

# YÜKSEK ETKİLİ SWIRL DİFÜZÖR / HIGH EXPOSURE SWIRL DIFFUSERS



## YED PRODUCT SPECIFICATIONS:

- Standard Material: 1mm DKP sheet.
- Usable for supply air ducts.
- Designed for comfort and industrial applications.
- Suitable for applications up to 3,5 meters height.
- Has two models: Fixed-Bladed (YED-127) and Adjustable-Bladed (YED-227).
- Blade positions can either be adjusted by manually or servomotor between 30° and 90°. According to this angle maximum diffusion depth is from 1m to 20m.
- Electrostatic powder coating(oven-drying) with the colour from RAL catalogue.

Hızlı Seçim Tablosu  
Selection Table

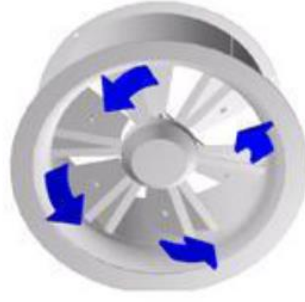
YED	A <sub>eff</sub> (m <sup>2</sup> )	Debi (m <sup>3</sup> /h)	250	375	500	625	750	875	1000	1500	2000	2500	3000	3500	4000	4500	
ø315	0,023	V <sub>0</sub> (m/s)	0,9	1,3	1,8	2,2	2,7	3,1	3,6								
		P(Pa)	10	22	40	61	89	120	156								
		L <sub>w</sub> (m)	1,3	2,1	3,0	4,0	5,1	6,1	7,2								
		N[dB(A)]	24	31	40	47	54	59	69								
ø400	0,031	V <sub>0</sub> (m/s)			1,1	1,4	1,7	1,9	2,2	3,3							
		P(Pa)			15	23	34	46	61	137							
		L <sub>w</sub> (m)			2,2	2,9	3,7	4,4	5,3	8,8							
		N[dB(A)]			22	27	32	36	40	54							
ø500	0,049	V <sub>0</sub> (m/s)				0,9	1,1	1,2	1,4	2,1	2,8	3,5					
		P(Pa)				12	18	22	29	65	117	181					
		L <sub>w</sub> (m)				2,1	2,8	3,4	3,7	6,6	9,2	11,0					
		N[dB(A)]				22	25	32	30	49	56	65					
ø630	0,078	V <sub>0</sub> (m/s)							0,9	1,3	1,8	2,2	2,7	3,1			
		P(Pa)							12	27	47	74	106	145			
		L <sub>w</sub> (m)							2,9	4,9	6,9	9,2	11,6	14,1			
		N[dB(A)]							23	34	42	48	54	58			
ø800	0,111	V <sub>0</sub> (m/s)								0,8	1,1	1,4	1,7	1,9	2,2	2,5	
		P(Pa)								14	24	38	55	75	98	124	
		L <sub>w</sub> (m)								3,6	5,1	6,8	8,5	10,3	12,2	14,2	
		N[dB(A)]								26	34	41	47	53	58	63	



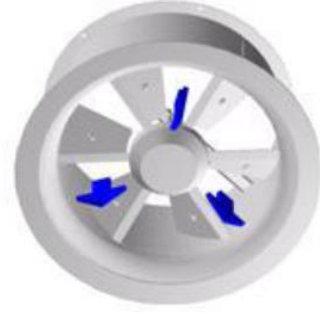
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**Yatay Pozisyon (Soğutma)**



**45 ° Pozisyon ( İzotermal )**



**Dikey Pozisyon ( Isıtma)**



**HVAC Systems and Equipments Co.**  
**İklimlendirme Sistemleri San.Tic.Ltd.**  
Orhanlı (Orta Mah.) Livan St. No:10 Tuzla – İstanbul /  
TURKEY

+0090 216 3773360

+0090 216 3772730

[www.gmcgrup.com](http://www.gmcgrup.com)

