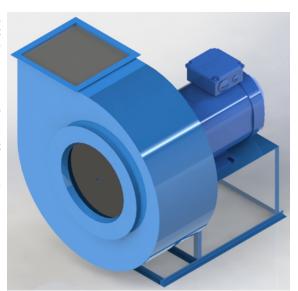
CENTRIFUGAL FANS "CF" SERIES

Industrial premises are required to have high-quality air cleaning systems according to the latest requirements of environmental protection, as industrial dust must not be discharged directly into the atmosphere. These systems are also necessary for the safety of employees, as they contribute to establishing appropriate production conditions, which are required to carry out technological processes.

Air filtration systems consist of a filter unit, a centrifugal fan, and mounting parts that are necessary for connecting all elements of the system to the control panel. The basic operational principle of the system is that the filter unit of the system cleans the dust-contaminated air, using highly effective filter elements, as a result of which only cleaned air is discharged to the atmosphere.

CF series centrifugal fans are the direct drive units with the working volume range from 2000 to 50000 m3 and capacity range from 2.2 to 75 kW.



*CF-30000-D

Full range of CF series centrifugal fans models

Basic	CF-2000-D	CF-5000-D	CF-7500-D	CF-10000-D	CF-15000-D	CF-20000-D	CF-25000-D	CF-30000-D	CF-35000-D	CF-40000-D	CF-45000-D	CF-50000-D
set										<u> </u>		•••••••••••
Air outlet (m³/hr)	2000	5000	7500	10000	15000	20000	25000	30000	35000	40000	45000	50000
Operating temperature (C)	15	15	15	15	15	15	15	15	15	15	15	15
Air density (kg/m³)	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225	1,225
Static pressure (Pa)	1985	2940	2940	2940	2940	2940	2940	2940	2940	2940	2940	2940
Total pressure (Pa)	2100	3300-3500	3300-3500	3240	3240	3240	3240	3240	3240	3240	3240	3240
Energy consumption	1,7	5,5	11	12	17	24	29	34	44	47,5	58	61
(kW)												
RPM	2820	2930	2930	2935	2935	2935	1470	1470	1470	1475	1485	1485
Drive	direct	direct	direct	direct	direct	direct	direct	direct	direct	direct	direct	direct
Electric motor (kW)	2,2	7,5	11	15	30	37	37	37	45	55	75	75
Inlet (mm)	200	285	320	400	450	450	710	800	800	800	900	900
Outlet (mm)	230 x 175	205x288	229x322	300 x 400	320 x 450	320 x 450	500 x 710	560 x 800	560 x 800	560 x 800	650 x 900	650 x 900
Anti-vibration supports (pc)	4	4	4	4	4	4	4	4	6	6	6	6
	3 x 400 V, 50 Hz	3 x 400 V, 50										
	Hz	Hz	Hz						Hz	Hz	Hz	Hz