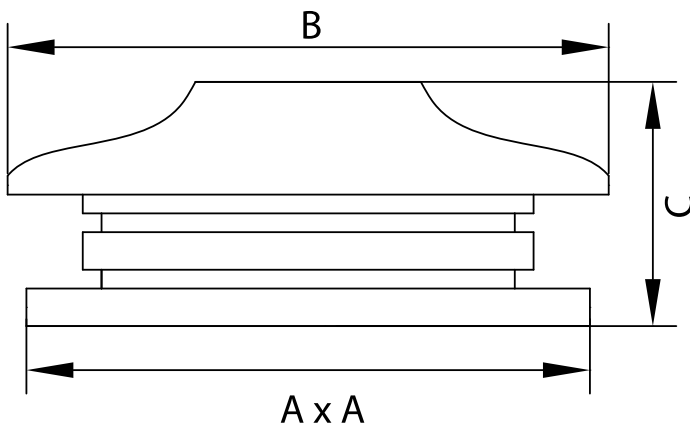


## TKS HORIZONTAL ROOF TYPE FANS

- Roof fans easily modified to horizontal or vertical outlet.
- Easy clean and service with hinged connection.
- IP 44 motor with F-class insulation motors can be controlled by speed controller.
- High corrosion resistive design.

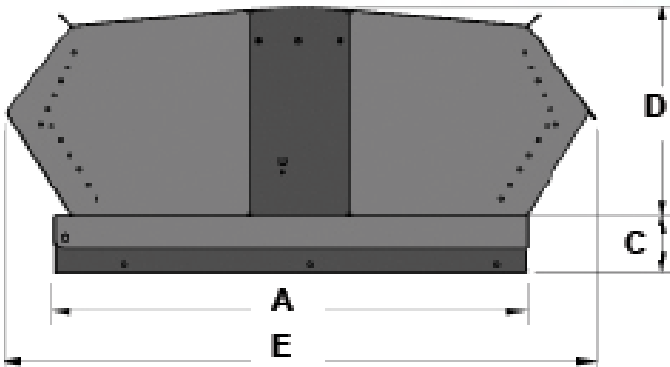


Static Pressure (Pa)	AirFlow (m <sup>3</sup> /h)																	
	0	50	100	125	150	175	200	225	250	275	300	325	350	375	400	450	500	550
TKS 300 C	474	408	357	334	310	286	261	234	202	161	104	48	15					
TKS 400 B	886	800	713	671	630	589	547	505	460	413	363	309	254	195	130			
TKS 400 C	1113	1020	927	881	839	797	756	715	675	635	594	553	511	467	420	320	207	94

MODEL	Current (A)	Power (W)	RPM	Max Temp.(C)	Sound Level dB(A)@3m	Wieght (kg)	A mm	B mm	C mm	Speed Cont.
TKS 300 C	0.31	71	2460	70	60	4.1	305	340	224	VRS1
TKS 400 B	0.50	113	2580	60	65	5.5	415	450	235	VRS1
TKS 400 C	0.76	172	2420	45	69	5.5	415	450	235	VRS1

## TKV ROOF TYPE FANS

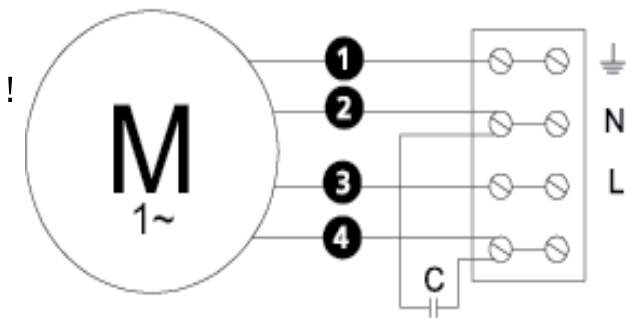
- Roof fans easily modified to horizontal or vertical outlet.
- Easy clean and service with hinged connection.
- IP 44 motor with F-class insulation motors can be controlled by speed controller.
- High corrosion resistive design.



