

DIRECT-DRIVEN TYPE INSULATED CASING FAN

Rev.01
27-05-2015



GMC ICF-525:

Direct driven centrifugal fan box with acoustic insulation. The range consists of 5 sizes and 7 types and covers an air flow range from 250 up to 7000 m³/h.

Application

- used for air supply or exhaust of offices, restaurants or shops

Composition

- manufactured from fabricated sheet steel and internally lined with high grade acoustic insulation material

Fan

- Centrifugal fan with forward curved impeller manufactured from pressed and formed galvanised sheet steel
- Dynamically balanced and to minimise vibration

Motor

- Supply: 220V 1ph or 240V 1ph
- Working temperature: 30°C to 50°C

Air Volume Values

Model	Qv [m ³ /h]									
	0 Pa	50 Pa	100 Pa	150 Pa	200 Pa	250 Pa	300 Pa	400 Pa	500 Pa	
Mk.	6-6-250	400	90	-	-	-	-	-	-	
	6-6-550	-	150	-	-	-	-	-	-	
	6-6-750	-	250	-	-	-	-	-	-	
	7-7-900	1250	1050	550	-	-	-	-	-	
	7-7-1400	1450	1400	1350	1150	850	350	-	-	
	9-9-9001/6	2000	1900	1700	1300	-	-	-	-	
	9-9-9001/3	2900	2700	2400	1700	300	-	-	-	
	9-9-1400	-	-	3000	2750	2500	2400	2100	400	
	10-10-900	-	3200	3100	2700	1700	200	-	-	
	10-10-1400	-	-	-	-	4000	3800	3500	2300	600
	12-9-900	-	-	-	-	-	5000	4200	500	-
	12-12-900	-	-	-	4700	4400	2500	1600	-	-
	12-12-1100	-	-	-	6900	6300	5200	2500	-	-

