

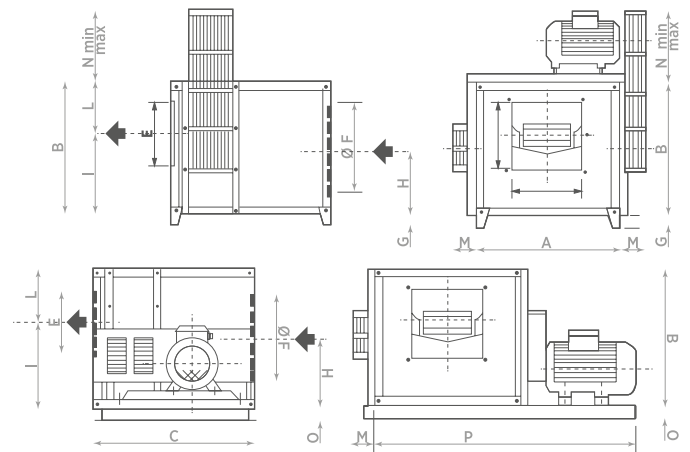


CVT HT

SMOKE EXHAUST FANS FOR FIRE AND CAR GARAGES

Box belt driven centrifugal fans with double inlet designed to be used in fume extraction system or evacuation in case of fire according to the F400 classification.

- Suitable for continuous service at 200°C air temperature and, in case of fire (emergency) at 400°C for 2 hours
- Series composed by 6 sizes with flow rate starting from 1.500 up to 35.000 m³/h and pressure starting from 10 up to 180 mm H₂O
- Forward curved blades, double inlet
- Case in galvanised sheet
- UNEL-MEC motor IP55 protected, Class F, single speed or double speed on request
- In compliance with Standard UNI-EN 12101-3
- F400 approved by an Acknowledged Qualified Institute



Model	A	B	C	D	E	ØF	G	H	I	L	M	N	O	P
CV-T HT 250	600	600	650	300	300	405	100	300	370	230	158	270/350	-	-
CV-T HT 300	700	680	730	350	350	500	100	340	425	255	173	340/410	-	-
CV-T HT 350	800	750	860	400	400	610	100	375	470	280	173	340/410	80	1570
CV-T HT 400	900	840	1030	450	450	650	100	420	535	305	173	360/420	100	1670
CV-T HT 450	1000	960	1200	500	500	750	100	480	630	330	173	350/420	120	1750
CV-T HT 500	1200	1020	1250	600	600	800	100	510	640	380	173	380/420	120	2150

400°C
2h

POSITIONING

- Floor mounting

ENVIRONMENT APPLICATION

Suitable for:

- Fume extraction from industrial plants

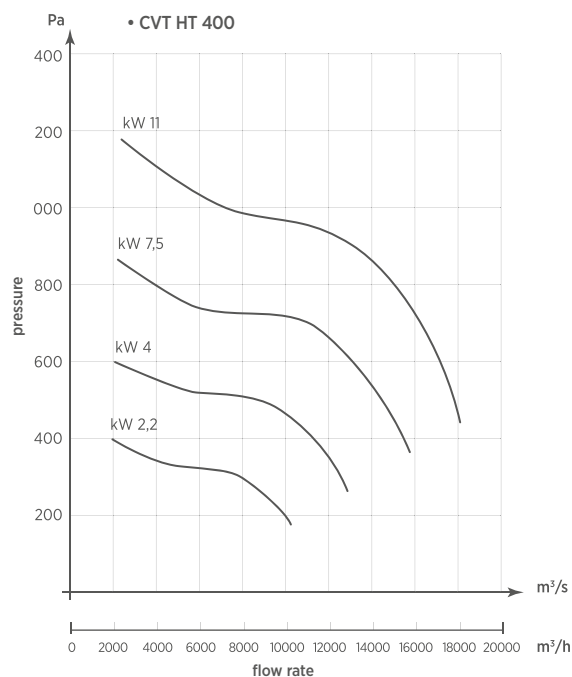
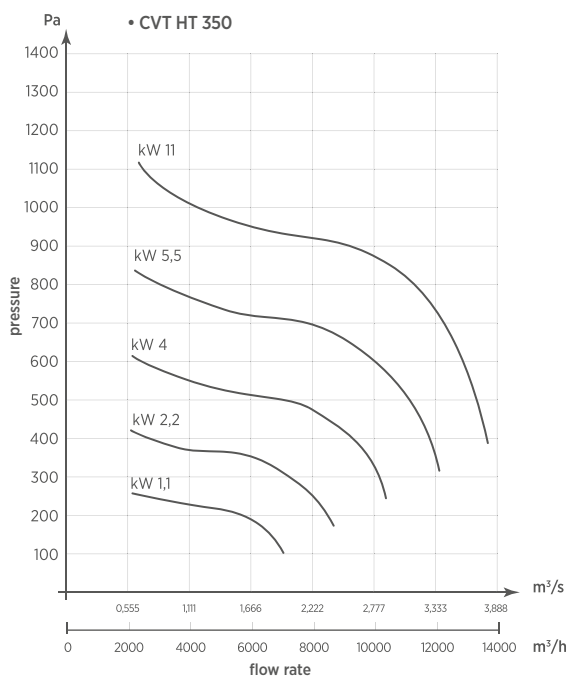
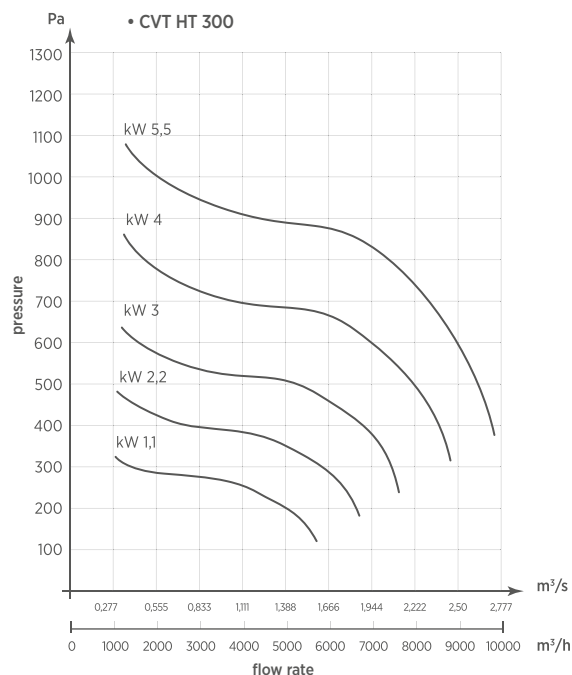
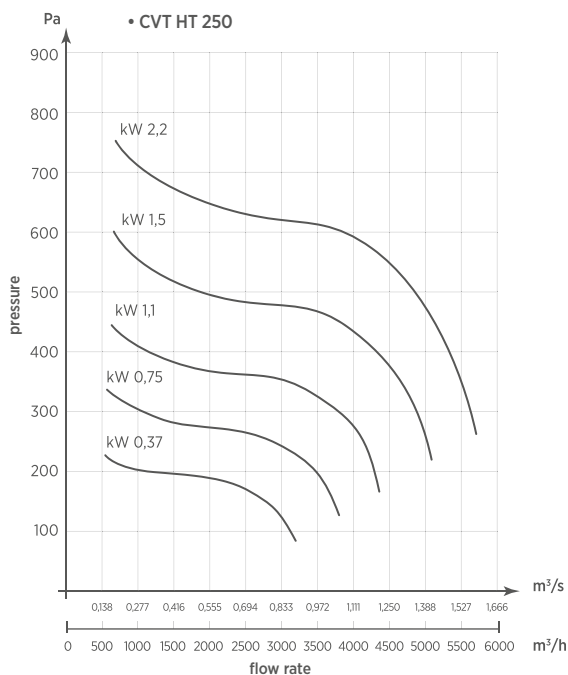
- Smoke extraction systems in case of fire in residential, commercial and/or tertiary environment

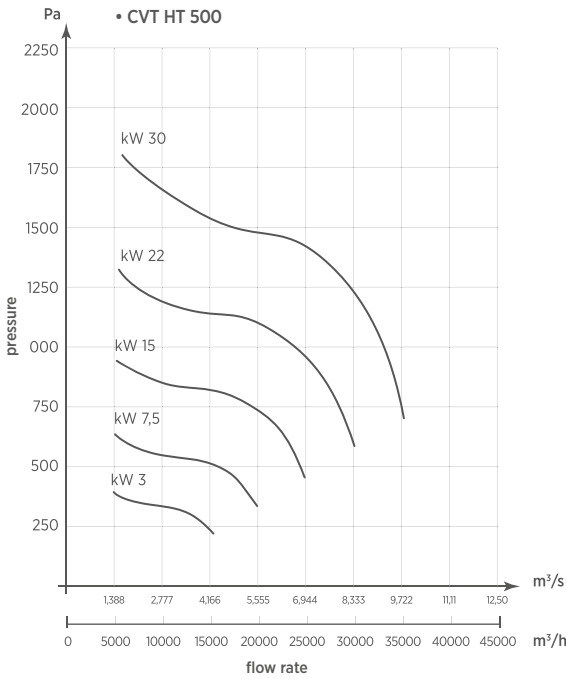
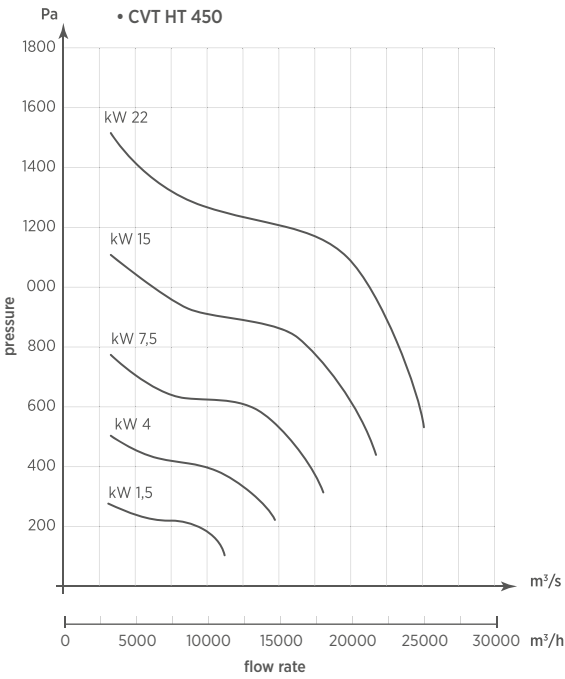
TECHNICAL DATA