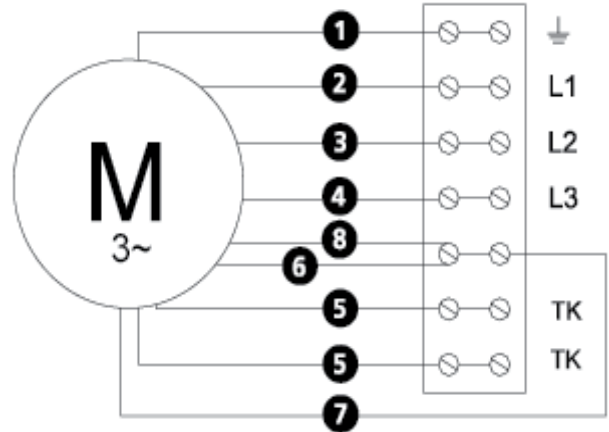
Dimension	TKV 400 E	TKV 560C1	TKV 660B3	TKV 760B3	TKV 960C3
A [mm]	415	564	663	763	963
B [mm]	415	564	663	763	963
C [mm]	31	50	50	50	50
D [mm]	153	236	291	387	434
E [mm]	488	729	865	1038	1262
F [mm]	415	571	668	769	969
Weight (kg)	9	29.6	47.5	66.6	102.6
Voltage (V)	230V	230V	400V	400V	400V
Current (A)	1.18 A	3.18 A	2.5 A	1.5 A	3.06 A
Power (kW)	0.223 kW	0.497 kW	0.836 kW	0.691 kW	1.280 kW
RPM	2780	1380	1430	870	880
Sound Level [dB(A)@3m]	44	68	73	64	83
Speed Cont.	VRS 1	VRS 5	STRA1	STRA2	STRA4

Static Pressure (Pa)	AirFlow (m <sup>3</sup> /h)				
	TKV 400 E	TKV 560 C1	TKV 660 B3	TKV 660 B3	TKV 960 C3
0	1.436	4.910	6.559	9.176	13.104
25	1.415	4.792	6.285	8.880	12.750
50	1.384	4.647	6.093	8.560	12.410
75	1.352	4.508	5.915	8.220	12.045
100	1.320	4.364	5.735	7.850	11.690
125	1.286	4.225	5.570	7.450	11.315
150	1.252	4.081	5.395	7.030	10.925
175	1.216	3.937	5.238	6.540	10.515
200	1.179	3.777	5.064	5.988	10.085
225	1.141	3.620	4.901	5.378	9.635
250	1.102	3.440	4.728	4.697	9.148
275	1.060	3.240	4.565	3.980	8.625
300	1.016	3.015	4.382	3.130	8.050
325	971	2.743	4.200	2.290	7.420
350	925	2.414	4.020	1.412	6.705
375	875	1.993	3.830	533	5.880
400	821	1.460	3.610		4.900
450	705	380	3.180		2.585
500	571		2.656		
550	415		1.925		
600	234				
650					

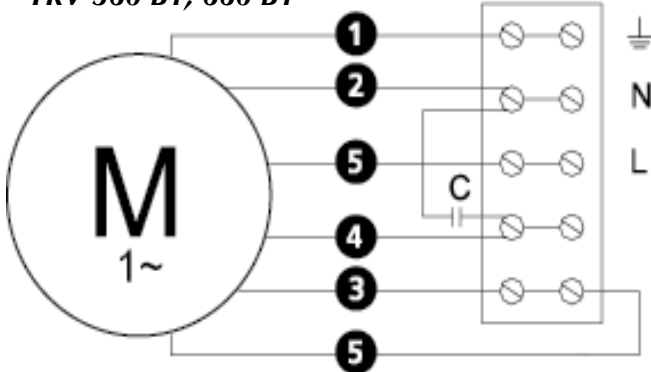
**TKV 400 D**



**TKV 760 B3, 960 C3, 960 D3**

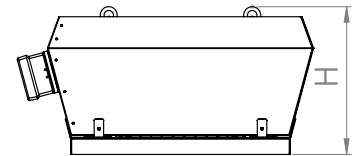
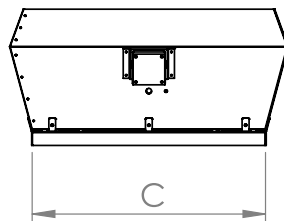
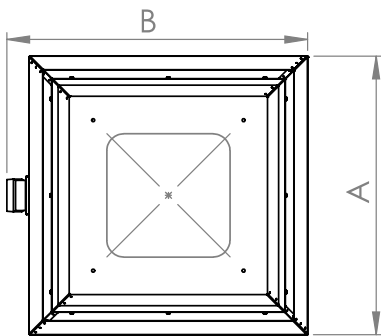


**TKV 560 B1, 660 B1**



## DCF ROOF TYPE FANS

- Galvanized steel casing with epoxy coating.
- Backward curved impeller directly coupled to external rotor motor.
- Wire mesh protection guard.
- IP 44 motor with IP 67 electrical connection box.
- Accessible impeller and motor for maintenance and service.
- Optional speed controller is available.



