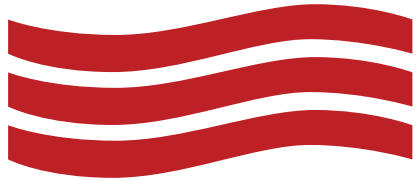


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**REMOVABLE CORE STOCK
LINEAR SLOT DIFFUSER
RC-SLSD20**



REMOVABLE CORE STOCK LINEAR SLOT DIFFUSER RC-SLSD20

PRODUCT DESCRIPTION AND APPLICATION

Airfoil's Removable Core Stock Linear Slot Diffuser (RC-SLSD20) offers a highly flexible method of air diffusion, ready for immediate delivery. Constructed from engineered aluminium extrusion, the RC-SLSD20 is suitable for both supply and return air applications. With an overall frame size of 25mm and a depth of 50mm, this Stock Linear Slot Diffuser is typically mounted to a ceiling or bulkhead for a clean linear appearance.

Featuring an accompanying Spring Clipped Outer Frame, installation is made easy by fitting the frame prior to installing the Linear Slot Diffuser. This user-friendly design allows for quick and straightforward installation, as the centre core linear is simply clipped into place within the outer frame.

The internal Black "J" Blades are fully adjustable up to 180 degrees, offering versatile air throw patterns from both vertical and horizontal positions. Airfoil's superior 20mm slot opening design ensures greater air volume per slot and reduced noise, promoting effective room air circulation.

Available with 2 slots and in 6 different sizes, this versatile and aesthetically pleasing diffuser is stocked for immediate delivery and comes complete with Airfoil's Safety Chain.

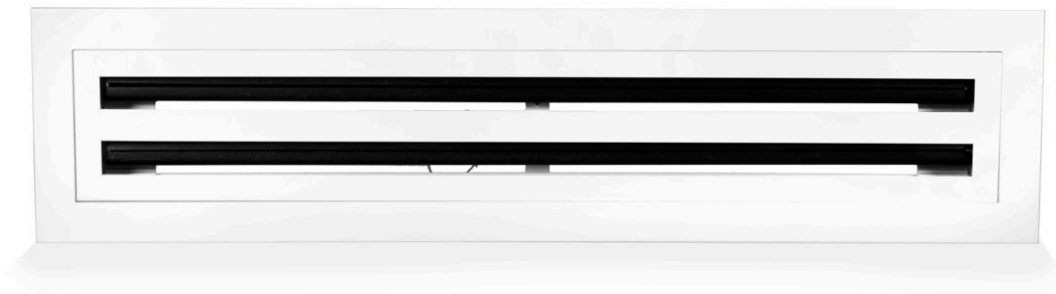
The diffuser is powder-coated in our standard white colour or can be custom powder-coated to any specified colour upon request. Corresponding Linear Boots (LB) are available to suit all slot widths and duct diameters.

This highly sought-after mode of air diffusion is ideal for various domestic and commercial applications where a variable air throw pattern is required.

