

Overview

12 Months
Warranty

STOCKED RANGE

Removable Core Linear Slot Diffusers

Description

For supply air, fully adjustable removable core linear slot diffuser with unique airflow pattern control design. The airflow pattern can be adjusted to suit design requirements. Suitable for ceiling or wall mounting applications.

Construction

From high quality aluminium extrusion in maximum one piece lengths of 1200mm, with mitred ends as standard. Removable Core available in 2 and 3 slots.

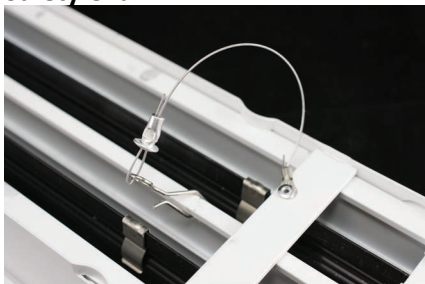
PRODUCT CODE	DESCRIPTION
RCLS	Removable Core (20 mm) 2 and 3 Slot Linear Diffusers

Note:

- Powder coated white with black anodised blades as standard
- Custom colours are available upon request
- All RCLS come complete with safety chains
- Screw fix core after installation is recommended
- [For product performance data, see page 307](#)



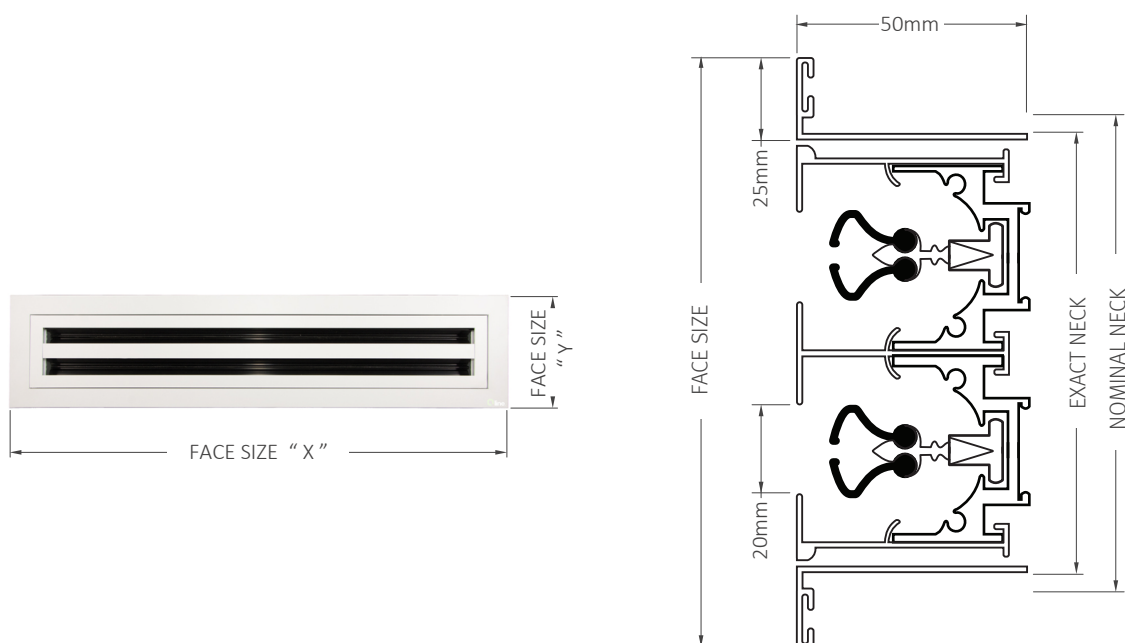
Safety Chain



QAE strive to provide products that best suit the market's requirements. As such, QAE reserve the right to supply products which may differ slightly from those shown in this and other publications. For product warranties please refer to our standard terms and conditions.