Model	DCF 250 V1	DCF 280 V1	DCF 280 R1	DCF 400 V1	DCF 450 V1	DCF 450 V3	DCF 500 V3	DCF 560 V3
Specification								
<b>Voltage (V)</b>	230	230	230	230	230	400	400	400
<b>Power (kW)</b>	0.21	0.23	0.5	0.51	0.8	1.1	1.5	2.12
<b>Current (A)</b>	1.05	1.1	2.25	1.5	3.5	2.5	2.6	3.9
<b>rpm</b>	2700	2450	2300	1380	1350	1400	1400	1355
<b>Weight (kg)</b>	~16	~17	~20	~36	~44	~45	~74	~79
<b>Speed Cont.</b>	VSC 1	VSC 1	VSC 5	VSC 5	VSC 5	VSC 2T	VSC 4T	VSC 4T
<b>A (mm)</b>	545	575	587	815	855	875	945	1005
<b>B (mm)</b>	608	638	653	878	918	938	1006	1069
<b>C (mm)</b>	456	476	476	685	722	735	794	854
<b>H (mm)</b>	260	313	363	418	428	459	498	498



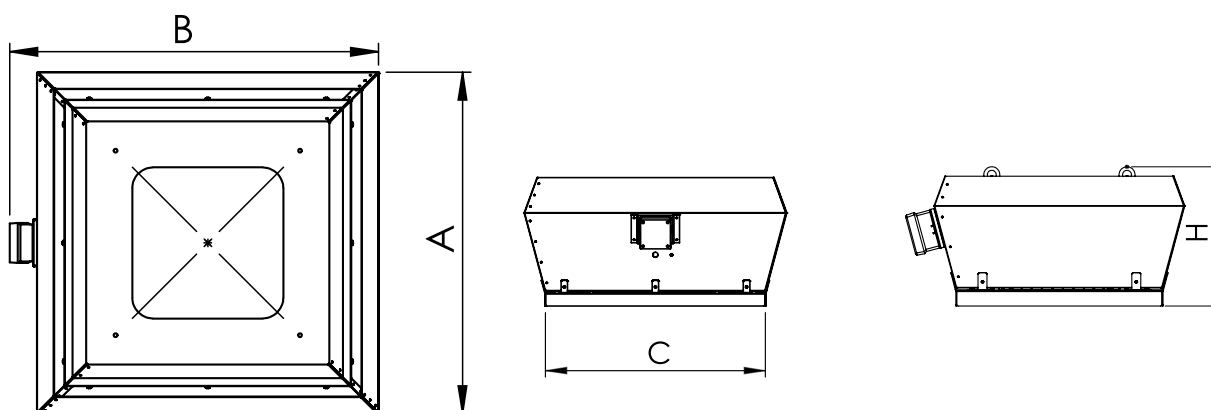
Static Pressure (Pa)	Model	DCF 250 V1	DCF 280 V1	DCF 280 R1	DCF 400 V1	DCF 450 V1	DCF 450 V3	DCF 500 V3	DCF 560 V3
	<i>Air Volume (m<sup>3</sup>/h)</i>								
0		1432	1717	2700	4187	5751	6698	9038	10835
25		1404	1672	2649	4106	5597	6593	8922	10672
50		1375	1624	2594	4019	5431	6484	8798	10523
75		1344	1574	2538	3927	5261	6370	8665	10382
100		1312	1525	2483	3832	5097	6253	8524	10245
125		1278	1478	2428	3733	4937	6133	8373	10109
150		1243	1431	2374	3632	4782	6009	8212	9975
175		1205	1385	2320	3528	4629	5883	8041	9839
200		1165	1338	2265	3421	4476	5754	7859	9702
225		1122	1290	2208	3310	4319	5621	7668	9563
250		1075	1238	2149	3195	4157	5483	7465	9421
275		1024	1183	2086	3075	3985	5340	7251	9276
300		965	1120	2019	2949	3800	5190	7025	9127
325		898	1047	1947	2817	3598	5032	6786	8974
350		819	958	1871	2676	3371	4862	6533	8816
375		723	853	1792	2527	3112	4679	6265	8653
400		614	745	1711	2369	2814	4479	5979	8485
450		402	571	1549	2015	2059	4008	5350	8132
500		224	440	1393	1588		3411	4640	7753
550		60	327	1235	990		2681	3855	7344
600			221	1064			1814	3013	6896
650			113	860			677	2119	6390
700			2	619				1163	5791
750									5009
800									3872

