



Duct fans ICM



High
pressure



Two-speed
motor



IP 45 protection
class



Easy
installation

Design

Duct fan, diagonal. Its unique design allows it to achieve high operating parameters with relatively low noise and low energy consumption. The fan cover is made of polypropylene, while the rotor is made of ABS plastic. Special connectors make it easy to install, remove and maintain the appliance. The device can be installed both horizontally and vertically.

Usage

The ICM fan is designed to transport clean air. It is ideal for the installation of air-supply and exhaust in residential buildings, public utility buildings, offices, shops. The device can also be used for the installation of fume hoods from kitchen hoods that require the use of grease filters.

Electric motor

Two-speed motor, powered by single-phase current 230V, 50Hz. Suitable for voltage regulation. Protection class IP 44, insulation class B. The motor is equipped with durable ball bearings and thermal protection of the winding against overload.

Operating temperature

The fan is designed to transmit air with a temperature not exceeding 60°C.



Dynamically balanced
diagonal rotor



Sealed connection box located
on the cover



Special profiled guides located
behind the rotor ensure higher
efficiency



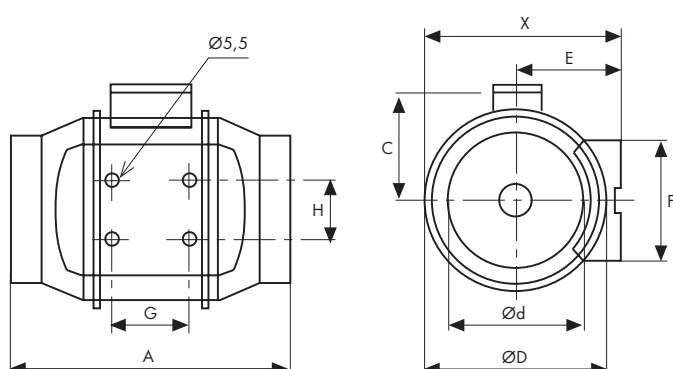
Stable mounting base
for the fan

Technical specifications

Model	Speed	Air flow [m³/h]	Impeller speed [rpm]	Power [W]	Current [A]	Voltage [V]	Frequency [Hz]	Sound pressure level [dB(A)]	Weight [kg]	Switch HRS	Controller HRX	Controller HRB
ICM-100/200M	HS	198	2200	26	0,12	230	50	31	2,0	Yes	1,0	1,5
	LS	165	1850	23	0,11			26				
ICM-125/290M	HS	284	2250	33	0,14	230	50	31	1,8	Yes	1,0	1,5
	LS	248	1850	28	0,13			26				
ICM-150-160/530M	HS	530	2550	54	0,24	230	50	33	2,7	Yes	1,0	1,5
	LS	410	1850	48	0,21			29				
ICM-200/840M	HS	840	2450	128	0,57	230	50	63	4,9	Yes	1,0	1,5
	LS	690	1950	123	0,52			55				
ICM-250/1410M	HS	1405	2450	225	1,20	230	50	66	7,5	Yes	2,5	1,5
	LS	1064	1950	165	0,75			58				
ICM-315/2210M	HS	2206	2350	390	1,90	230	50	69	11,3	Yes	2,5	3,0
	LS	1750	1650	275	1,40			61				

Sound pressure level measured at 3m.

