



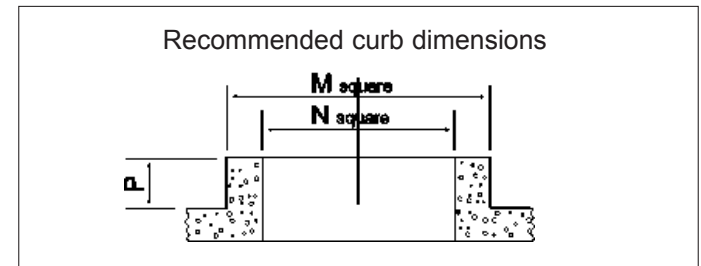
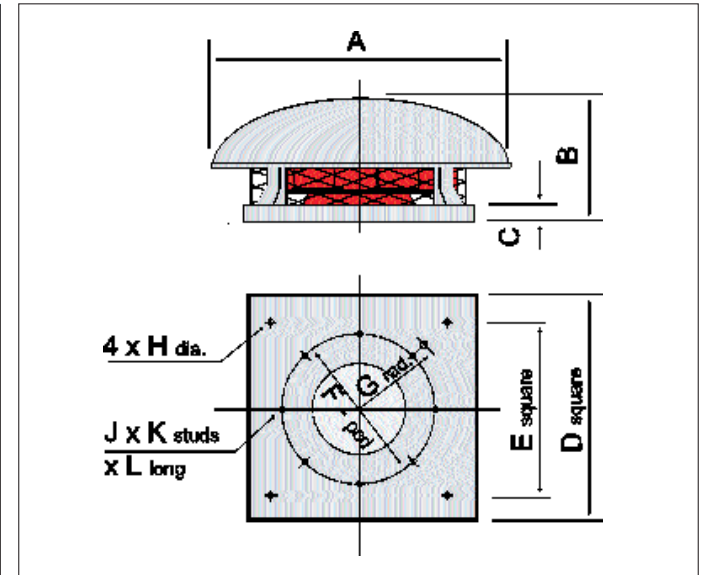
Centrifugal Roof units 225 to 710 mm diameter

Hotline:
01206 228 500



SPECIFICATION

- Casing**
Base plate and inlet cone galvanised steel. Cowl aluminium.
- Impeller**
Backward curved centrifugal impeller in galvanised steel.
- Motors**
Direct drive external rotor motor with ball bearings. IP44.
- Motor protection**
Thermal contacts wired in series as standard.
- Birdguard**
Aluminium fitted as standard.
- Terminal box**
Terminal box located beneath the cowl – IP 55.
- Speed control**
All speed controllable units are shown below with controllers.
- Installation**
Installation horizontal and up to 20° off horizontal.
- Sound levels**
Sound levels are given below.
- Protection**
Weatherproof to IP 55 externally.



ANCILLARIES

Fan nominal code	Matching flange	Flanged flexible connector	Back draught shutter	Motorised back draught shutter	Purlin box
RD.. 225	FR 225	STS 225	RVS 225	RVM 225	FDS 225
RD.. 315	FR 315	STS 315	RVS 315	RVM 315	FDS 315
RD.. 400	FR 400	STS 400	RVS 400	RVM 400	FDS 400
RD.. 450	FR 450	STS 450	RVS 450	RVM 450	FDS 450
RD.. 560	FR 560	STS 560	RVS 560	RVM 560	FDS 560
RD.. 630	FR 630	STS 630	RVS 630	RVM 630	FDS 630
RD.. 710	FR 710	STS 710	RVS 710	RVM 710	FDS 710

DIMENSIONS

Fan nominal code	Dimensions in mm																		
	A	B	C	D	E	F	G	H	J	K	L	M	N	P					
RD.. 225	596	292	32	441	330	259	196	12	6	M6	16	400	280	250					
RD.. 315	846	369	32	603	450	356	264	12	8	M8	16	560	400	250					
RD.. 400	846	401	32	633	535	438	302	12	6	M8	16	590	485	250					
RD.. 450	1020	450	32	754	590	487	358	14	6	M8	16	710	540	250					
RD.. 560	1295	590	40	945	750	605	461	14	8	M10	15	900	700	250					
RD.. 630	1295	635	40	945	750	674	461	14	8	M10	15	900	715	250					
RD.. 710	1580	810	65	1276	1050	751	629	14	8	M10	15	1230	1000	250					