## DCF EC ROOF TYPE FANS

- Galvanized steel casing with epoxy coating.
- Backward curved impeller directly coupled to external rotor EC motor.
- Wire mesh protection guard.
- IP 44 motor with IP 67 electrical connection box.
- Accessible impeller and motor for maintenance and service.
- Optional speed controller is available.



**DYNFLOW**  
**ECFAN**



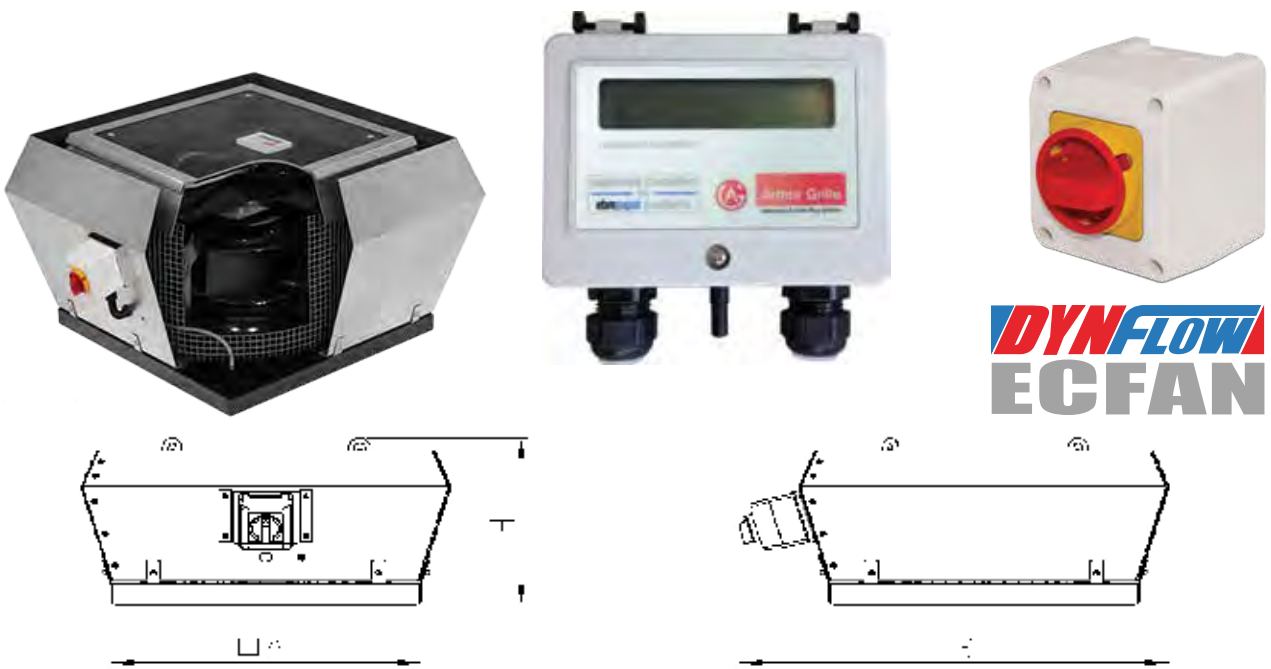
Specificatio	Mode	DCF	DCF	DCF	DCF	DCF	DCF	DCF	DCF	DCF	
		190 V1 EC	225 V1 EC	250 V1 EC	280 R1 EC	355 V1 EC	400 V1 EC	400 V3 EC	500 V3 EC	500 R3 EC	500 M3 EC
Voltage (V)		230	230	230	230	230	230	400	400	400	400
Power (kW)		0.103	0.17	0.5	0.46	0.78	0.5	1.5	1.8	3.1	3.45
Current (A)		0.91	1.45	2.5	2.0	3.9	2.2	2.4	2.9	5.0	5.3
rpm		3820	2860	3050	2550	2460	1500	2430	1800	1770	1910
Weight (kg)		~13	~14	~18	~22	~28	~40	~45	~54	~64	~72
A (mm)		415	525	590	615	705	760	720	905	955	1005
B (mm)		480	588	650	680	770	825	785	970	1020	1070
C (mm)		345	440	485	500	582	630	607	762	810	820
H (mm)		218	283	335	365	392	392	373	475	485	615