Model	Code	Motor	N° poles	Rev. per min. (RPM)	Voltage (Volt)	Frequency (Hz)	Flow rate (m³/h)	Max press. (mm H ₂ O)	Max press. (Pa)	Power (kW)	Nom. curr. (A) 230 V	Nom. curr. (A) 400 V	IP Motor protection	Noisiness dB(A) _{sm}	Weight (Kg)
CV-T HT 250-2,2	0012601	three phase	4	1800	400	50	5700	75	736	2,20	8,1	4,7	IP55	70	85
CV-T HT 250-1,5	0012603	three phase	4	1600	400	50	5100	60	589	1,50	5,6	3,2	IP55	68	75
CV-T HT 250-1,1	0012605	three phase	4	1400	400	50	4400	45	441	1,10	4,2	2,4	IP55	65	75
CV-T HT 250-0,75	0012607	three phase	4	1200	400	50	3700	32	314	0,75	3,1	1,8	IP55	61	70
CV-T HT 250-0,37	0012609	three phase	4	1000	400	50	3100	23	226	0,37	1,8	1,1	IP55	57	68
CV-T HT 300-5,5	0012611	three phase	4	1800	400	50	9700	110	1079	5,50	18,9	10,9	IP55	76	130
CV-T HT 300-4	0012613	three phase	4	1600	400	50	8800	88	863	4,00	13,6	7,9	IP55	73	120
CV-T HT 300-3	0012615	three phase	4	1400	400	50	7700	66	647	3,00	11,0	6,4	IP55	71	110
CV-T HT 300-2,2	0012617	three phase	4	1200	400	50	6700	47	461	2,20	8,1	4,7	IP55	67	110
CV-T HT 300-1,1	0012619	three phase	4	1000	400	50	5600	33	324	1,10	4,2	2,4	IP55	63	100
CV-T HT 350-11	0012621	three phase	4	1600	400	50	13300	112	1099	11,00	36,0	20,8	IP55	78	250
CV-T HT 350-5,5	0012623	three phase	4	1400	400	50	12000	85	834	5,50	18,9	10,9	IP55	75	180
CV-T HT 350-4	0012625	three phase	4	1200	400	50	10500	63	618	4,00	13,6	7,9	IP55	72	170
CV-T HT 350-2,2	0012627	three phase	4	1000	400	50	8500	44	432	2,20	8,1	4,7	IP55	68	160
CV-T HT 350-1,1	0012629	three phase	4	800	400	50	6400	27	265	1,10	4,2	2,4	IP55	63	150
CV-T HT 400-11	0012631	three phase	4	1400	400	50	18200	118	1158	11,00	36,0	20,8	IP55	78	310
CV-T HT 400-7,5	0012633	three phase	4	1200	400	50	16000	83	814	7,50	25,4	14,7	IP55	76	300
CV-T HT 400-4	0012635	three phase	4	1000	400	50	13000	58	569	4,00	13,6	7,9	IP55	72	220
CV-T HT 400-2,2	0012637	three phase	4	800	400	50	10200	37	363	2,20	8,1	4,7	IP55	67	210
CV-T HT 450-22	0012639	three phase	4	1400	400	50	25500	150	1472	22,00	69,7	40,3	IP55	78	520
CV-T HT 450-15	0012641	three phase	4	1200	400	50	22000	112	1099	15,00	48,1	27,8	IP55	76	440
CV-T HT 450-7,5	0012643	three phase	4	1000	400	50	18000	78	765	7,50	25,4	14,7	IP55	72	360

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CV-T HT 450-4	0012645	Trifase	4	800	400	50	14800	50	491	4,00	13,6	7,9	IP55	67	270
CV-T HT 450-1,5	0012647	Trifase	4	600	400	50	11100	28	275	1,50	5,6	3,2	IP55	64	250
CV-T HT 500-30	0012649	Trifase	4	1400	400	50	35000	180	1766	30,00	94,5	54,6	IP55	86	610
CV-T HT 500-22	0012651	Trifase	4	1200	400	50	30000	135	1324	22,00	69,7	40,3	IP55	82	580
CV-T HT 500-15	0012653	Trifase	4	1000	400	50	25000	90	883	15,00	48,1	27,8	IP55	78	500
CV-T HT 500-7,5	0012655	Trifase	4	800	400	50	20000	60	589	7,50	25,4	14,7	IP55	74	420
CV-T HT 500-3	0012657	Trifase	4	600	400	50	15100	32	314	3,00	11,0	6,4	IP55	68	310

FLOW CHARTS





ACCESSORIES AVAILABLE ON DEMAND