Centrifugal Roof units 225 to 710 mm diameter

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Single phase models 230 V / 1 ph. / 50 Hz

SELECTION DATA

Fan code	Speed	Volume flow m ³ /s against static pressure Pa.												Motor power	Current	Max. air flow temperature	Speed controller	Starter with overheat protection	Weight	Sound level @ 4 m
		0	50	100	150	200	250	300	350	400	450	500	550							
RDW 225/6	910	0.311	0.231											0.08	0.34	60	TSW 1.5	MW	12	37
RDW 225/4	1380	0.469	0.417	0.367	0.308	0.117								0.16	0.76	55	TSW 1.5	MW	12	48
RDW 315/6	890	0.861	0.744	0.633	0.447									0.20	0.91	60	TSW 1.5	MW	22	47
RDW 315/4	1220	1.206	1.111	1.025	0.964	0.842	0.722	0.539	0.261					0.52	2.3	55	TSW 3.0	MW	25	55
RDW 400/6	850	1.153	1.036	0.875	0.694	0.278								0.31	1.4	60	TSW 3.0	MW	29	48
RDW 400/4	1330	1.792	1.714	1.619	1.528	1.433	1.319	1.214	1.086	1.236	0.717	0.278		0.75	4.4	55	TSW 5.0	MW	29	60
RDW 450/6	900	1.694	1.561	1.425	1.264	1.075	0.942	0.283						0.54	2.6	45	TSW 3.0	MW	44	53

Three phase models 400 V / 3 ph. / 50 Hz

SELECTION DATA

Fan code	Speed	Volume flow m ³ /s against static pressure Pa. (at high speed)												Motor power	Current	Max. air flow temperature	Speed controller	Starter with overheat protection	Weight	Sound level @ 4 m
		0	50	100	150	200	250	300	400	500	600	750	850							
RDD 225/6*	950	0.322	0.250											0.080	0.28	60	TSD 0.8	MD	12	38
RDD 225/4/4	1260/1420	0.481	0.425	0.378	0.328	0.208								0.13	0.40	60	TSD 0.8	MD	13	48
RDD 315/6/6	690/890	0.861	0.744	0.633	0.447									0.22	0.55	60	TSD 0.8	MD	22	47
RDD 315/4/4	1190/1400	1.342	1.278	1.206	0.139	1.058	0.989	0.903	0.139					0.58	1.35	60	TSD 1.5	MD	25	58
RDD 400/6/6	600/860	1.164	1.044	0.883	0.700	0.281								0.30	0.67	60	TSD 0.8	MD	29	48
RDD 400/4/4	1250/1420	1.889	1.806	1.736	1.667	1.564	1.483	1.375	1.285	1.181	1.044			0.95	2.3	60	TSD 3.0	MD	29	61
RDD 450/6/6	780/930	1.736	1.611	1.472	1.306	1.111	0.972	0.292						0.52	1.3	60	TSD 1.5	MD	44	53
RDD 450/4/4	1100/1350	2.542	2.431	2.344	2.264	2.153	2.064	1.944	1.719	1.472	1.042			1.60	3.2	60	TSD 5.5	MD	53	63
RDD 560/8	700	2.675	2.411	2.125	1.847	1.493	0.833							0.76	1.8	55	TSD 3.0	MD	89	54
RDD 560/6/6	700/900	3.472	3.236	3.083	2.833	2.625	2.389	2.175	1.333					1.30	2.9	60	TSD 3.0	MD	87	59
RDD 630/8	650	3.403	3.167	2.881	2.514	2.128	1.619	0.639						1.20	2.7	55	TSD 3.0	MD	101	55
RDD 630/6/6	680/880	4.681	4.444	4.222	4.028	3.750	3.500	3.222	2.611	1.639	0.139			2.50	5.0	45	TSD 5.5	MD	107	63
RDD 710/8	660	4.889	4.556	4.194	3.861	3.500	3.056	2.500	1.722	0.056				2.00	4.4	40	TSD 5.5	MD	158	59
RDD 710/6	940	9.597	9.375	9.028	8.778	8.507	8.333	7.986	7.583	7.056	6.424	5.083	3.861	8.60	15.8	40	–	MD	190	72

* ATEX certified explosion proof models available ring 01206 228 500.