Static Pressure (Pa)	Model	DCF	DCF	DCF	DCF	DCF	DCF	DCF	DCF	DCF	
		190 V1 EC	225 V1 EC	250 V1 EC	280 R1 EC	355 V1 EC	400 V1 EC	400 V3 EC	500 V3 EC	500 R3 EC	500 M3 EC
		Air Volume (m <sup>3</sup> /h)									
0		739	1368	2402	2900	4171	5544	6586	8808	14157	14849
25		723	1343	2383	2858	4156	5439	6540	8751	14057	14671
50		707	1308	2358	2812	4109	5291	6474	8671	13949	14473
75		693	1271	2333	2771	4061	5136	6411	8591	13836	14269
100		678	1236	2307	2731	4014	4971	6348	8510	13721	14072
125		663	1195	2280	2693	3966	4802	6286	8428	13599	13887
150		646	1166	2254	2655	3919	4637	6224	8347	13475	13715
175		631	1137	2228	2616	3871	4486	6165	8263	13333	13553
200		616	1111	2201	2577	3824	4331	6106	8178	13190	13400
225		598	1082	2174	2536	3776	4166	6050	8092	13037	13254
250		582	1048	2148	2493	3728	3992	5991	8004	12880	13113
275		563	1004	2122	2448	3676	3817	5929	7917	12719	12976
300		534	951	2097	2401	3622	3638	5865	7827	12553	12842
325		514	904	2073	2350	3566	3444	5795	7736	12381	12710
350		490	858	2047	2297	3509	3230	5718	7640	12206	12579
375		451	803	2020	2240	3452	3012	5627	7540	12027	12448
400		403	755	1990	2180	3393	2798	5513	7437	11845	12318
450		310	654	1924	2049	3265	2399	5283	7217	11467	12052
500		194	554	1851	1903	3127	1984	5048	6978	11055	11778
550			467	1766	1741	2985	1571	4806	6731	10596	11490
600			385	1670	1546	2826	1266	4495	6448	10074	11182
650			319		1241	2627	965	4146	6109	9460	10848
700			267		345	2396	601	3758	5753	8740	10482
750			205			2126	233	1361	5348	7885	10080
800								557	4786	6832	9645



## DCF EC AL ALUMINUM CASING ROOF FANS

- Aluminum casing.
- Backward curved impeller directly coupled to external rotor EC motor.
- Wire mesh protection guard.
- IP 44 motor with IP 67 electrical connection box.
- Accessible impeller and motor for maintenance and service.
- Options:
  - Speed controller.
  - Repair switch.
  - Pressure controller to maintain set-up pressure value.



**DYNFLOW**  
**ECFAN**

Model	DCF 190 V1 EC AL	DCF 225 V1 EC AL	DCF 250 V1 EC AL	DCF 280 R1 EC AL	DCF 355 V1 EC AL	DCF 400 V1 EC AL	DCF 400 V3 EC AL	DCF 500 V3 EC AL	DCF 500 R3 EC AL	DCF 500 M3 EC AL
Specification										
Voltage (V)	230	230	230	230	230	230	400	400	400	400
Power (kW)	0.103	0.17	0.5	0.46	0.78	0.5	1.5	1.8	3.1	3.45
Current (A)	0.91	1.45	2.5	2.0	3.9	2.2	2.4	2.9	5.0	5.3
rpm	3820	2860	3050	2550	2460	1500	2430	1800	1770	1910
Weight (kg)	~11	~12	~15	~19	~24	~35	~40	~56	~54	~61
A (mm)	415	530	590	615	705	760	720	905	955	1005
B (mm)	505	615	385	705	805	860	820	1005	1055	1105
C (mm)	345	440	485	500	582	630	607	762	810	820
H (mm)	235	300	350	380	410	410	390	490	500	630



