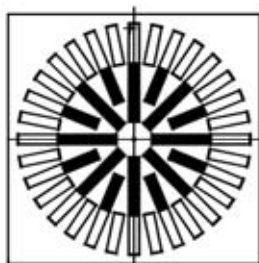
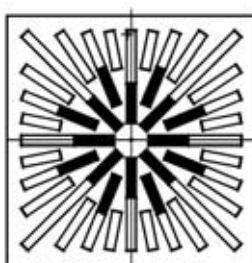




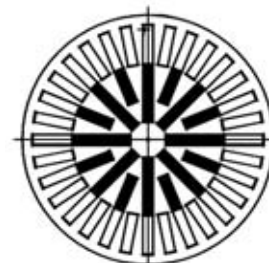
DIMENSIONS



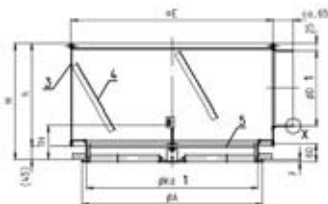
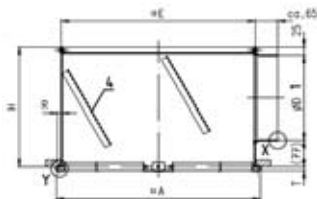
DQJA-SR-Z_



DQJA-SQ-Z_



DQJR-SR-Z_



SIZE	DQJA-SR/-SQ-Z						
	□A	□E	R	T	H	∅D	∅A
310	308	290	8	7	260	158	310
400	398	370	12	12	260	158	400
500	498	470	12	12	300	198	500
600	598	570	12	12	350	248	600
625	623	570	24	12	350	248	625
800	798	770	12	12	455	353	800

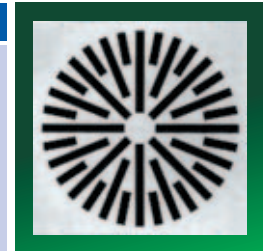
SELECTION TABLE

SIZE	Flow (m ³ /h)	Sound power Lwa [dB(A)]	Pressure ΔP_t (Pa)	Av. vel. (m/s)	Throw x (m)	Vertical drop y (m)	Critical radius x_{kr} (m)	Max. penetration Yh (m)	Δto	Temp. Coeff. $\Delta tx / \Delta to$	Induction ratio
310	310	42	56	0,095	2,50	1,20	2,28	4,62	10	0,039	65,20
	235	35	32	0,086	2,00	1,20	1,76	3,44	10	0,046	55,18
	160	25	14	0,072	1,50	1,20	1,23	2,29	10	0,050	45,41
400	365	42	59	0,087	2,50	1,20	2,08	4,68	10	0,035	70,55
	280	35	35	0,080	2,00	1,20	1,62	3,64	10	0,041	59,88
	190	25	16	0,069	1,50	1,20	1,13	2,53	10	0,050	49,44
500	600	42	36	0,089	2,50	1,20	2,12	3,35	10	0,051	48,06
	450	35	21	0,080	2,00	1,20	1,62	2,79	10	0,060	40,67
	310	25	10	0,068	1,50	1,20	1,14	2,04	10	0,074	33,40
600	910	42	46	0,139	2,50	1,20	2,35	3,54	10	0,066	37,28
	690	35	26	0,105	2,00	1,20	1,82	2,87	10	0,077	31,53
	470	25	25	0,102	1,50	1,20	1,27	2,14	10	0,094	25,93
800	1350	42	37	0,112	2,50	1,20	2,35	3,68	10	0,077	32,28
	1025	35	22	0,148	2,00	1,20	1,82	2,71	10	0,088	28,04
	700	25	11	0,079	1,50	1,20	1,27	1,77	10	0,104	23,72

PROJECT SPECIFICATION

Model DQJA-SR-Z / SAK / LD / MM RAL t.b.d. / 9010, 9005 or GREY

SCHAKO radial swirl diffuser can be stamped into a square or circular sheet steel faceplate painted to any RAL colour. The aerodynamic deflection blades can be made in white (RAL 9010), black (RAL 9005) or grey (RAL 9006) plastic. The plenum box is made from galvanised sheet steel c/w equalising grid and spigot damper adjustable from face of diffuser. The diffuser can be integrated into any ceiling system.



**SELECTION TABLE**

SIZE	Flow	Sound power	Pressure loss	Av. vel.	Throw	Vertical drop	Critical radius	Max. penetration	Δt_0	Temp. Coeff.	Induction
	(m ³ /h)	Lwa [dB(A)]	ΔPt (Pa)	(m/s)	x (m)	y (m)	X _{cr} (m)	Yh (m)		$\Delta t_x / \Delta t_0$	ratio
310	325	42	56	0,101	2,50	1,20	2,08	4,77	10	0,034	63,03
	250	35	32	0,092	2,00	1,20	1,64	3,62	10	0,040	52,61
	170	25	14	0,071	1,50	1,20	1,16	2,41	10	0,056	42,59
400	380	42	59	0,092	2,50	1,20	1,88	4,12	10	0,032	64,24
	295	35	35	0,087	2,00	1,20	1,50	3,42	10	0,038	53,73
	200	25	16	0,070	1,50	1,20	1,06	2,57	10	0,047	43,60
500	730	42	36	0,093	2,50	1,20	2,19	3,54	10	0,050	41,43
	550	35	21	0,088	2,00	1,20	1,70	2,67	10	0,060	34,63
	380	25	10	0,079	1,50	1,20	1,22	1,85	10	0,074	28,08
600	1000	42	46	0,124	2,50	1,20	2,22	2,66	10	0,063	32,59
	750	35	26	0,114	2,00	1,20	1,75	2,11	10	0,076	27,20
	500	25	25	0,095	1,50	1,20	1,22	1,49	10	0,094	22,02
800	1600	42	37	0,103	2,50	1,20	2,30	2,89	10	0,081	25,16
	1250	35	22	0,098	2,00	1,20	1,85	2,31	10	0,095	21,56
	900	25	11	0,089	1,50	1,20	1,38	1,70	10	0,114	18,00

PROJECT SPECIFICATION**Model DQJA-SQ-Z / SAK / LD / MM RAL t.b.d. / 9010, 9005 or GREY**

SCHAKO radial swirl diffuser can be stamped into a square or circular sheet steel faceplate painted to any RAL colour. The aerodynamic deflection blades can be made in white (RAL 9010), black (RAL 9005) or grey (RAL 9006) plastic. The plenum box is made from galvanised sheet steel c/w equalising grid and spigot damper adjustable from face of diffuser. The diffuser can be integrated into any ceiling system.

