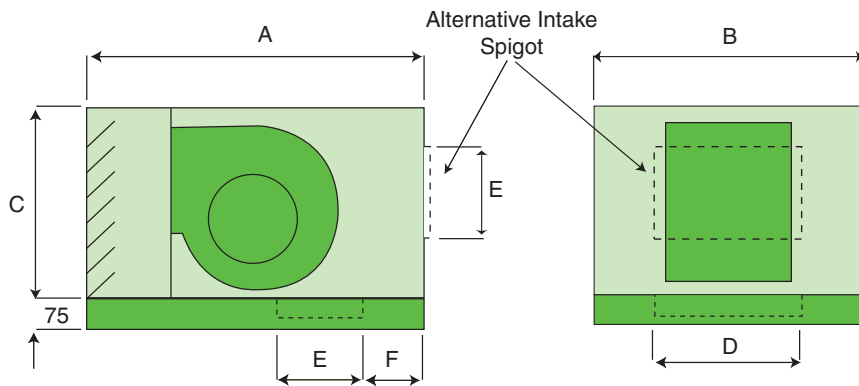


ROOF MOUNTED SINGLE FANS DIRECT DRIVE - SSDR/L singleflow



Model	A	B	C	D	E	F	Wt. kg.
SSDR 1/L	500	340	275	175	100	150	10.5
SSDR 2/L	700	500	350	225	150	150	17
SSDR 3/L	700	540	400	250	150	150	23.5
SSDR 4/L	800	650	450	350	200	150	30.5
SSDR 5/L	950	650	550	400	325	150	36.5
SSDR 6/L	1050	750	550	450	350	150	39
SSDR 7/L	1150	800	650	650	400	150	57

N.B. Alternative end inlet spigot also available

SPECIFICATION

General

The Singleflow roof mounted, direct drive fan SSDR shall be from the Select range of Elta Fans Ltd. The unit casing shall be manufactured from 1.6mm thick mill finish aluminium alloy. The casing shall be designed so as to minimise vibration and shall incorporate a louvered air discharge guarded against bird ingress. Drain points shall also be provided. 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 factory fitted IP55 isolator. 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.

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

ACCESSORIES

- ◆ Speed Controllers

ROOF MOUNTED SINGLE FANS DIRECT DRIVE - SSSDR/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	
SSDR1/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	
SSDR2/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	
SSDR3/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	
SSDR4/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	
SSDR5/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	
SSDR6/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	
SSDR7/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.