



LINEAR SLOT DIFFUSERS

Performance Data

SUPPLY SLOT DIFFUSERS SELECTION TABLE

Qv(m ³ /h)	MODEL	1 SLOT	2 SLOT	3 SLOT	4 SLOT
	A (m2)	0,007	0,014	0,021	0,028
80	Lt (m)	3,7			
	NR	<20			
	Pt (Pa)	9,2			
	Vk (m/s)	3,2			
100	Lt (m)	4,6			
	NR	24			
	Pt (Pa)	14,0			
	Vk (m/s)	4,0			
125	Lt (m)	5,7	4,0		
	NR	30	<20		
	Pt (Pa)	22,0	6,0		
	Vk (m/s)	5,0	2,5		
150	Lt (m)	7,0	4,9		
	NR	35	20		
	Pt (Pa)	32,0	8,0		
	Vk (m/s)	6,0	3,0		
200	Lt (m)		6,6	5,4	
	NR		27	<20	
	Pt (Pa)		14,0	6,4	
	Vk (m/s)		4,0	2,6	
250	Lt (m)		8,2	6,6	5,8
	NR		33	24	<20
	Pt (Pa)		22,0	9,8	6,0
	Vk (m/s)		5,0	3,3	2,5
300	Lt (m)		9,8	8,0	7,0
	NR		38	29	23
	Pt (Pa)		32,0	14,0	8,0
	Vk (m/s)		6,0	4,0	3,0
400	Lt (m)			10,6	9,2
	NR			36	30
	Pt (Pa)			25,0	14,0
	Vk (m/s)			5,3	4,0
500	Lt (m)				11,4
	NR				36
	Pt (Pa)				22,0
	Vk (m/s)				5,0
600	Lt (m)				14,0
	NR				41
	Pt (Pa)				32,0
	Vk (m/s)				6,0

SELECTION CRITERIAS

H= 3 ± 0,5 mt (Ceiling height)
Vt: 0.25 m/s

Lt(m) : Throw Distance
NR : Sound Level
Pt(Pa) : Pressure Drop
Vk(m/s): Slot Output Speed

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