

MPS F4

Oily fume extraction fan for kitchen



Product

MPS F4

Application

Civil and industrial applications

Construction

External housing: galvanized steel sheet lined with 40 mm non-combustible mineral wool

SPECIFICATIONS

Fan wheel for oily kitchen fume extraction with average conveyed temperatures up to 200 °C in continuous operation or 400 °C for 120 minutes.

External casing in galvanized steel sheet lined with 40 mm non-combustible mineral wool according to DIN EN 13501-1 standard, building material class A1.

Assembled mounting guides fitted with rubber vibration dampers; they can also be repositioned on the housing, allowing three discharge directions. Air tube connectors with standard dimensions and double-lip seals for airtight connections.

Grease container / condensate drain integrated in the body, usable only if installed with upward discharge.

Condensate drain tap located under the base of the device.

FAN

High-performance impeller with backward curved blades consisting of a powder-coated steel plate, mounted on the shaft of a three-phase motor with a special seal that prevents oil and water ingress.

It is dynamically balanced according to quality class G 6.3

of DIN / ISO 1940, on 2 planes.

Maintenance-free, self-lubricating ball bearings, sealed on the cabinet sides.

Openable fan section, lockable in the open position and therefore also usable as an access door for cleaning and maintenance work.

MOTOR

Motor in three-phase 400V/50 Hz version, IEC standard.

Speed control via frequency converter.

Motor outside the airflow for optimal protection from dirt.

The motor thermal protection must be installed on site.

APPLICATIONS



CANTEENS



RESTAURANTS

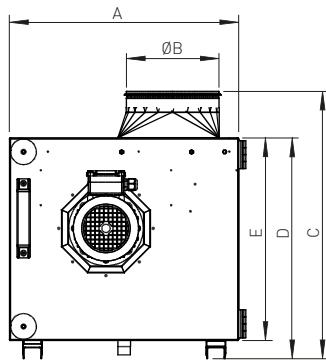


FAST FOOD

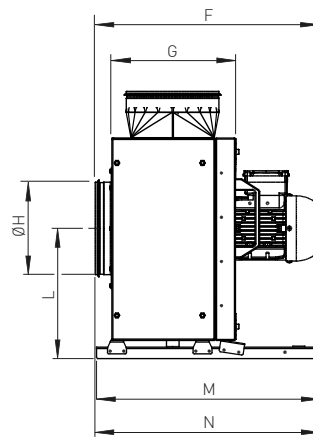


DIMENSIONS

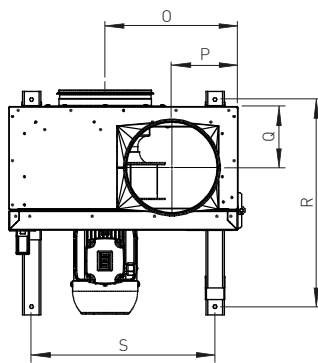
MPS F4 Model	A	ØB	C	D	E	F	G	ØH	L	M	N	O	P	Q	R	S
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
225 D2 F4 30	492	199	574	474	435	481	265	199	279	480	483	285	142	131	445	394
250 D2 F4 30	592	249	693	561	522	550	315	249	329	540	562	344	166	156	505	494
280 D2 F4 30	592	314	692	561	522	555	315	314	329	540	567	344	199	156	505	494
315 D2 F4 30	700	354	790	663	624	624	365	354	382	590	620	404	218	181	555	602
315 D4 F4 30	700	354	790	663	624	624	365	354	382	590	620	404	218	181	555	602
355 D4 F4 30	700	354	790	663	624	624	365	354	382	590	620	404	218	181	555	602
400 D4 F4 30	832	354	916	789	750	624	365	354	448	590	620	477	218	181	555	734
450 D4 F4 30	832	354	916	789	750	667	365	354	448	590	620	477	218	181	555	734
500 D4 F4 30	1016	399	1098	954	915	821	510	399	539	834	873	584	242	253	799	918
560 D4 F4 30	1016	499	1112	954	915	859	510	499	539	834	876	584	290	253	799	918



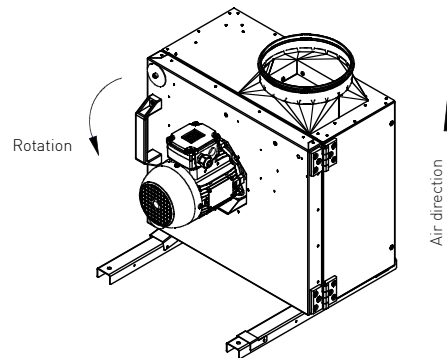
FRONT VIEW



LEFT SIDE VIEW



TOP VIEW



MPS F4

Kitchen oily fume extraction fan

TECHNICAL CHARACTERISTICS

MPS F4 Model	Flow rate max. m³/h	Speed max. RPM	Power supply Volt/Hz	I max. A	Power max. absorbed W	Sound power dB(A)	Degree of protection	Wt. kg
225 D2 F4 30	1960	3530	400/50	0,9	486	83	IP55	29,3
250 D2 F4 30	2730	3480	400/50	1,3	756	85	IP55	38
280 D2 F4 30	3350	2920	400/50	1,3	759	85	IP55	38,5
315 D2 F4 30	4520	2950	400/50	2,4	1221	87	IP55	52,9
315 D4 F4 30	3580	2360	400/50	1,2	669	80	IP55	52,9
355 D4 F4 30	4350	2060	400/50	1,4	775	82	IP55	54,7
400 D4 F4 30	4450	1480	400/50	1,1	564	74	IP55	72,1
450 D4 F4 30	6660	1630	400/50	2,5	1278	82	IP55	74,9
500 D4 F4 30	7890	1490	400/50	3	1504	83	IP55	112,7
560 D4 F4 30	11840	1480	400/50	5	2577	86	IP55	115

ACCESSORIES



Safety switch
ON/OFF



RVIT
Inverter IP20 and IP66



Disconnector
and switch 2 V 20 A



Weather protection
enclosure in galvanized
steel sheet



Wall bracket in galvanized
steel sheet
(1 set= 2 pcs)

All images are only indicative of the product type and may differ from the actual article.