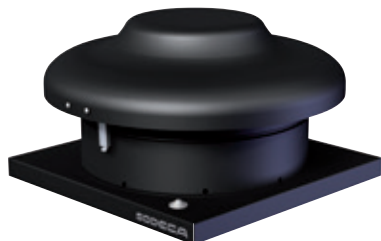


CTD

Centrifugal roof fans for houses ventilation

Low noise centrifugal roof fans for houses ventilation
in accordance with the Spanish Technical Building Code



Fan:

- Sheet steel base plate.
- Impeller with backward-curved blades made from sheet steel
- Sheet steel rain deflector hood with anticorrosive protection
- Adjustable by variation of voltage
- Safety switch on request

Motor:

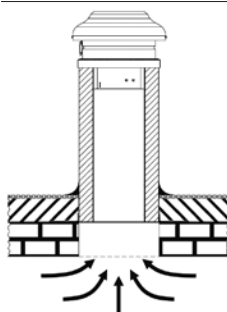
- Class F external rotor motors, IP54 protection
- Single-phase 230V.-50Hz.
- Max. air temperature to transport:
-40°C + 70°C

Finish:

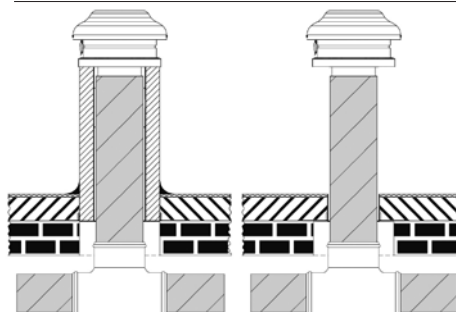
- Anticorrosive finish in polyester resin polymerised at 190°C, after alkaline degreasing with phosphate-free nanotechnology treatment.



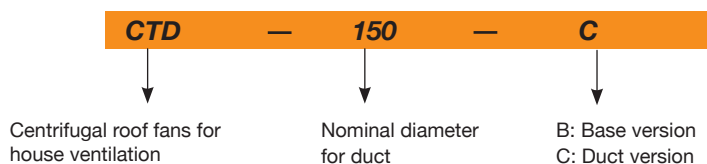
B version



C version



Order code



Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)	Max. electric power (W)	Maximum airflow (m³/h)	Sound pressure level ¹ at 2/3 of Qmax dB(A)		Approx. weight (Kg)
		230V			Inlet	Outlet	
CTD 150	2442	0.28	65	409	43	37	4.4
CTD 160	2442	0.28	65	409	43	37	4.4
CTD 200	2534	0.42	97	711	46	39	6.8
CTD 250	2542	0.68	155	926	46	41	7.6
CTD 315	2442	0.90	208	1024	48	42	8

(1) The sound level values are measurements of pressure in dB(A) at a distance of 6 m and at 2/3 of the maximum airflow (2/3 Qmax.)

Acoustic features

The specified values are determined according to free field measurements of pressure and sound levels in dB(A) at a distance of 6 m.

Sound power Lw(A) spectrum in dB(A) via frequency band in Hz.

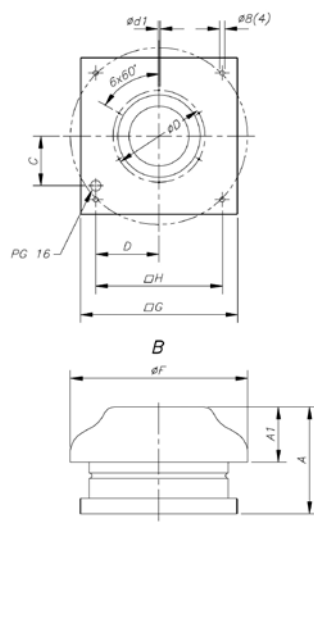
Values taken at the inlet with 2/3 of the maximum airflow (2/3Qmax).

Model	63	125	250	500	1000	2000	4000	8000
CTD 150	38	44	54	59	60	61	57	41
CTD 160	38	44	54	59	60	61	57	41
CTD 200	39	50	57	63	64	62	58	54
CTD 250	40	52	56	63	64	62	56	51
CTD 315	44	57	59	64	65	63	62	57

Values taken at outlet with 2/3 of the maximum airflow (2/3Qmax).

Model	63	125	250	500	1000	2000	4000	8000
CTD 150	28	37	51	54	58	53	47	32
CTD 160	28	37	51	54	58	53	47	32
CTD 200	31	44	53	57	58	54	50	40
CTD 250	32	44	53	58	61	59	52	43
CTD 315	34	50	55	58	61	59	52	45

Dimensions in mm

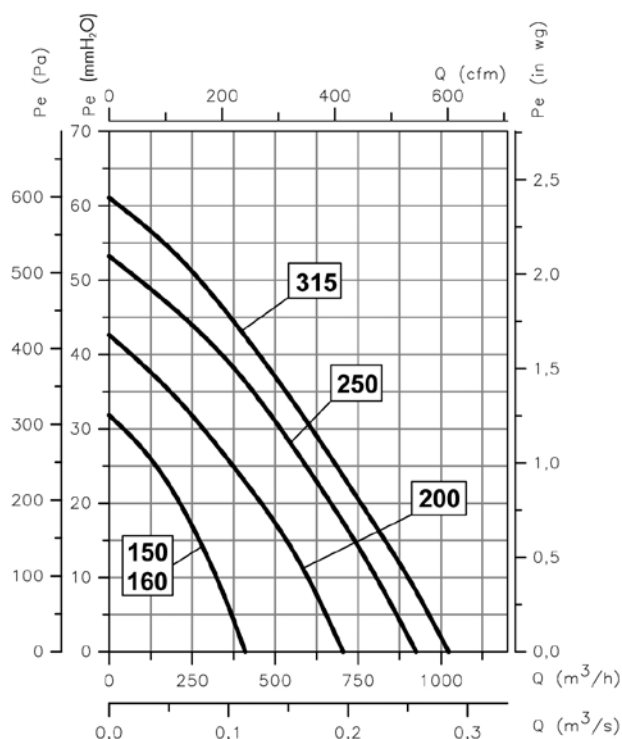


Modelo	ϕF	A	A1	∇G	ϕD	$\phi d1$	C	D	∇H	ϕO
CTD-150/B	344	207.3	107	305	177	6.1	96.5	123.5	245	-
CTD-160/B	344	207.3	107	305	177	6.1	96.5	123.5	245	-
CTD-200/B	450	214.35	109	405	230	7.1	138	168	330	-
CTD-250/B	450	245.55	109	405	230	7.1	138	168	330	-
CTD-315/B	450	245.55	109	405	230	7.1	138	168	330	-
CTD-150/C	344	207.3	107	305	177	6.1	96.5	123.5	245	147
CTD-160/C	344	207.3	107	305	177	6.1	96.5	123.5	245	157
CTD-200/C	450	214.35	109	405	230	7.1	138	168	330	197
CTD-250/C	450	245.55	109	405	230	7.1	138	168	330	247
CTD-315/C	450	245.55	109	405	230	7.1	138	168	330	312

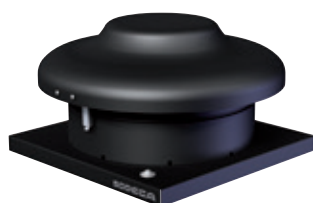
Characteristic Curves

Q = Airflow in m³/h, m³/s and cfm.

Pe = Static pressure in mmH₂O, Pa and inwg.



On request



INT
Safety switch