Model Static Pressure (Pa)	DCF 190 V1 EC AL	DCF 225 V1 EC AL	DCF 250 V1 EC AL	DCF 280 R1 EC AL	DCF 355 V1 EC AL	DCF 400 V1 EC AL	DCF 400 V3 EC AL	DCF 500 V3 EC AL	DCF 500 R3 EC AL	DCF 500 M3 EC AL
	Air Volume (m <sup>3</sup> /h)									
0	739	1368	2402	2900	4171	5544	6586	8808	14157	14849
25	723	1343	2383	2858	4156	5439	6540	8751	14057	14671
50	707	1308	2358	2812	4109	5291	6474	8671	13949	14473
75	693	1271	2333	2771	4061	5136	6411	8591	13836	14269
100	678	1236	2307	2731	4014	4971	6348	8510	13721	14072
125	663	1195	2280	2693	3966	4802	6286	8428	13599	13887
150	646	1166	2254	2655	3919	4637	6224	8347	13475	13715
175	631	1137	2228	2616	3871	4486	6165	8263	13333	13553
200	616	1111	2201	2577	3824	4331	6106	8178	13190	13400
225	598	1082	2174	2536	3776	4166	6050	8092	13037	13254
250	582	1048	2148	2493	3728	3992	5991	8004	12880	13113
275	563	1004	2122	2448	3676	3817	5929	7917	12719	12976
300	534	951	2097	2401	3622	3638	5865	7827	12553	12842
325	514	904	2073	2350	3566	3444	5795	7736	12381	12710
350	490	858	2047	2297	3509	3230	5718	7640	12206	12579
375	451	803	2020	2240	3452	3012	5627	7540	12027	12448
400	403	755	1990	2180	3393	2798	5513	7437	11845	12318
450	310	654	1924	2049	3265	2399	5283	7217	11467	12052
500	194	554	1851	1903	3127	1984	5048	6978	11055	11778
550		467	1766	1741	2985	1571	4806	6731	10596	11490
600		385	1670	1546	2826	1266	4495	6448	10074	11182
650		319		1241	2627	965	4146	6109	9460	10848
700		267		345	2396	601	3758	5753	8740	10482
750		205			2126	233	1361	5348	7885	10080
800							557	4786	6832	9645

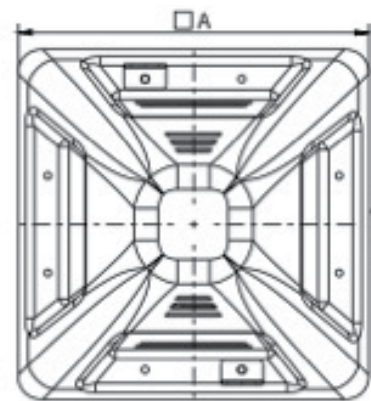
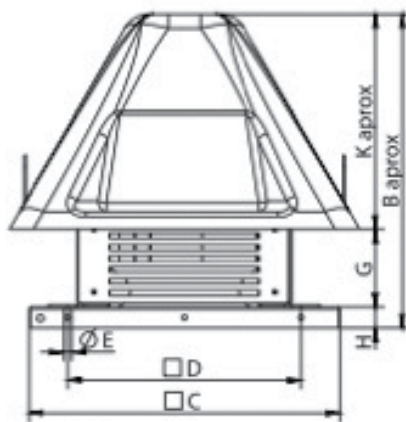
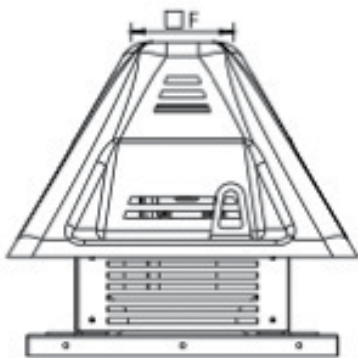
## CTH3- ROOF TYPE CENTRIFUGAL SMOKE EXHAUST FANS

- *Smoke exhaust fan with motor out-of-stream (400°C – 2 hours certified Fan)*
- *Maximum continuous operation temperature up 80°C.*
- *Roof cowl made of high resistance ABS material.*
- *Backward curved galvanized steel impeller.*
- *Bird protection guard.*
- *Coated Steel base.*
- *Standard asynchronous motor with IP 55 protection and F-class insulation.*
- *Speed control with frequency convertor between 25-100%.*
- *Industrial and professional kitchen hoods.*
- *Vertical discharge with KITV optional accessory.*