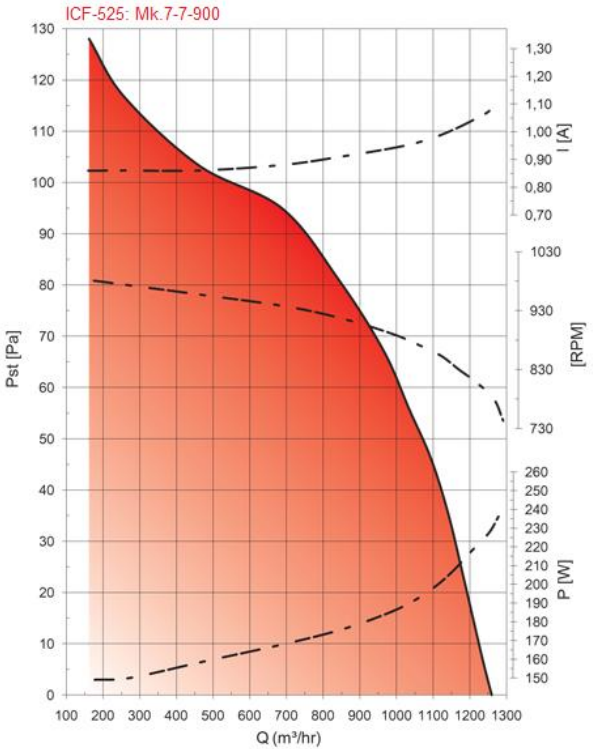
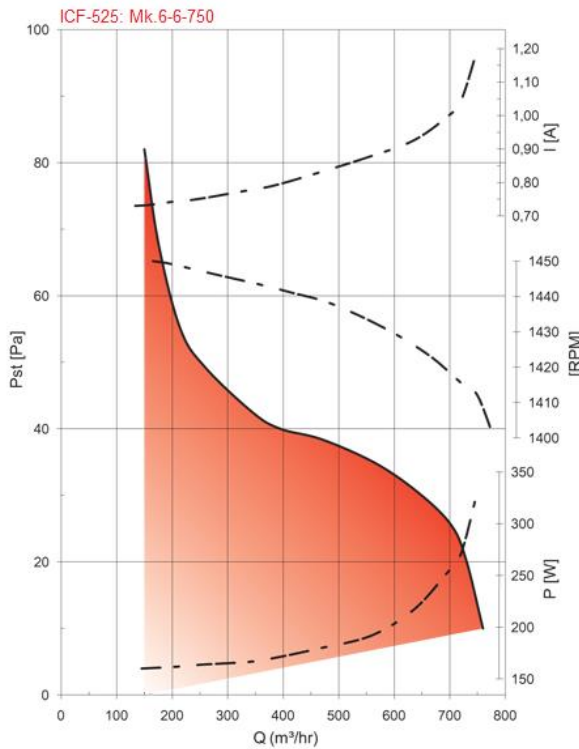
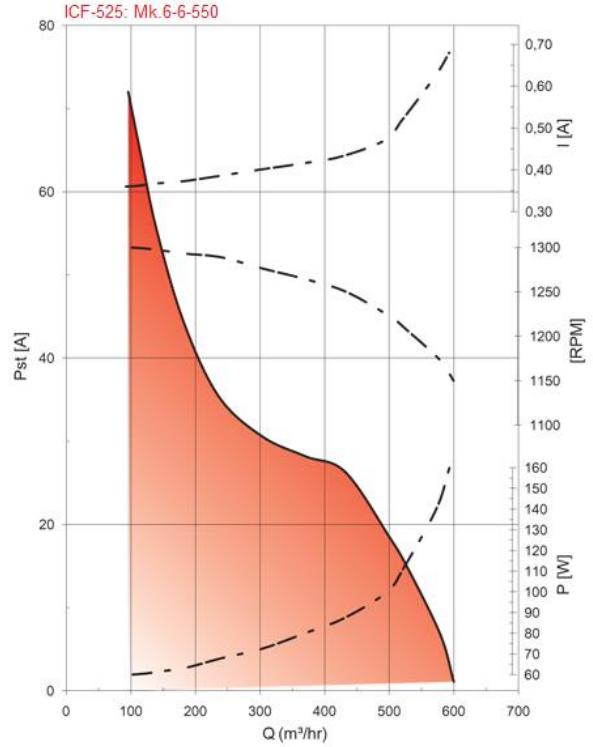
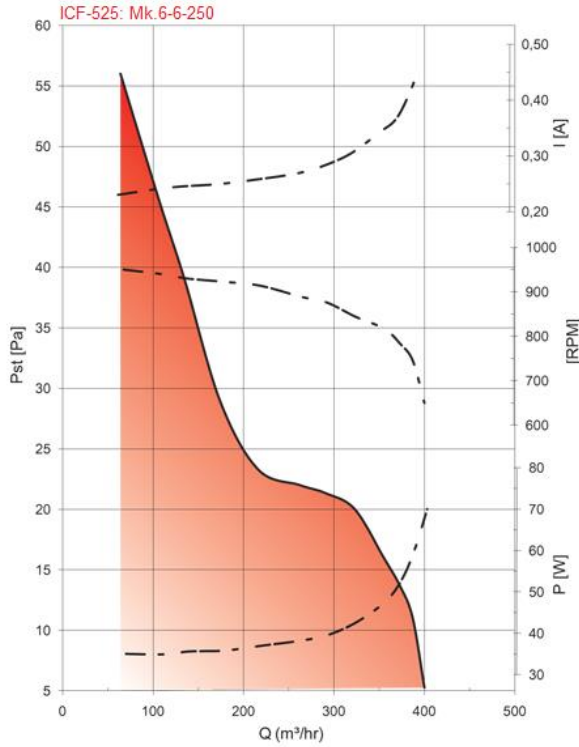


