX.		dB (A)
				m ³ /h	mm H ₂ O	
CM H 16.2	230 V~50 Hz.	2700	550	1500	73	70
CM H 16.4	230 V~50 Hz.	1460	140	750	20	57
CM H 18.2	230 V~50 Hz.	2650	800	1625	95	68
CM H 18.4	230 V~50 Hz.	1430	170	1000	27	63
CM H 21.2	230 V~50 Hz.	2700	1000	2500	140	83
CM H 21.4	230 V~50 Hz.	1390	385	1575	45	60
CT H 16.2	400 V~50 Hz.	2700	540	1500	73	70
CT H 16.4	400 V~50 Hz.	1470	210	750	20	57
CT H 18.2	400 V~50 Hz.	2770	890	1700	98	70
CT H 18.4	400 V~50 Hz.	1445	190	1100	29	64
CT H 21.2	400 V~50 Hz.	2700	1000	2500	140	83
CT H 21.4	400 V~50 Hz.	1430	440	1650	47	61



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.

	C	D	E	H	ØL	O	P	S	T	Package Dimensions	Package Pcs	Gross Weight
CM-CT H 16,2	310	180	280	350	142	140	111	130	145	295 x 355 x 345	1	9,8
CM-CT H 16,4	310	180	280	350	142	140	111	130	145	295 x 355 x 345	1	9,6
CM-CT H 18,2	312	180	280	395	167	140	111	130	145	360 x 360 x 450	1	12
CM-CT H 18,4	312	180	280	395	167	140	111	130	145	360 x 360 x 450	1	11,5
CM-CT H 21,2	420	265	360	410	198	220	200	150	169	350 x 355 x 430	1	12,5
CM-CT H 24,4	420	265	360	410	198	220	200	150	169	350 x 355 x 430	1	12,5