Static Pressure (Pa)	AirFlow (m <sup>3</sup> /h)								
	CTH3-A 355 T4	CTH3-A 400T4	CTH3-A 450 T4	CTH3-A 500T4	CTH3-A 560 T4	CTH3-A 710 T6	CTH3-A 800T6	CTH3-A 900 T6	CTH3-A 1000 T8
0	3580	5400	7600	10200	13200	19000	25000	37740	39596
25	3482	5220	7427	9880	12822	18688	24617	37320	38982
50	3385	5105	7310	9757	12688	18414	24305	36905	38375
75	3282	4992	7191	9628	12549	18123	23995	36490	37772
100	3172	4870	7071	9498	12407	17828	23668	36075	37169
125	3054	4739	6941	9362	12265	17523	23342	35660	36564
150	2925	4603	6807	9218	12118	17195	22996	35246	35954
175	2788	4460	6670	9071	11961	16860	22648	34830	35337
200	2639	4314	6530	8920	11807	16517	22271	34408	34709
225	2465	4150	6377	8764	11643	16148	21887	33982	34068
250	2270	3967	6215	8601	11480	15747	21504	33552	33410
275	2035	3780	6046	8425	11307	15328	21083	33115	32732
300	1728	3576	5866	8247	11136	14900	20654	32670	32028
325		3332	5680	8052	10953	14423	20194	32217	31295
350		3057	5469	7851	10759	13893	19730	31754	30525
375		2711	5249	7636	10566	13323	19224	31280	29709
400		2261	5002	7406	10358	12700	18691	30792	28837
425			4721	7157	10139	11984	18112	30290	27893
450			4402	6886	9915	11128	17492	29770	26855
475			4033	6590	9679	10120	16850	29230	25687
500			3534	6266	9438	8712	16123	28668	24331
525				5881	9172	6541	15306	28078	22674
550				5431	8885		14403	27457	20444
575				4882	8590		13348	26798	16608
600				4102	8254		12077	26093	7916
625				2830	7895		10457	25331	
650					7503		7962	24498	
675					7067		3570	23572	
700					6552			22518	
725					5945			21280	
750					5143			19750	
775					4071			17687	
800					1945			14415	

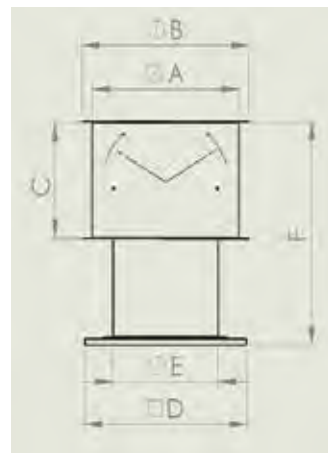
MODEL	Current (A)	Power (kW)	Voltage (V)	RPM	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	G (mm)	H (mm)	Weight (kg)	Speed Cont.
CTH-3 355 T4	1.49	0.55	400	1400	699	647	630	535	240	209	40	19	Speed control with frequency inverter
CTH-3 400 T4	1.63	0.75	400	1410	699	705	630	535	240	267	40	21	
CTH-3 450 T4	2.49	1.10	400	1450	777	760	710	590	296	302	40	38	
CTH-3 500 T4	3.26	1.50	400	1440	973	866	905	750	388	318	50	50	
CTH-3 560 T4	6.17	3.00	400	1420	973	883	905	750	388	334	50	55	
CTH-3 710 T6	5.94	2.20	400	965	1168	1118	1100	940	429	439	50	101	
CTH-3 800 T6	9.46	4.00	400	960	1168	1145	1100	940	429	466	50	118	



## DAX CAS VERTICAL OUTLET ROOF FANS

DYNFLOW DAX CAS Roof Mount Axial Fans are used for industrial and commercial applications besides general ventilation. The best matching fan is supplied in wide range by selecting several best hubs and blade angles combinations.