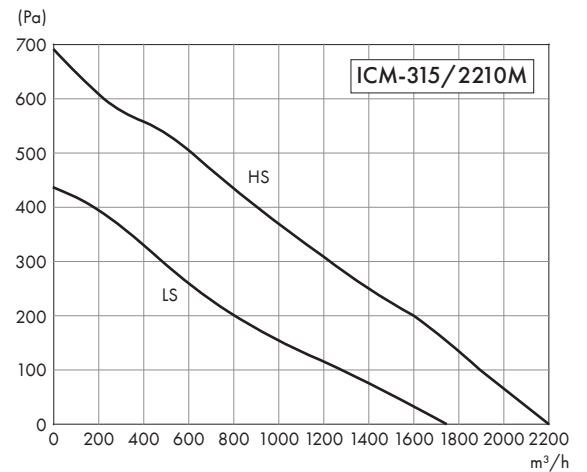
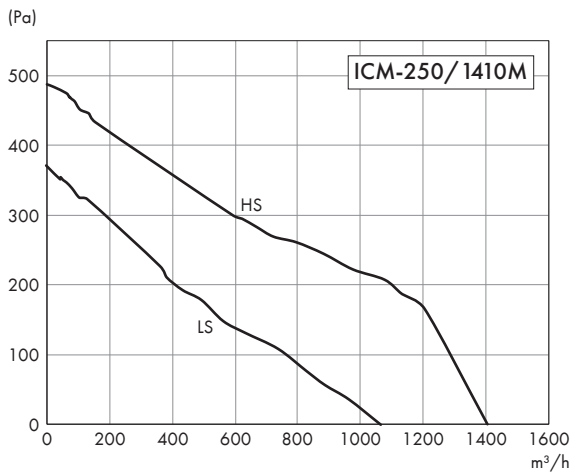
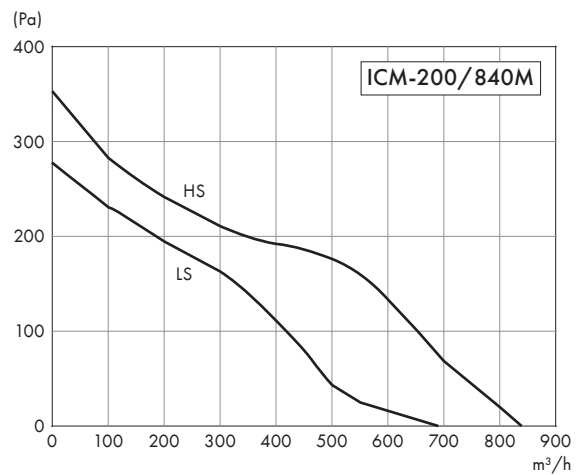
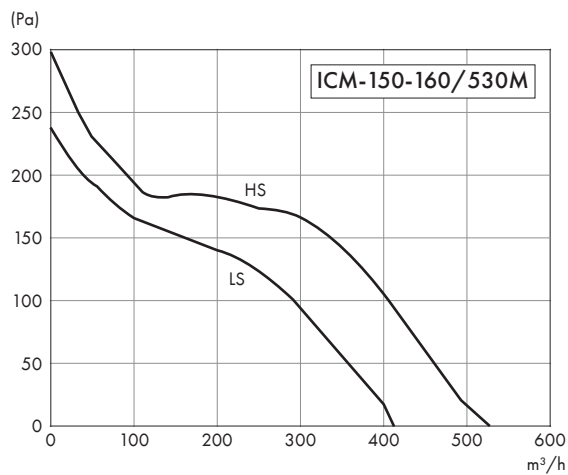
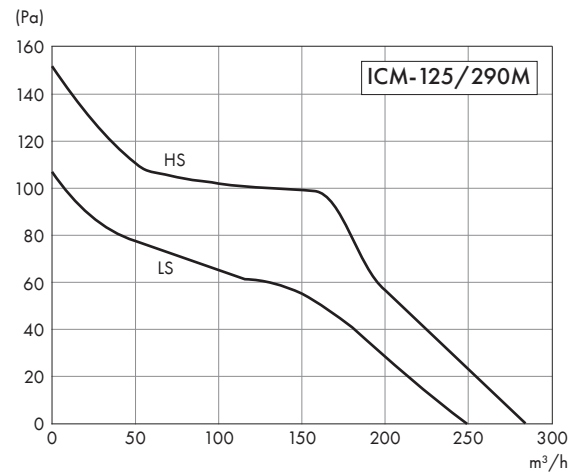
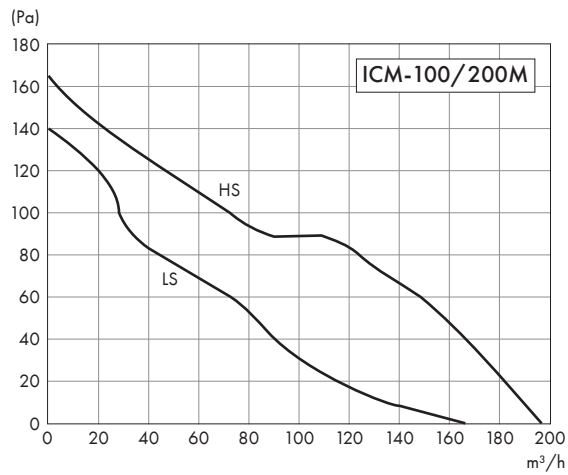
Technical drawing



Dimensions [mm]

Model	X	A	ØD	C	Ød	E	F	G	H
ICM-100/200M	188	303	176	115	97	100	90	80	60
ICM-125/290M	188	258	176	115	123	100	90	80	60
ICM-150-160/530M	212	320	200	127	147/158	112	130	80	60
ICM-200/840M	232	302	217	141	197	124	140	100	94
ICM-250/1410M	286	383	258	173	247	151	195	150	173
ICM-315/2210M	357	446	324	216	312	187	220	181	216

Characteristics



Accessories



HRS

Single-phase motor gear switch
page 175



HRB

Transformer speed controller
page 176



PSH

Pressure switch
page 173



PCC

Fastening clamp
page 81



HRX

Electronic speed controller
page 174



FKOV

Filter G3 for round ducts
page 83



AKUFLEX

Flexible acoustic silencer
page 71



RSKV

Backdraft damper
page 41



WSH

Service switch
page 177