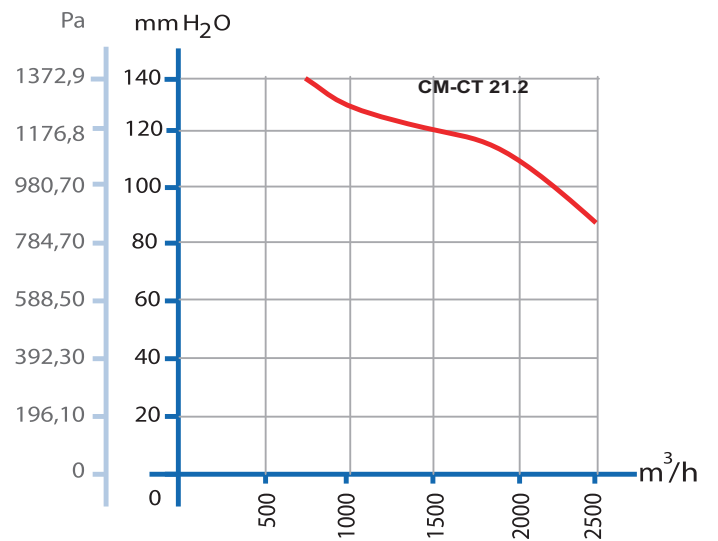
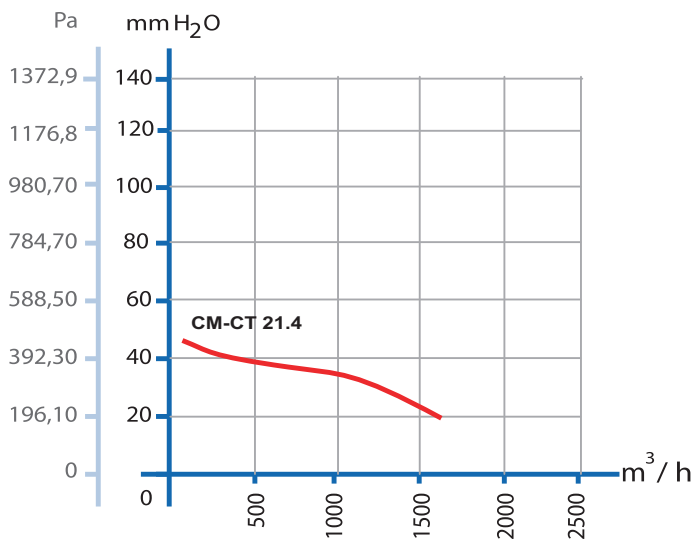
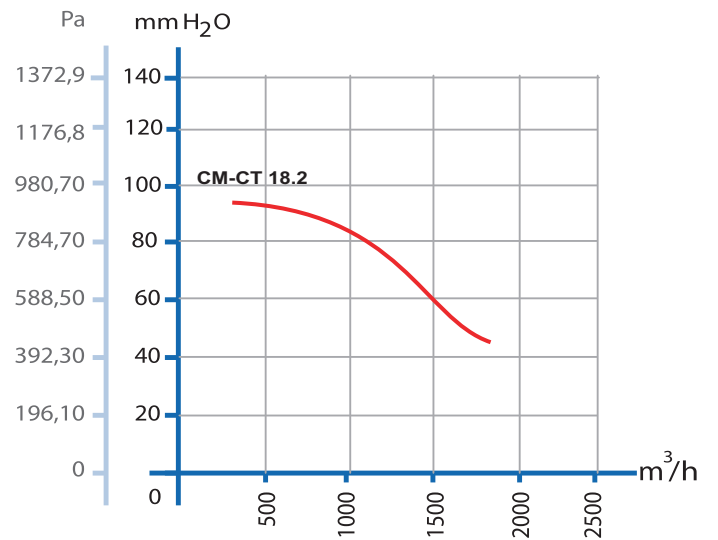
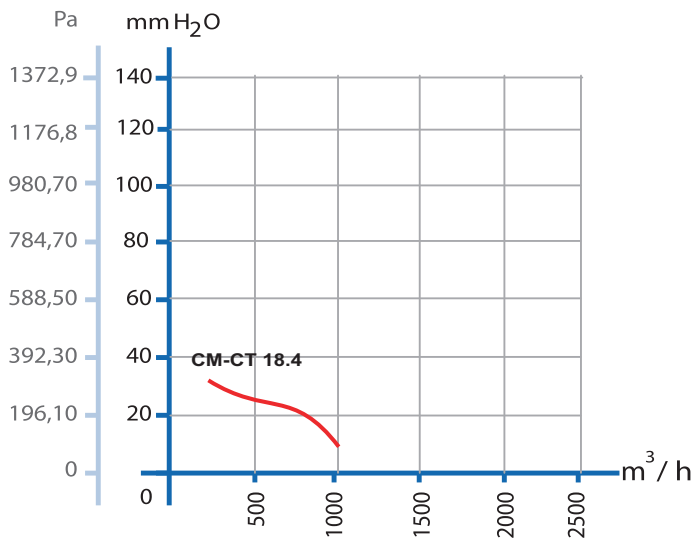
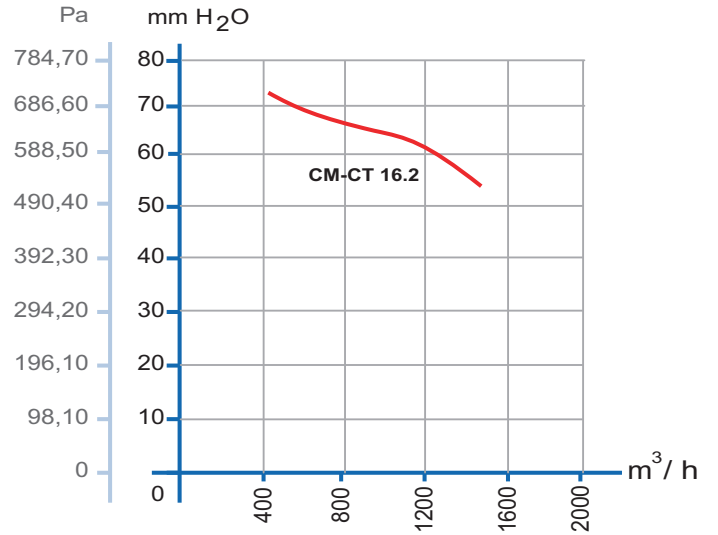
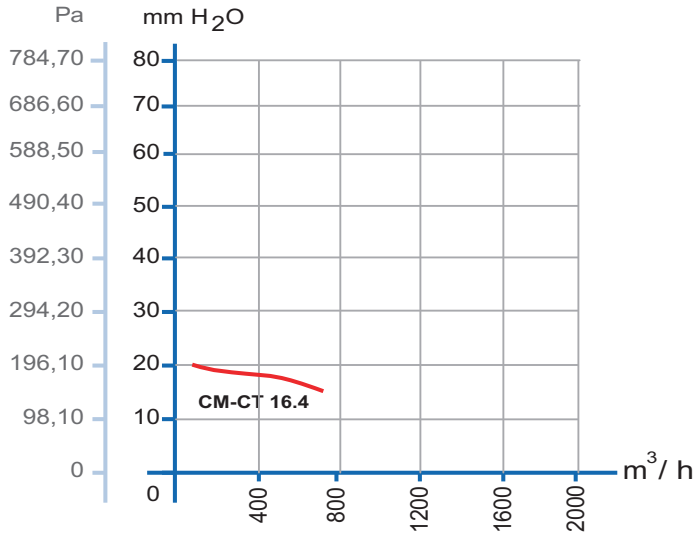
Dimensions are in mm .

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www.dundar.net

Performance Curves

Q= Air Volume (m³ /h)
Pa= Static Pressure (Pa ve mmH₂O)



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