- Full range from Ø400 mm up to Ø1000 mm diameters.
- Epoxy coated casing and relevant parts.
- Adjustable blade angle impellers is made of cast aluminum alloy.
- Aerodynamic blade profile allow high efficiency and low noise.
- Die cast aluminum alloy fan hubs.
- Optimum capacity can be obtained by selecting best combination of hubs and blade angles.
- IP 67 external terminal box installed on the casing.
- IP 55 Electrical motors with F-class insulation.
- 230 Volt – 1 Phase – 50Hz and 400 Volt – 3 Phase – 50Hz.
- Operating temperature between -15°C and +45°C.



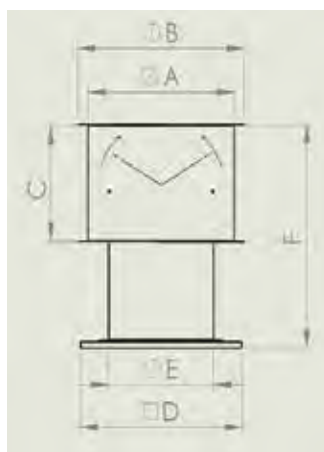
Specification	DAX-P-CAS 400 10/31-V2	DAX-P-CAS 450 9/30-E2	DAX-P-CAS 500 9/29-E2	DAX-P-CAS 560 9/34-E2	DAX-P-CAS 630 14/31-N2	DAX-P-CAS 710 9/34-C2	DAX-P-CAS 800 6/29-C2	DAX-P-CAS 900 9/34-O4	DAX-P-CAS1000 12/34-C4
Voltage (V)	400	400	400	400	400	400	400	400	400
Power (kW)	3	4	5.5	9.2	18.5	37	37	18.5	22
Current (A)	6.24	7.82	10.5	16.6	33.9	65.4	65.4	33.9	40.6
RPM	2880	2880	2880	2880	2880	2880	2880	1440	1440
Weight (kg)	54	67	72	114	177	230	350	266	354
A (mm)	560	630	630	710	800	900	1000	1120	1250
B (mm)	645	715	715	795	885	1000	1110	1240	1380
C (mm)	410	431	452	477	506	538	575	617	658
D (mm)	625	680	735	795	865	945	1035	1150	1250
E (mm)	400	450	500	560	630	710	800	900	1000
F (mm)	Dimensions can change regarding to the motor size								

\* For technical selection please contact DYNFLOW team

## DAX-S CAS ROOF TYPE SMOKE EXHAUST FANS

DYNFLOW DAX-S CAS Roof Mount Axial Smoke Exhaust Fans are used for carparks, subways and mining application besides general ventilation. The best matching fan is supplied in wide range by selecting several best hubs and blade angles combinations.

- Full range from Ø400 mm up to Ø1000 mm diameters.
- Epoxy coated casing and relevant parts.
- Adjustable blade angle impellers is made of cast aluminum alloy.
- Aerodynamic blade profile allow high efficiency and low noise.
- Die cast aluminum alloy fan hubs.
- Optimum capacity can be obtained by selecting best combination of hubs and blade angles.
- IP 67 external terminal box installed on the casing.
- IP 55 Electrical motors with F-class insulation.
- 230 Volt – 1 Phase – 50Hz and 400 Volt – 3 Phase – 50Hz.
- Operating temperature: 300 oC for 2 hours according to EN 12101-3.



Specification	DAX-S CAS 400 10/31-V2	DAX-S CAS 500 10/30-V2	DAX-S CAS 560 9/33-E2	DAX-S CAS 630 14/32-N2	DAX-S CAS 710 9/34-C2	DAX-S CAS 800 6/29+C2	DAX-S CAS 900 9/34-O4	DAX-S CAS 1000 9/34-C4
Voltage (V)	400	400	400	400	400	400	400	400
Power (kW)	2.2	7.5	9.2	18.5	37	37	18.5	30
Current (A)	6.24	10.5	16.6	33.9	65.4	65.4	33.9	40.6
rpm	2880	2880	2880	2880	2880	2880	1440	1440
Weight (kg)	41	68	94	175	232	352	259	363
A (mm)	560	630	710	800	900	1000	1120	1250
B (mm)	645	715	795	885	1000	1110	1240	1380
C (mm)	410	452	477	506	538	575	617	658
D (mm)	625	735	795	865	945	1035	1150	1250
E (mm)	400	500	560	630	710	800	900	1000
F (mm)	<i>Dimensions can change regarding to the motor size</i>							

\* For technical selection please contact DYNFLOW team