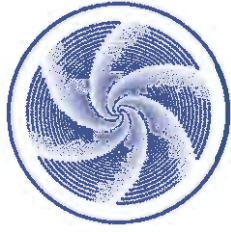


CIRCULAR DUCT FAN



**SUPER
VENT**



BETA
Industrial

PRODUCTS CATALOGUE



Mutassim Al-Daour factory
for Metal Industries

PRODUCT BULLETIN

SV-2





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Introduction

SUPER VENT

Circular Duct Fan

Application:

Clean air low flow ventilation with less acoustic level in a compact design suitable for commercial and industrial applications; kitchens, bathrooms, offices, stores, dry cleaners, shops, restaurants etc.....

Advantages:

- Quick installation with the use of round ducts
- Can be installed in any position
- Electrical connection via IP 44 terminal box fitted to the outside
- 100% variable speed controllable

Construction:

Fan casing and mounting brackets are made up of metal, corrosion resistant spray plastic painted.

Impeller:

Fan consist of backward curved Impeller for fan size up to 150mm are made up of plastic and size 160mm above are made up of metal.

Motor:

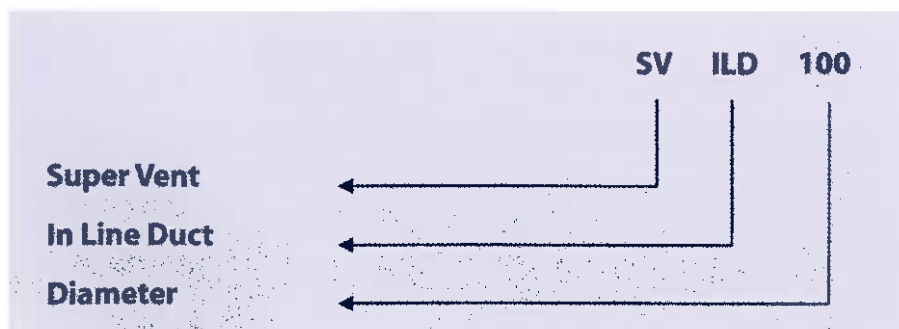
Speed controllable variable speed rotor motors, with protection class IP 44, Insulation class F & maintenance free ball bearings.

Electrical connections:

The electrical connection can be made via IP 44 terminal box

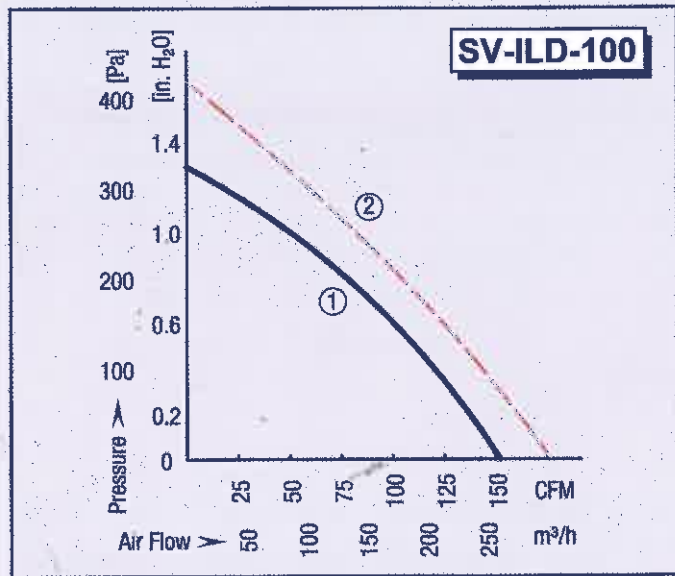
The performance data as indicated on the performance curves charts are for the standard version at 50/60Hz,

Reference code:

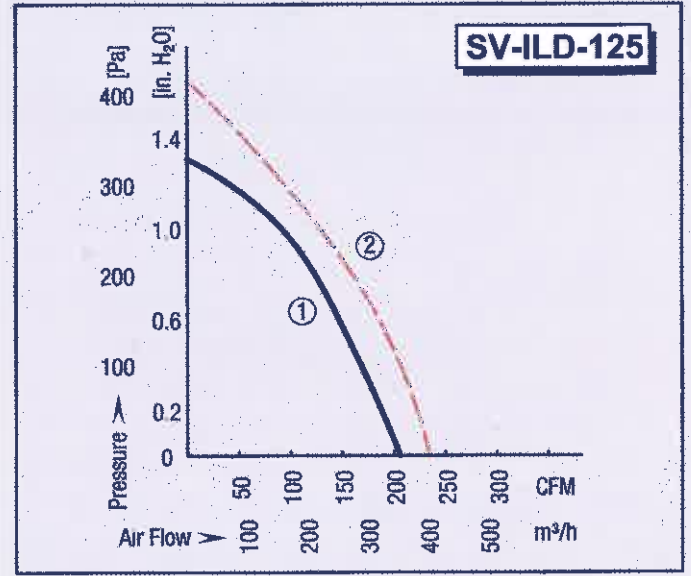




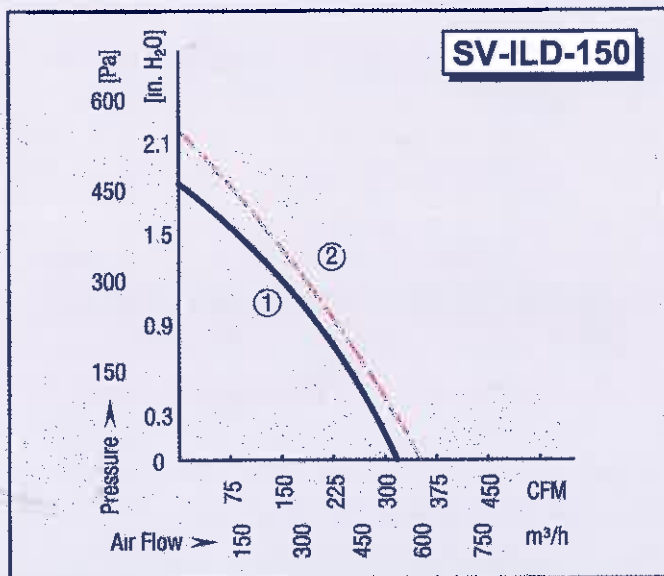
Performance Graph



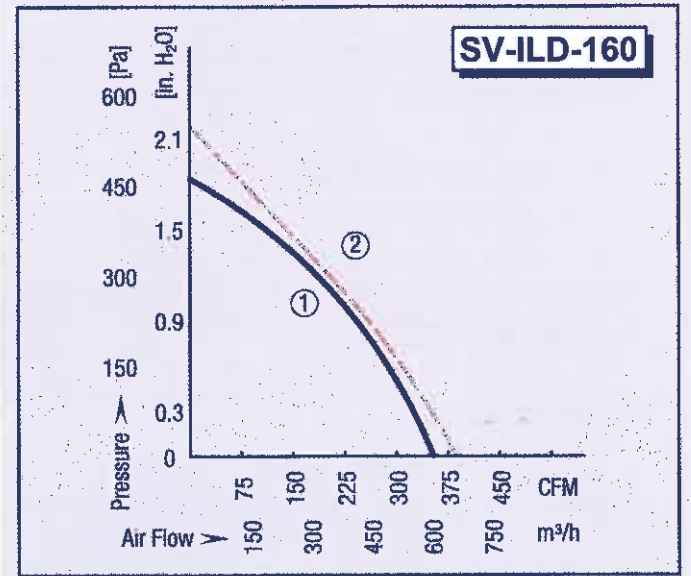
Model No.	V	Hz	A	W	rpm	m ³ /h /CFM	dB(A)	Temp. °C	Curve #
SV-ILD-100	220/230	50	0.32	66	2300	260/153	58	-30/+60	1
		60	0.4	86	2390	300/176	61	-30/+60	2



Model No.	V	Hz	A	W	rpm	m ³ /h /CFM	dB(A)	Temp. °C	Curve #
SV-ILD-125	220/230	50	0.33	73	2130	350/206	58	-30/+60	1
		60	0.4	85	2300	400/235	61	-30/+60	2



Model No.	V	Hz	A	W	rpm	m ³ /h /CFM	dB(A)	Temp. °C	Curve #
SV-ILD-150	220/230	50	0.42	91	2415	550/324	60	-30/+60	1
		60	0.53	118	2520	600/353	65	-30/+60	2