Removable Core (20 mm) 2 and 3 Slot Linear Diffusers						
PRODUCT CODE	SLOT	SLOT WIDTH	NOMINAL NECK (mm)	EXACT NECK (mm)	FACE SIZE X & Y (mm)	PIECES/CARTON
RCLS600	2	20	600 x 107	590 x 97	638 x 145	5
RCLS900	2	20	900 x 107	890 x 97	938 x 145	5
RCLS1000	2	20	1000 x 107	990 x 97	1038 x 145	5
RCLS1200	2	20	1200 x 107	1190 x 97	1238 x 145	5
RCLS595F	2	20	555 x 107	547 x 97	595 x 145	5
RCLS1195F	2	20	1155 x 107	1147 x 97	1195 x 145	5
RCLS31195F	3	20	1155 x 147	1147 x 137	1195 x 185	5

Removable Core Linear Slot Diffuser: RCLS



Related Products for Removable Core (20 mm) 2 and 3 Slot Linear Diffusers				
LB	UB	LSPRING	ALPBF	ALPBM
see pg.265	see pg.265	see pg.79	see pg.226	see pg.227

Removable Core (20 mm) 2 and 3 Slot Linear Diffusers: RCLS (STOCKED)

Test Conditions

Suitable for both cooling and heating applications with normal temperature differentials to 12° C. Data is calculated from 1000mm long diffuser modules, installed in a 2.7m high flush ceiling and at isothermal conditions.

Data given in Table 1 is based on air being diffused in one direction only. Diffusers can be set to diffuse in opposite directions, thus for 2-way air pattern divide the total air volume proportionally.

Product Code	Supply Air Volume l/s								
		45	60	75	100	125	150	175	200
RCLS595F	Throw H	2.3-6.9	2.7-8.2	3.7-9.7	4.8-10.9	5.8-12.4			
	Throw V	3.4	4.2	5.0	6.9	8.0			
	Pa	15	26	41	72	113			
	NC	24	27	30	40	48			
RCLS600	Throw H	2.2-6.7	2.5-8.0	3.6-9.5	4.7-10.6	5.6-12.1			
	Throw V	3.3	4.1	4.9	6.7	7.8			
	Pa	14	24	38	67	104			
	NC	23	26	29	38	46			
RCLS900	Throw H	1.9-5.9	2.4-7.1	2.8-8.4	3.8-9.9	4.9-11.1	5.9-12.6		
	Throw V	2.7	3.5	4.2	5.2	6.8	7.7		
	Pa	9	16	25	44	69	100		
	NC	20	24	26	32	39	45		
RCLS1000	Throw H	1.7-5.4	2.2-6.5	2.5-7.6	3.5-9.0	4.5-10.1	5.4-11.5		
	Throw V	2.5	3.2	3.8	4.7	6.2	7.1		
	Pa	8	14	22	40	62	90		
	NC	19	23	25	30	36	42		
RCLS1195F	Throw H	1.5-4.9	2.0-5.8	2.3-6.8	3.1-8.1	4.1-9.0	4.9-10.3	5.6-11.4	
	Throw V	2.3	2.9	3.4	4.2	5.6	6.4	7.3	
	Pa	7	12	19	34	54	77	105	
	NC	18	22	24	28	34	40	44	
RCLS1200	Throw H	1.4-4.8	1.9-5.7	2.2-6.7	3.0-8.0	4.1-8.9	4.8-10.2	5.5-11.3	
	Throw V	2.2	2.8	3.3	4.1	5.5	6.3	7.2	
	Pa	7	12	19	33	52	75	101	
	NC	18	22	24	28	33	39	43	
RCLS31195F	Throw H	1.2-4.6	1.6-5.6	2.0-6.5	2.7-7.7	3.1-8.8	3.8-10.3	4.5-11.0	5.1-12.0
	Throw V	1.7	2.1	2.8	3.5	4.3	5.1	5.9	6.6
	Pa	5	8	13	23	36	52	70	92
	NC	-	-	19	21	26	30	35	41