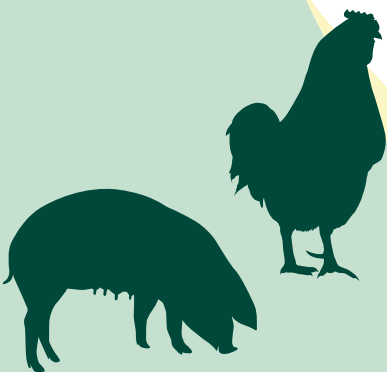


AGRICULTURAL FANS

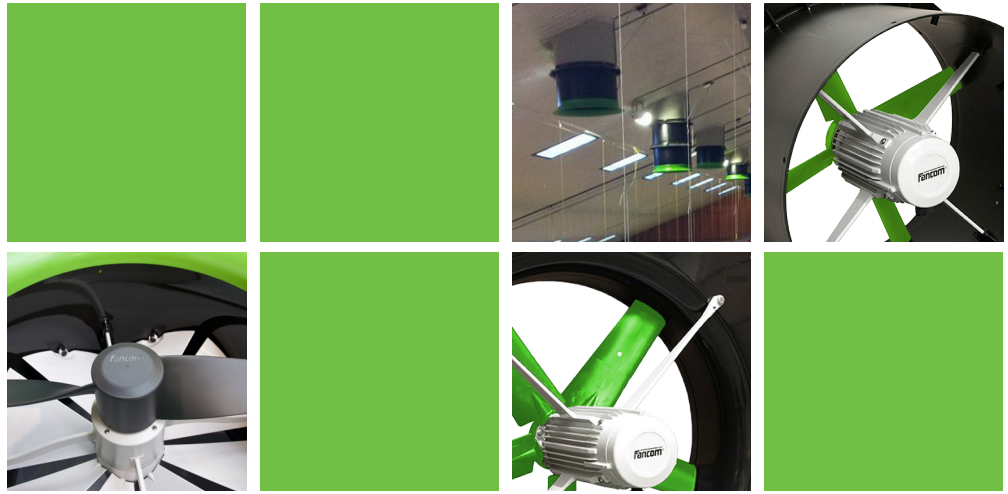
HIGH AIRFLOW CAPACITY

- Durable, IP66 classification
- Energy efficient
- Silent
- Very well controllable



AGRICULTURAL FANS

Fancom fans are specially developed for the use in livestock buildings and they have an IP66 classification. Fancom fans have an aluminium motor housing, synthetic or coated steel housing and synthetic fan blades. The fans combine high air flow capacity with low energy consumption and noise levels. The low energy consumption and superb controllability mean that the motors run at a lower temperature - which also benefits the durability.



Complete fan

The complete fan from Fancom is extremely easy to mount either in or on a wall. The fans in the 35 to 56cm diameter series are supplied in a robust synthetic housing. Fans with diameters of 63, 71 and 80 cm are solidly housed in steel. The coated housing prevents corrosion.

Modular fan

To mount fans underneath a chimney module Fancom's fans are supplied in a robust, shape retaining synthetic module with the Fancom quick mounting system. Fancom measuring and damping units complete the ventilation system. The control valve and air flow transmitter have been built into the same module which can be directly connected to the fan module.

Central exhaust systems

Fancom has specially developed the 3480P and 3480D fans for central air exhaust systems and other installations which operate with high counter pressures. The maximum counter pressures are 270Pa, resp. 320Pa. This fan is notable for its large air displacement capacity. Noise production and energy consumption are, however, kept to a minimum.

TYPE	Diameter cm	Voltage (+/- 10%) V	Revolutions RPM	Motor current (50Pa - Inorm) A	Power (50Pa) W	Axis power (50Pa) W	Noise level (0Pa - berekend)		Control	Airflow in m3/h									
							dBA 2m	dBA 7m		Pressure in Pa (Pascal)									
										0	30	50	100	150	200	250	300	Débit max/pression max	
1435	35	200-240	1404	0.96	211	111	61	50	T, E	3940	3580	3250							2660 / 78
1440	40	200-240	1347	1.19	273	165	64	53	T, E	5040	4630	4250							3300 / 92
1445	45	200-240	1326	1.6	372	235	65	54	T, E	6690	6140	5760	4400						4310 / 102
1450	50	200-240	1317	2.08	474	314	66	55	T, E	8550	7800	7300	5780						5710 / 102
1450P	50	200-240	1381	2.99	720	566	69	58	T, E	9720	9250	8970	7950						6900 / 128
1456	56	200-240	1366	3.16	741	569	70	59	T, E	12060	11260	10830	9250						8520 / 113
1463	63	200-240	1381	3.1	721	586	68	57	T, E	14600	13200	12380	9070						8980 / 101
1680	80	200-240	903	4.64	1091	756	69	58	T, E	20750	19050	17820	14160						13020 / 113
1692	92	200-240	905	4.54	1058	778	68	57	T, E	24400	21840	19940	13767						13340 / 103
3435	35	Y400 Δ230	1426	Y0.34 Δ0.59	157	116	61	50	F	3710	3400	3140							2520 / 86
3440	40	Y400 Δ230	1376	Y0.42 Δ0.73	227	175	64	53	F	5120	4750	4370							3430 / 96
3445	45	Y400 Δ230	1297	Y0.55 Δ0.95	312	220	65	54	F	6540	5910	5470							4020 / 99
3450	50	Y400 Δ230	1304	Y0.72 Δ1.25	414	305	66	55	F	8240	7530	7010	5440						5240 / 105
3456	56	Y400 Δ230	1364	Y1.17 Δ2.03	657	567	70	59	F	11830	10920	10260	8490						7700 / 120
3656	56	Y400 Δ230	936	Y1.05 Δ1.82	384	322	65	54	F	10190	9080	8020							6690 / 65
3463P	63	Y400 Δ230	1439	Y2.75 Δ3.76	1351	1224	74	63	F	17530	16740	16270	15150	13930	12370	10240			10240 / 250
3663	63	Y400 Δ230	931	Y1.38 Δ2.58	687	512	67	56	F	14180	12920	12060							9000 / 97
3671	71	Y400 Δ230	949	Y1.89 Δ3.27	884	741	69	58	F	17970	16500	15450	12190						11320 / 110
3680	80	Y400 Δ230	941	Y2.03 Δ3.52	1047	850	70	59	F	22220	20555	19380	15910						14070 / 122
3480P	80	Y400 Δ230	1429	Y4.58 Δ7.93	2268	2150	77	66	F	28650	27582	26870	25290	23580	21225	18655			17440 / 268
3480D	80	Y400 Δ230	1436	Y4.26 Δ7.38	1981	1520	69	58	F	21610	21130	20810	19990	19050	17920	16495	14770		11050 / 380
3692	92	Y400 Δ230	936	Y2.16 Δ3.74	1033	859	68	57	F	24870	22570	20840	15470						14110 / 110
3692P	92	Y400 Δ230	929	Y3.64 Δ6.3	1850	1324	71	60	F	28080	26600	25560	22810	17820					15200 / 167

Air density 1,2 kg/m³. 1 Pa (Pascal) = 1 N/m² ~ 0,102 mm wk

Measurements without protection grid

Noise production measured at an angle of 45° with the fan axle on 0Pa at a distance of 2m/6.6ft (the values between brackets are measured at a distance of 7m/23ft)