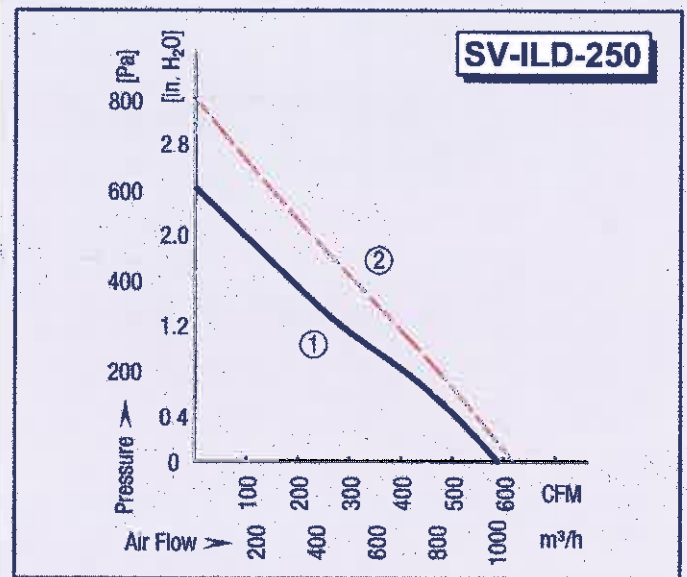
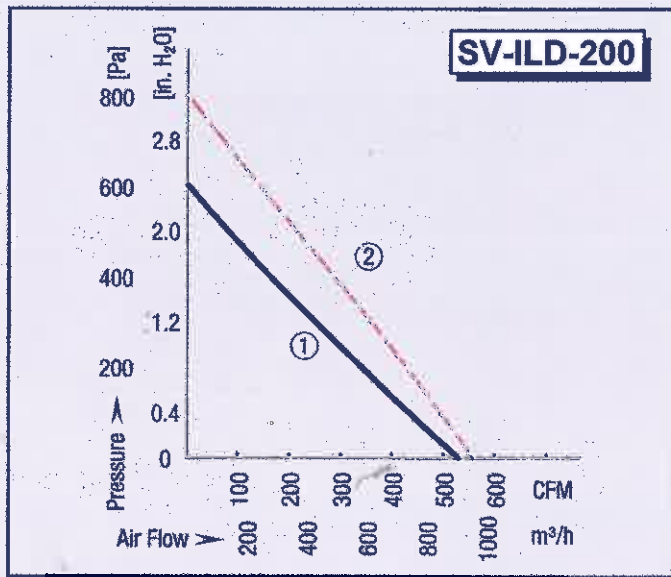


Model No.	V	Hz	A	W	rpm	m ³ /h /CFM	dB(A)	Temp. °C	Curve #
SV-ILD-160	220/230	50	0.48	105	2120	600/353	63	-30/+60	1
		60	0.60	133	2100	650/382	65	-30/+60	2



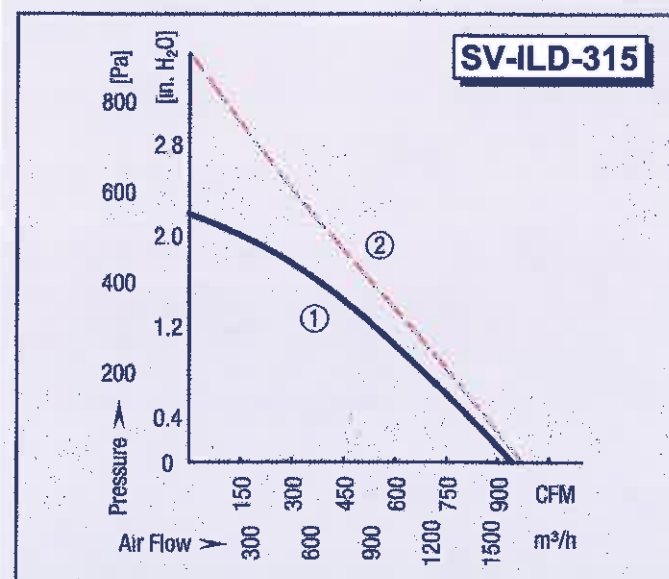


Performance Graph



Model No.	V	Hz	A	W	rpm	m ³ /h /CFM	dB(A)	Temp. °C	Curve #
SV-ILD-200	220/230	50	0.8	175	2470	900/529	63	-30/+60	1
		60	0.94	212	2280	950/559	67	-30/+60	2

