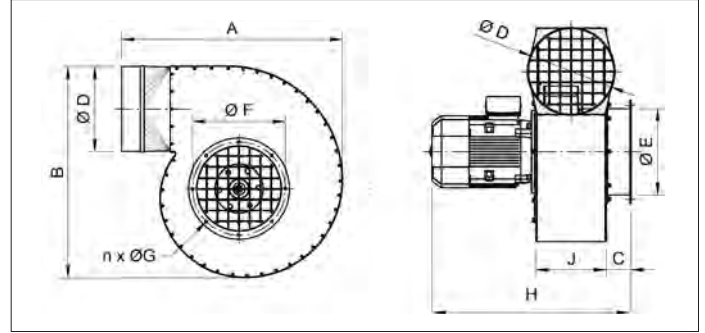


**YOFAN - Extraction fans**



**YOFAN - Extraction fans**

These fans are designed for local ventilation. They are installed on wall brackets inside the buildings (indoor application). As they can overcome significant air flow resistances, they are particularly efficient within the systems of local exhausts.

Maximum temperature of the conveyed air is +60°C. Maximum temperature within the work area +40°C.

Maximum dust concentration of the conveyed air should not exceed 0,3 g/m<sup>3</sup>.

The fans meet the following requirements :

- 2006/42/EC ; Machine directives
- ErP 2009/125/EC Directive.

**Material**

ST37.2 powder coated steel housing  
Aluminum radial impeller

**Structure**

The fan is composed of a housing, an impeller and a motor. The radial aluminum impeller is designed for low noise levels and is directly mounted on the B5 motor. The inlet is foreseen from a flange to directly connect to the extraction fan wall support. The outlet is ended with a round ferrule to easily connect to a flexible or rigid conduit. For safety reason, the inlet and outlet are equipped with a protective grill. It is recommended to install a silencer at the fan inlet and outlet.

**Accessories**

- Support for floor mounting
- Safety switches
- Wall bracket

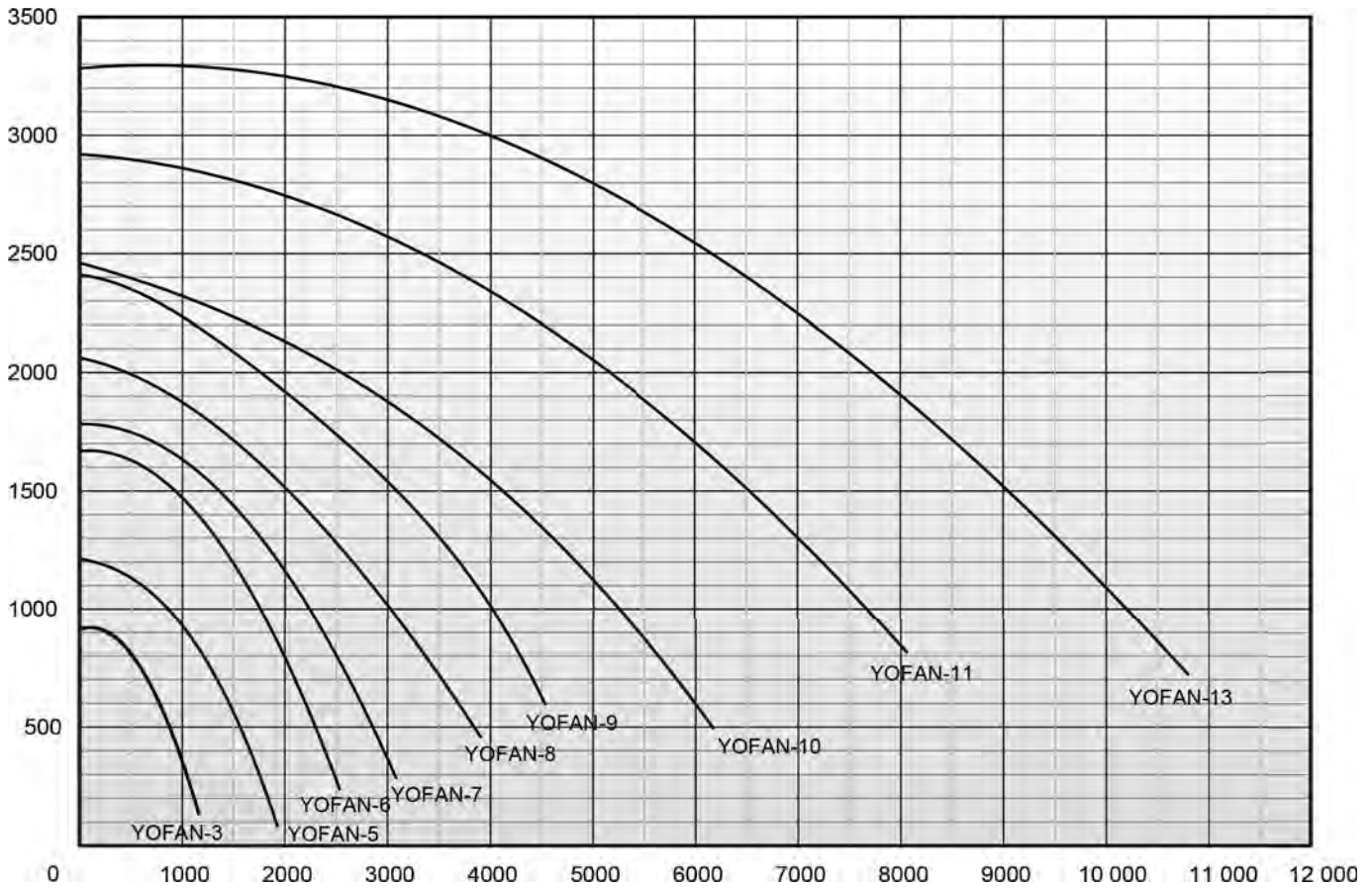
**! Also available manufactured according to the ATEX 95 (2014/34/EC) directive.**