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Pressure loss graph

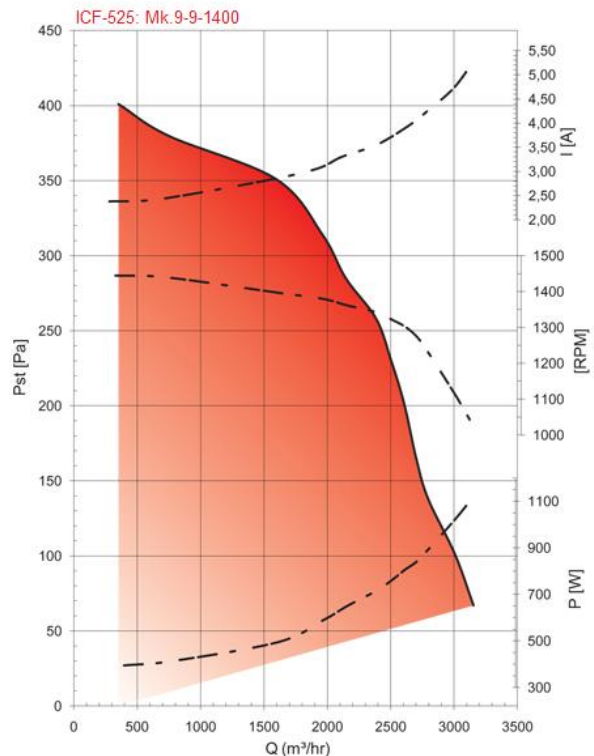
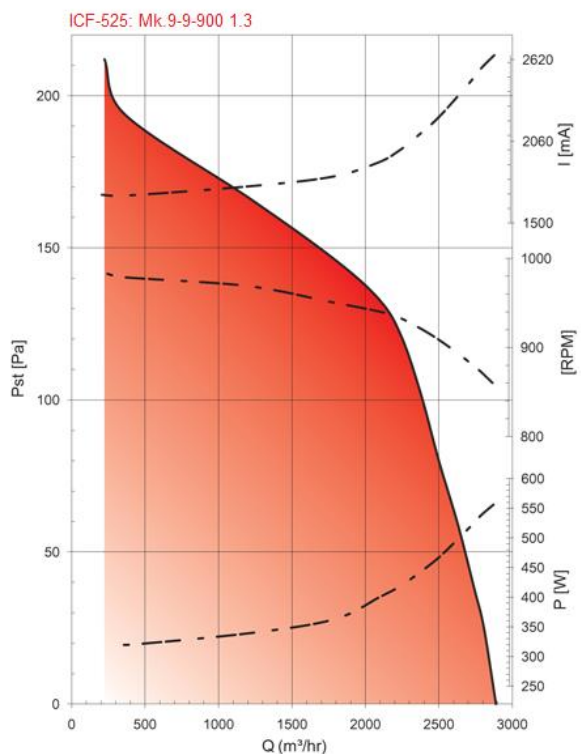
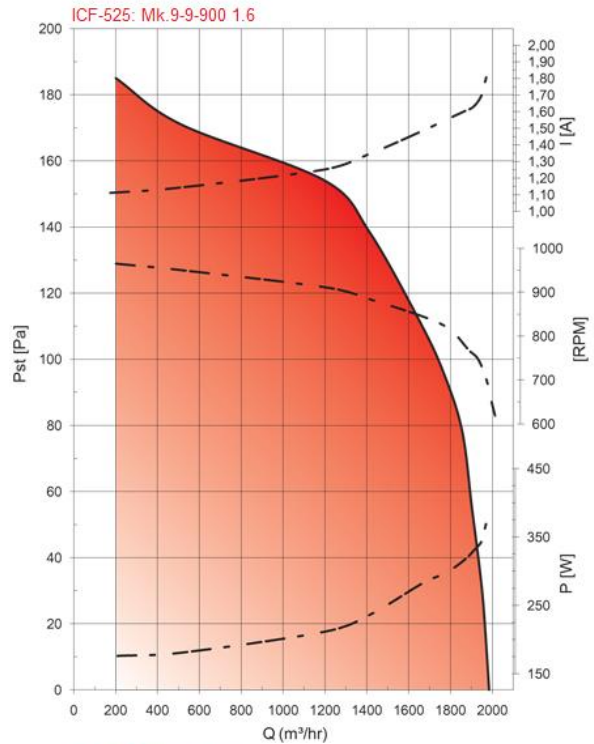
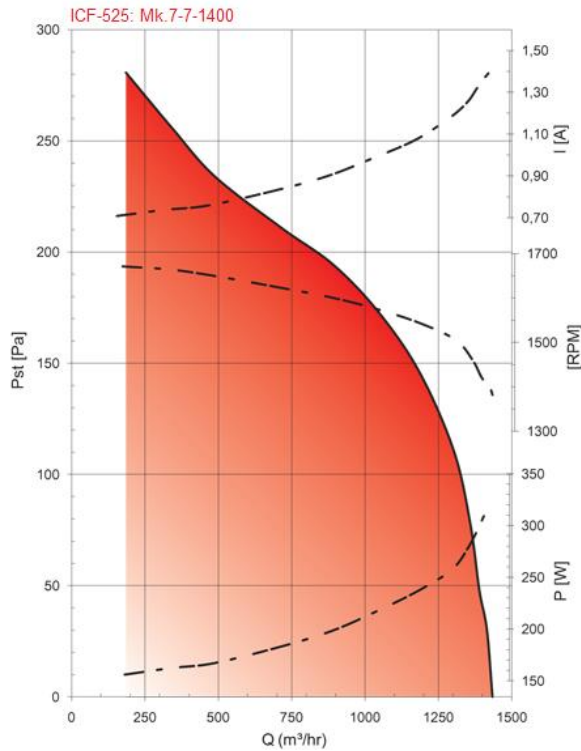