Model No.	V	Hz	A	W	rpm	m ³ /h /CFM	dB(A)	Temp. °C	Curve #
SV-ILD-250	220/230	50	0.71	156	2380	1000/588	63	-30/+60	1
		60	0.93	207	2340	1050/618	68	-30/+60	2



Model No.	V	Hz	A	W	rpm	m ³ /h /CFM	dB(A)	Temp. °C	Curve #
SV-ILD-315	220/230	50	0.92	202	2500	1600/941	68	-30/+60	1
		60	1.21	277	2540	1650/971	70	-30/+60	2





Technical & Acoustic Data

Technical Data in CFM

Fan Model	RPM		Watt		Volt-Ph		CFM																			
	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	0.2" SP		0.4" SP		0.6" SP		0.8" SP		1" SP		1.2" SP		1.4" SP		1.6" SP		1.8" SP			
							50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
SVILD 100	2300	2390	66	86	220-230	220-230	138	160	115	138	100	125	75	105	50	80	14	70	-	35	-	12	-	-	-	
SVILD 125	2130	2300	73	85	220-230	220-230	212	225	170	200	150	212	125	162	90	112	45	90	-	50	-	-	-	-	-	
SVILD 150	2415	2520	91	118	220-230	220-230	280	310	260	280	250	262	225	240	190	225	150	175	85	140	70	110	-	75	-	
SVILD 160	2120	2100	105	133	220-230	220-230	325	365	310	337	270	300	255	265	225	240	180	205	130	175	85	132	-	75	-	
SVILD 200	2470	2280	175	212	220-230	220-230	470	530	410	480	380	450	350	420	300	400	250	350	200	300	220	300	160	280	100	240
SVILD 250	2380	2340	156	207	220-230	220-230	550	580	500	550	450	500	410	470	350	440	290	390	220	350	220	350	180	300	140	250
SVILD 315	2500	2540	202	277	220-230	220-230	840	900	788	850	712	780	675	750	610	712	525	675	450	580	425	525	262	475	-	

