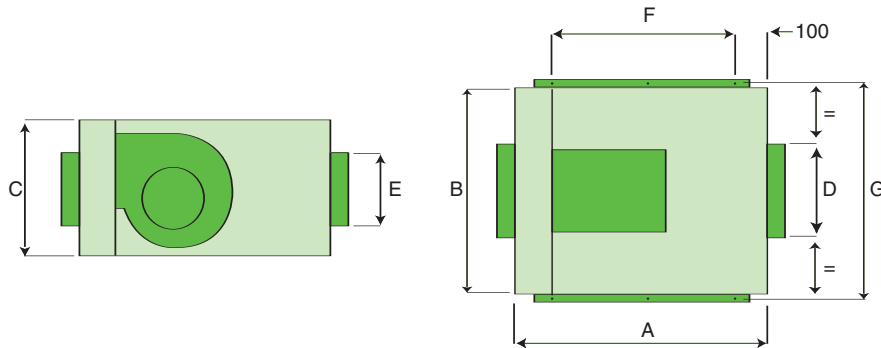


DUCT MOUNTED SINGLE FANS DIRECT DRIVE - SSDD/L singleflow



Model	A	B	C	D	E	F	G	Wt. kg.
SSDD 1/L	400	375	210	125	125	200	425	9.5
SSDD 2/L	425	500	260	150	150	225	550	15.5
SSDD 3/L	425	500	260	200	200	225	550	21.5
SSDD 4/L	475	550	300	250	250	275	600	27.5
SSDD 5/L	575	700	440	315	315	375	750	33
SSDD 6/L	700	800	460	400	400	500	850	35.5
SSDD 7/L	850	900	570	500	500	650	950	52

SPECIFICATION

General

The Singleflow duct mounted, direct drive fan SSDD shall be from the Select range of Elta Fans Ltd. The unit casing shall be manufactured from 0.9 or 1.2mm thick hot dipped galvanised mild steel sheet suitably braced for rigidity. The casing shall incorporate square spigot connections on the inlet and discharge.

Units can be supplied with or without acoustic lining.

Where acoustically lined units are required the lining shall be an open cell foam conforming to Class O of the U.K. Building Regulations. Access panels shall be provided for ease of servicing.

Fans

Fans are to be double inlet double width forward curved centrifugal type housed in a purpose designed scroll with integral deep drawn inlet rings to facilitate maximum efficiency.

Motors

Motors are to have anti-vibration mounts fitted between the motor mounting arms and the fan case. Motors shall be pre wired to a terminal box mounted on the outside of the unit casing. The units are to be suitable for operating temperatures of up to +40°C. Operation at higher temperature is possible when Class F motors are incorporated. Contact Elta Fans for these requirements.

Quality Management

All units are to be designed and manufactured with procedures as defined in BS EN ISO 9001:2000. EEC directives shall be met.

SSDD units are to be tested to ISO 5801:1997 (airside performance) and BS 848 pt 2:1985 (sound performance).

ACCESSORIES

- ◆ Anti-Vibration Mounts
- ◆ Flexible Connectors
- ◆ Isolators
- ◆ Speed Controllers

DUCT MOUNTED SINGLE FANS DIRECT DRIVE - SSDD/L singleflow



SINGLE FAN - SINGLE PHASE - FIXED OR VARIABLE SPEED 220-240V / 1PH / 50HZ

Product Code	Speed rpm	Airflow m ³ /sec @ Static Pressure Pa.												Motor Electrical Data			Speed Controller		Sound Level dBA @ 3m		Breakout dBA @ 3m		Silencer Data					
		0	25	50	75	100	150	200	250	300	350	400	FL Amps	SC Amps	Input kW	Elec-tronic	Trans-former	SSDD	SSDD/L	SSDD	SSDD/L	dBA Attenuation			ΔP (Pa)			
																						600L	900L	1250L	600L	900L	1250L	
SSDD1/L	2250	0.056	0.053	0.050	0.047	0.043	0.036	0.028	0.019				0.37	1.41	0.085	EL13	TC12	32	31	27	26	-7	-9	-11	10	11	12	
SSDD2/L	1330	0.179	0.158	0.133	0.107	0.070							0.43	1.38	0.098	EL13	TC12	38	37	31	30	-7	-9	-11	18	20	22	
SSDD3/L	1220	0.280	0.257	0.232	0.209	0.184	0.133	0.082	0.028				1.20	4.80	0.250	EL13	TC12	45	43	36	34	-6	-8	-9	26	28	30	
SSDD4/L	1415	0.465	0.436	0.404	0.372	0.340	0.272	0.190	0.104	0.030			2.70	9.60	0.500	EL16	TC14	50	48	44	42	-6	-8	-10	12	13	14	
SSDD5/L	1250	0.800	0.778	0.760	0.734	0.716	0.660	0.604	0.534	0.430	0.279	0.100	4.40	12.60	0.960	EL16	TC17	50	48	43	41	-7	-9	-12	21	23	25	
SSDD6/L	1310	0.960	0.945	0.915	0.898	0.875	0.825	0.770	0.682	0.565	0.302	0.150	5.20	18.90	1.100	EL16	TC17	54	52	46	44	-7	-9	-11	20	22	24	
SSDD7/L	820	1.410	1.370	1.320	1.280	1.220	1.100	0.965	0.785	0.430	0.150		7.00	20.70	1.400	-	TC19	55	53	47	45	-8	-11	-14	16	17	18	

Sound levels are average spherical free field values (for comparative use only). Value at 50% peak pressure.

NB. Motors wound for 220-240V/1PH/60Hz supply are available upon request - Contact Elta Fans for these requirements.