REMOVABLE CORE STOCK LINEAR SLOT DIFFUSER RC-SLSD20

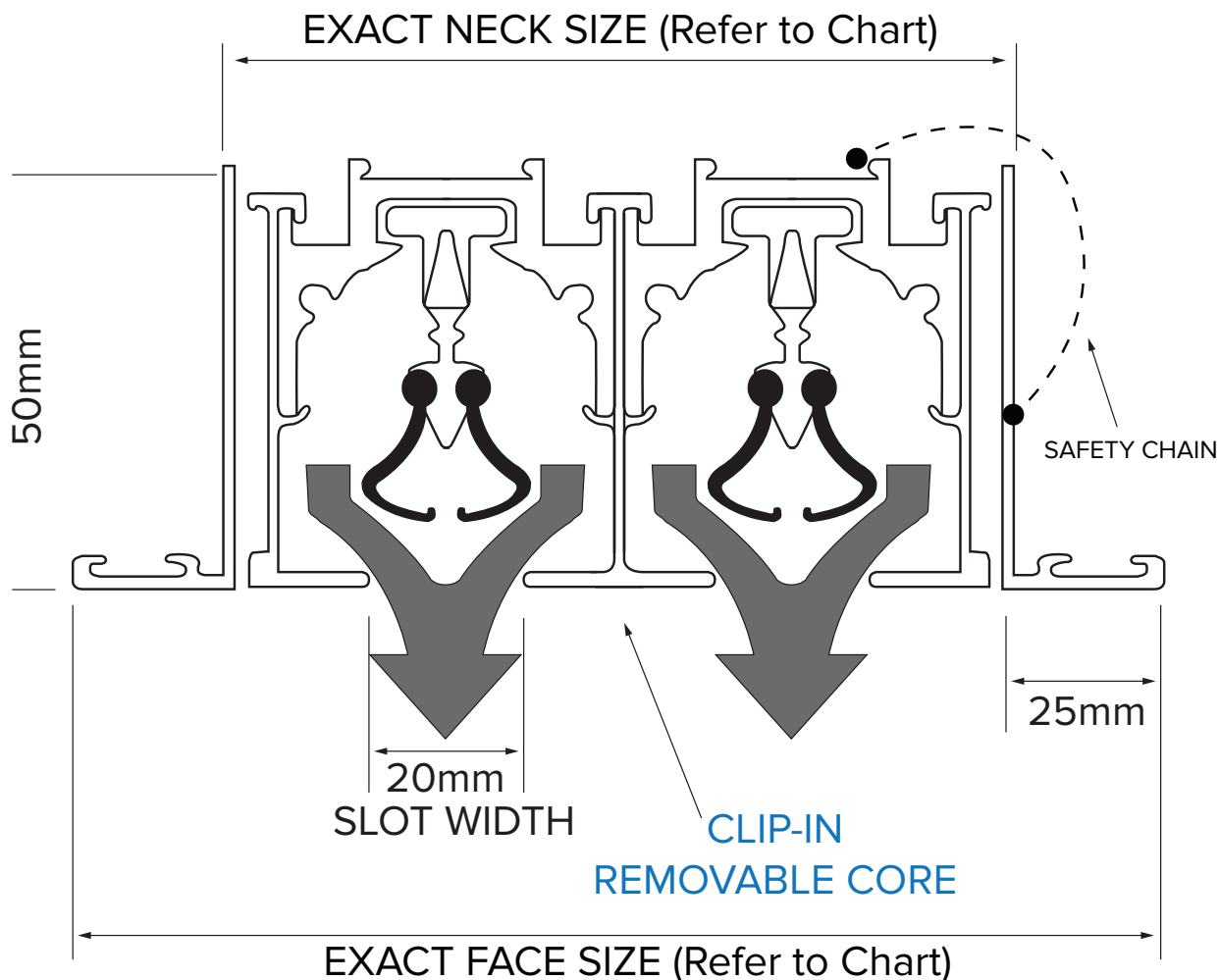
PRODUCT SPECIFICATIONS AND INFORMATION

- **Product ordering code – RC-SLSD20**
- Aluminium construction
- Used for supply and return air applications
- Slot opening size 20mm and “T” Bar size of 19mm
- Overall frame size 25mm
- Frame depth 50mm
- Provides any variable air throw pattern from a vertical or horizontal position
- Ceiling mounted
- Comes complete with Airfoil’s Safety Chain
- Offers clean linear line appearance
- Black “J” Blades are fully adjustable to 180 degrees
- Available in our standard white powdercoated range
- In stock for immediate delivery
- Special powdercoated colours available on request
- Product suitable for use in most domestic and commercial applications where a variable air throw pattern is required
- Available with Airfoil’s Linear Boot (LB) manufactured to suit slot width
- Airfoil tested information available



REMOVABLE CORE STOCK LINEAR SLOT DIFFUSER RC-SLSD20

CROSS SECTIONAL DIAGRAM



DISCLAIMER:

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REMOVABLE CORE STOCK LINEAR SLOT DIFFUSER RC-SLSD20

SLOT ORDERING CODES

PRODUCT CODE	SLOT	SLOT WIDTH	EXACT NECK SIZE	FACE SIZE
RC-SLSD595 FACE	2	20mm	547mm x 97mm	595mm x 145mm
RC-SLSD600	2	20mm	590mm x 97mm	638mm x 145mm
RC-SLSD900	2	20mm	890mm x 97mm	938mm x 145mm
RC-SLSD1000	2	20mm	990mm x 97mm	1038mm x 145mm
RC-SLSD1195 FACE	2	20mm	1147mm x 97mm	1195mm x 145mm
RC-SLSD1200	2	20mm	1190mm x 97mm	1238mm x 145mm

PERFORMANCE DATA - RC-SLSD20 SLOT WIDTH SUPPLY APPLICATION

Product Code		Supply Air Volume m/s							
		45	60	75	100	125	150	175	200
RC-SLSD595 FACE	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			
RC-SLSD600	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			
RC-SLSD900	Throw H	1.8-5.9	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		
RC-SLSD1000	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		
RC-SLSD1195 FACE	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	
RC-SLSD1200	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

REMOVABLE CORE STOCK LINEAR SLOT DIFFUSER RC-SLSD20

PERFORMANCE DATA - RC-SLSD20 SLOT WIDTH RETURN APPLICATION

No. Slot	Negative Static Pressure in Pascals	5	10	18	27	40	54	70	112
1	Lit / sec / metre	15	31	47	65	80	95	110	125
	NR	-	-	21	29	35	40	44	48
2	Lit / sec / metre	31	65	95	125	155	185	220	250
	NR	-	13	24	32	38	43	47	51
3	Lit / sec / metre	47	95	140	185	235	280	325	375
	NR	-	15	26	34	40	45	49	53
4	Lit / sec / metre	65	125	185	250	310	375	435	495
	NR	-	16	27	35	41	46	50	54
5	Lit / sec / metre	80	155	235	310	390	465	545	620
	NR	-	17	28	36	42	47	51	55
6	Lit / sec / metre	95	185	280	375	465	560	650	745
	NR	-	18	29	37	43	48	52	56
7	Lit / sec / metre	110	220	325	435	545	650	760	870
	NR	-	19	30	38	44	49	53	57
8	Lit / sec / metre	125	250	375	495	620	745	870	995
	NR	-	19	30	38	44	49	53	57