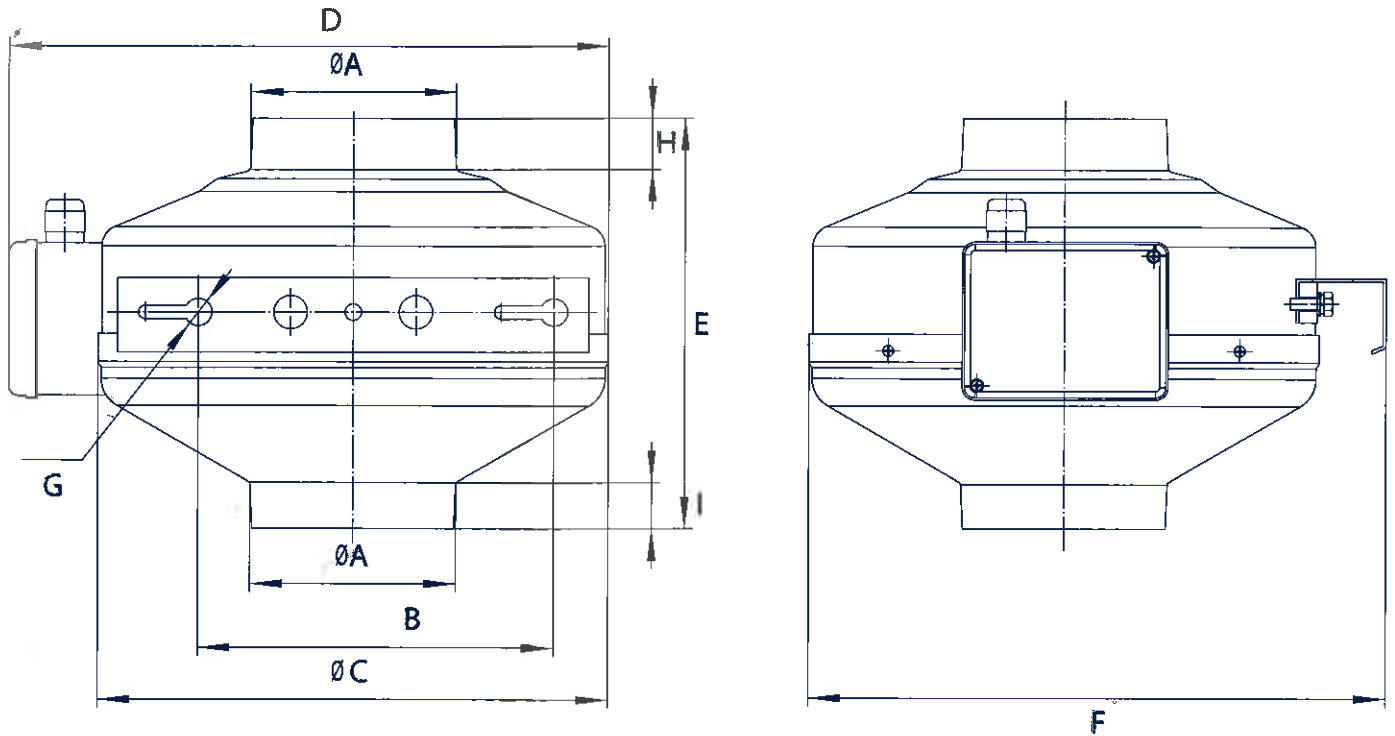
Noise Levels - Octave Bands

Fan Model	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	dBa at 1m
SVILD 100	56	65	61	55	58	50	44	58
SVILD 125	57	64	64	57	61	55	45	58
SVILD 150	61	76	62	68	58	56	44	60
SVILD 160	55	65	63	64	59	59	51	63
SVILD 200	59	66	71	68	65	65	59	63
SVILD 250	60	66	71	72	64	63	58	63
SVILD 315	63	73	74	75	71	67	71	68





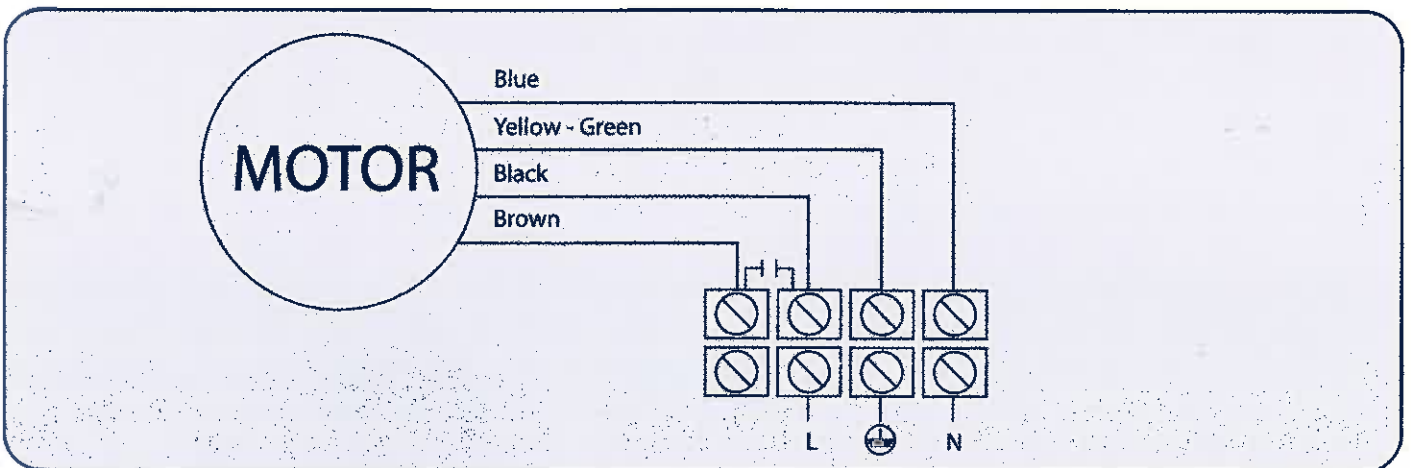
Dimensions & Electrical Details



Dimensions (mm)

Fan Model	dia A	B	dia C	D	E	F	G	H	I
SV ILD 100	98.2	170	243	286	196	275	2-dia 13	22	22
SV ILD 125	125	170	243	286	196	275	2-dia 13	25	27
SV ILD 150	147	170	333	377	217	365	2-dia 13	25	22
SV ILD 160	160	170	333	377	217	365	2-dia 13	25	25
SV ILD 200	198	170	333	377	216	365	2-dia 13	25	25
SV ILD 250	247	170	333	377	216	365	2-dia 13	25	36
SV ILD 315	315	170	402	444.5	255	434	2-dia 13	32	40

Wiring





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