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Pressure loss graph

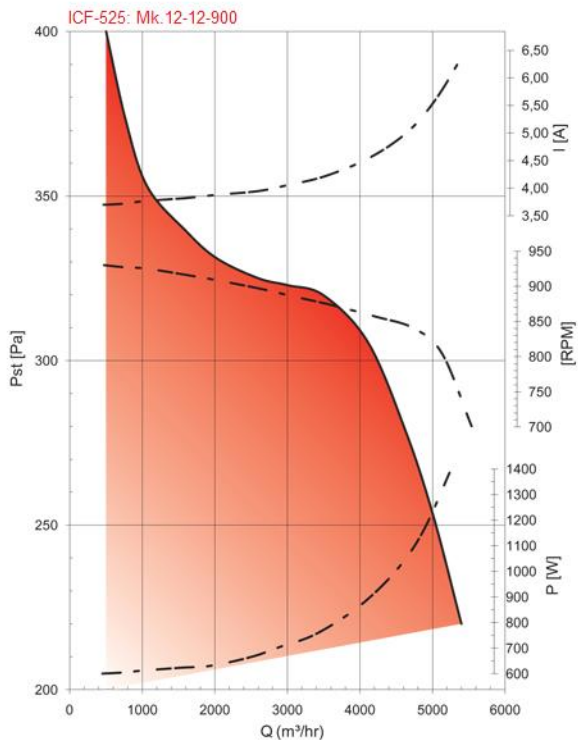
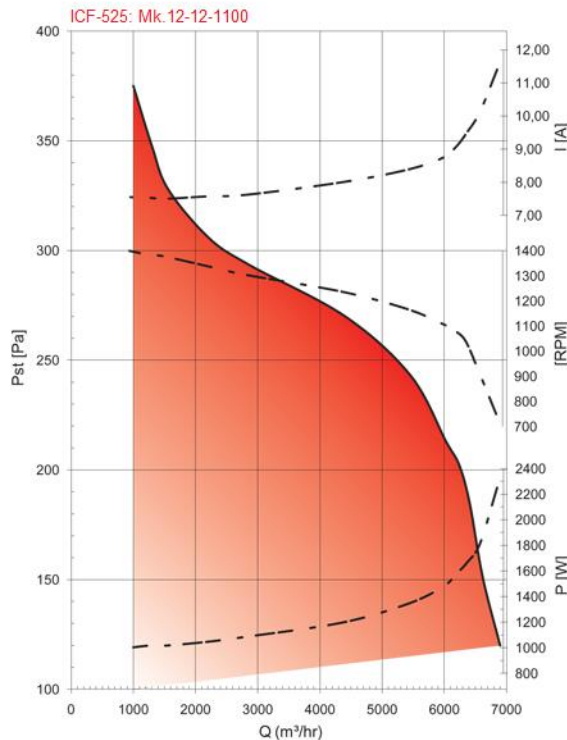
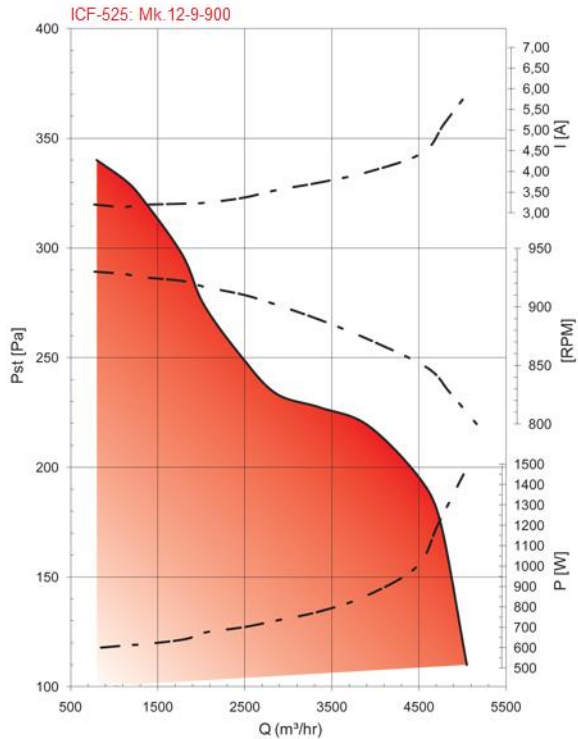
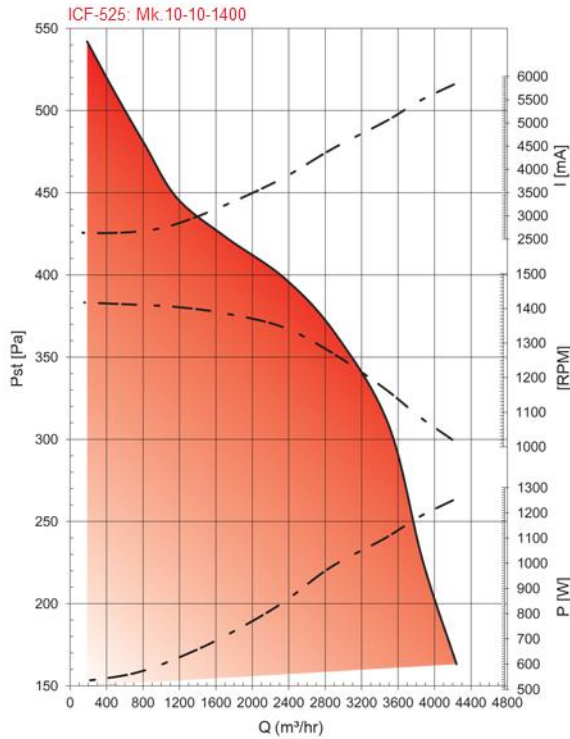


