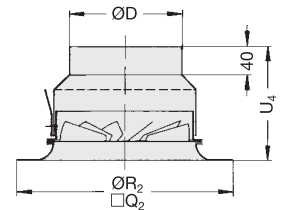
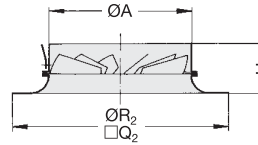
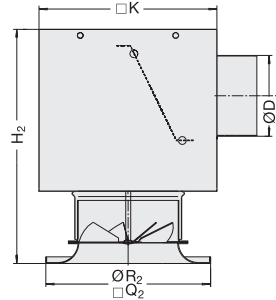


Swirl Diffusers

Type 'RFD'



RFD-Q

RFD-Q/R-D-A

RFD-Q/R-D-K

RFD-Q/R-D-US

Air Flow Rate (l/s) - For single row arrangement

Size	Distance between diffusers, A (m)						
	0	1.2	1.8	2.4	3.0	3.6	4.2
125	35	33	28	29	32	35	35
160	50	44	39	39	42	47	50
200	69	69	47	47	53	58	67
250	110	110	58	58	61	67	78
315	169	169	86	86	92	100	114
400	228	242	97	103	114	131	144

Dimension s (mm)

Size	ØA	ØD	H ₂	U ₂	U ₄	Q ₂	ØR ₂	K
125	123	98	284	75	153	198	200	216
160	158	123	309	78	158	248	250	266
200	198	158	339	78	161	248	300	290
250	248	198	384	75	166	298	350	476
315	313	248	444	88	183	398	450	567
400	398	313	509	88	193	498	580	615

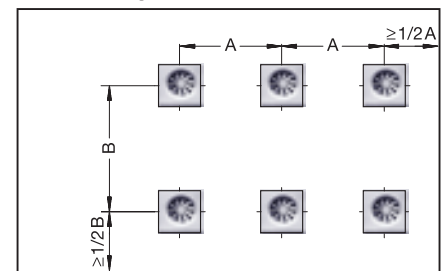
**Air Flow Rate (l/s) -
For multiple row arrangement**

Size	B (m)	Distance between diffusers, A (m)					
		1.2	1.8	2.4	3.0	3.6	4.2
125	2.4	15	15	18	22	25	29
160		21	21	25	29	35	39
200		28	28	32	38	44	47
250		32	32	35	46	51	57
315				51	64	75	83
400					81	92	103
125	3.0	21	21	22	24	28	32
160		28	28	29	31	36	42
200		35	35	38	40	47	53
250		43	43	46	46	56	61
315		61	61	67	67	83	89
400				81	72	103	114
125	3.6	26	25	26	28	32	35
160		36	33	35	35	42	47
200		44	42	44	47	53	58
250		56	53	53	56	58	67
315		78	75	78	81	81	100
400		86	86	92	97	103	133
125	4.2	33	29	29	32	35	35
160		44	39	9	42	47	50
200		56	47	47	53	58	69
250		67	58	58	61	67	72
315		97	86	86	92	100	106
400		103	97	106	119	133	133

**Minimum
flow rate**

Size	$\dot{V}_{min}$
125	10
160	14
200	17
250	31
315	50
400	69

Diffuser layout



Nomenclature

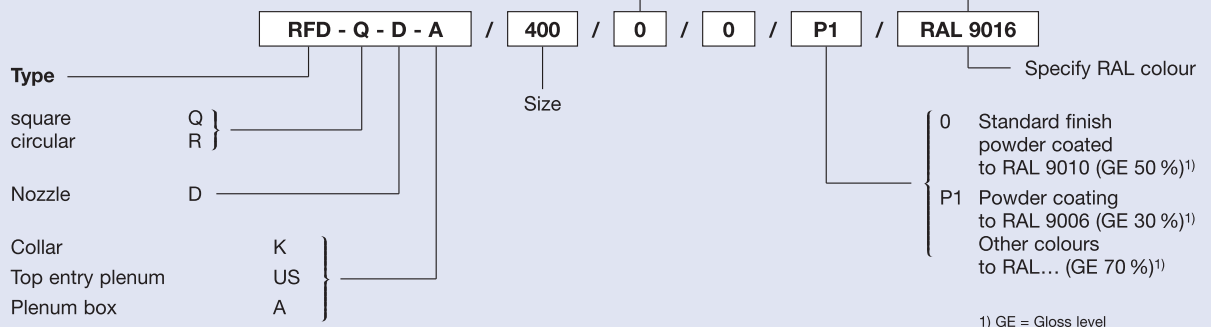
$\dot{V}$ in l/s = Flow rate
 $\dot{V}_{min}$ in l/s = Minimum flow rate
 A, B in m = Distance between two diffusers

Note

In all cases, the sound power level is $L_{WA} \leq 40$ dB(A) per diffuser and the pressure drop $\Delta p_t \leq 45$ Pa.
 Selection valid for ceiling height 2.7 m to 3 m.

Order Code

These codes need not be completed for standard products



Note: For further details, please refer to TROX KLIMA Asia Pacific catalogue Ref. 2/4/EN/--.