



IDEAL COMFORT DIFFUSERS

Performance Data

IKD SELECTION TABLE - HEATING

Qv (m³)	MODEL	300	400	500	600	800
300	Hmax (m)	4				
	NR	27				
	P (Pa)	40				
400	Hmax (m)	6	3,5			
	NR	37	25			
	P (Pa)	70	18			
600	Hmax (m)	8	6			
	NR	45	35			
	P (Pa)	150	40			
800	Hmax (m)		7	4,5		
	NR		45	30		
	P (Pa)		80	20		
1000	Hmax (m)		9	6	4,5	
	NR		50	35	30	
	P (Pa)		120	30	22	
1500	Hmax (m)			7	6,5	
	NR			45	40	
	P (Pa)			70	55	
2000	Hmax (m)			10	9	2,5
	NR			50	50	25
	P (Pa)			80	90	15
3000	Hmax (m)				14	3
	NR				55	30
	P (Pa)				170	20
5000	Hmax (m)					4
	NR					35
	P (Pa)					25
7000	Hmax (m)					4,5
	NR					40
	P (Pa)					35
7200	Hmax (m)					5,5
	NR					50
	P (Pa)					85

IKD SELECTION TABLE - COOLING

Qv (m³)	MODEL	300	400	500	600	800
300	L+H <sub>1</sub>	3,5				
	NR	27				
	P (Pa)	40				
400	L+H <sub>1</sub>	4,5	3,5			
	NR	37	25			
	P (Pa)	70	18			
600	L+H <sub>1</sub>	7,5	4,5			
	NR	45	35			
	P (Pa)	150	40			
800	L+H <sub>1</sub>		6	4,8		
	NR		45	30		
	P (Pa)		80	20		
1000	L+H <sub>1</sub>		6,8	5,8	3,5	
	NR		50	35	30	
	P (Pa)		120	30	22	
1500	L+H <sub>1</sub>			8,5	5	
	NR			45	40	
	P (Pa)			70	55	
2000	L+H <sub>1</sub>				7	5
	NR				50	25
	P (Pa)				90	15
3000	L+H <sub>1</sub>				9	7,5
	NR				55	30
	P (Pa)				170	20
5000	L+H <sub>1</sub>					12
	NR					35
	P (Pa)					25

ΔT=10°  
Damper %100 open  
Without ceiling effect

V=0,20  
Damper %100 open  
Without ceiling effect

QUICK SELECTION TABLE

Standard size	ø A	ø d	L	K	Min.Ceiling high (m)	Air volume(m³/h) Vmin-Vmax
300	302	180	144	79	3	200-1000
400	402	250	178	98	3	300-2000
500	502	315	200	120	4	400-2500
600	602	400	221	136	5	500-4000
800	802	500	310	185	5	800-7000

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