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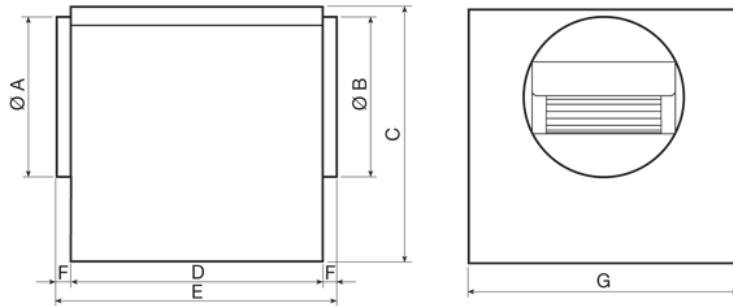
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Technical data

Mk.		m ³ /h	I _{max} (A)	P _{max} (W)	RPM
	6-6-250	250	0.22	44	460
	6-6-550	550	0.27	65	630
	6-6-750	750	0.39	89	840
	7-7-900	1200	0.69	185	1330
	7-7-1400	1500	1.54	399	1250
	9-9-9001/6	2000	2.30	420	870
	9-9-9001/3	2500	2.54	540	1010
	9-9-1400	3000	6.27	1280	1375
	10-10-1400	4250	6.71	1340	1195
	12-9-900	5000	6	870	1250
	12-12-900	6000	6.50	1400	900
	12-12-1100	7000	11.28	2250	972



Dimensions

Mk.		ØA (mm)	ØB (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
	6-6-250	125	125	350	350	450	50	350
	6-6-550	160	160	350	350	450	50	350
	6-6-750	200	200	350	350	450	50	350
	7-7-900	250	250	450	450	550	50	450
	7-7-1400	250	250	450	450	550	50	450
	9-9-9001/6	355	355	550	550	650	50	550
	9-9-9001/3	355	355	550	550	650	50	550
	9-9-1400	355	355	550	550	650	50	550
	10-10-1400	400	400	650	650	750	50	650
	12-9-900	400	400	650	650	750	50	650
	12-12-900	450	450	750	750	850	50	750
	12-12-1100	450	450	750	750	850	50	750