Model	Code	Speed (rpm)	Voltage (V)	Power (kW)	Protection (IP)	Noise level (dB[A])	Airflow (m <sup>3</sup> /h)	Max Vacuum (Pa)	Weight (kg)
YOFAN-3-1	KABA000001	3000	230	0.37	54	64/56*	1160	940	14.0
YOFAN-3-3	KABA000002	3000	3 x 400	0.37	54	64/56*	1160	940	14.0
YOFAN-5-1	KABA000003	3000	230	0.37	54	62/53*	1900	1250	17.0
YOFAN-5-3	KABA000004	3000	3 x 400	0.37	54	62/53*	1900	1250	17.0
YOFAN-6-1	KABA000005	3000	230	0.75	54	69/61*	2500	1700	21.0
YOFAN-6-3	KABA000006	3000	3 x 400	0.75	54	69/61*	2500	1700	21.0
YOFAN-7-1	KABA000007	3000	230	1.1	54	72/60*	3100	1800	23.0
YOFAN-7-3	KABA000008	3000	3 x 400	1.1	54	72/60*	3100	1800	23.0
YOFAN-8-3	KABA000009	3000	3 x 400	1.5	54	74/64*	3900	2050	29.0
YOFAN-9-3	KABA000010	3000	3 x 400	2.2	54	77/68*	4500	2400	36.0
YOFAN-10-3	KABA000011	3000	3 x 400	3.0	54	77/67*	6200	2450	50.0
YOFAN-11-3	KABA000012	3000	3 x 400	5.5	54	83/74*	8050	2950	64.0
YOFAN-13-3	KABA000013	3000	3 x 400	7.5	54	85/76*	10800	3300	85.0

\* Measurement has been carried out with the additional L = 500 mm silencer installed at the fan inlet and outlet (L = 370 mm silencer on the YOFAN-3).

**YOFAN - Extraction fans**

**Curves**



**Dimensions**

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	n x ØG
YOFAN-3-1	415	385	50	125	125	155	7.0	400	130	6
YOFAN-3-3	415	385	50	125	125	155	7.0	400	130	6
YOFAN-5-1	485	480	60	160	160	194	7.0	420	140	6
YOFAN-5-3	485	480	60	160	160	194	7.0	420	140	6
YOFAN-6-1	500	505	60	160	160	194	7.0	445	140	6
YOFAN-6-3	500	505	60	160	160	194	7.0	445	140	6
YOFAN-7-1	550	520	60	200	16+0	194	7.0	160	155	6
YOFAN-7-3	550	520	60	200	16+0	194	7.0	160	155	6
YOFAN-8-3	570	550	60	200	200	246	9.0	490	155	8
YOFAN-9-3	615	615	60	200	200	246	9.0	510	155	8
YOFAN-10-3	655	625	80	250	250	274	9.0	670	232	8
YOFAN-11-3	675	645	80	250	250	274	9.0	380	232	8
YOFAN-13-3	805	780	90	315	315	344	9.0	735	258	8