

HKTM

KAPI TRANSFER MENFEZİ

Door Transfer Grille



TANIM

- **HKTM:** Kapı Transfer Menfezi

MALZEME

Ekstrüzyon yöntemiyle üretilmiş alüminyum profilden mamul çerçeve ve kanatlar.

UYGULAMA

Kapı transfer menfezi komşu mahaller arasında doğal hava sirkülasyonu sağlamak amacıyla kullanılır. Özel dizayn edilmiş ters V kanat yapısı sayesinde ürünün arkası görünmezken, hava geçişini engellemez. Karşı flanşlı olmasından dolayı kapı üzerinde her iki taraftan bakıldığında tek menfez görüntüsü sağlar. 30 mm ile 70 mm arası kalınlıklarda ki duvar ve kapılara uygulanabilir. Kapı Transfer Menfezlerinin kasa ve kanatları alüminyumdan mamül olup, 1. Sınıf alüminyum profil kullanılmaktadır.

YÜZEY KAPLAMA

- Elektrostatik toz boya (Standart renkler RAL9010 ve RAL9016)
- Alüminyum eloksal
- İsteğe bağlı olarak RAL kodundaki diğer tüm renklerde temin edilmektedir.

ÇERÇEVE TİPLERİ

- 22 mm çerçeve

MONTAJ

- Vidalı montaj
- Vidasız montaj

DESCRIPTION

- **HKTM:** Door Transfer Grille

MATERIAL

All of the product frame and blades are manufactured from extruded aluminium profiles

APPLICATION

Door transfer grilles are used to provide a natural air circulation between neighbouring areas. Specially designed reverse V blade structure hides the back of the device while enabling air flow. Counter flanges ensure that a single grille appearance is presented on both sides of the doors. Can be implemented on walls and doors with thicknesses between 300 mms and 70 mms. Door transfer grilles frame and blades are made from aluminium and only 1st class aluminium profiles are used.

SURFACE COATING

- Electrostatic powder coating (Standard colours are RAL 9010 and RAL 9016)
- Aluminium anodised
- As an option, all colours in other RAL codes can be provided.

FRAME TYPES

- 22 mm frame

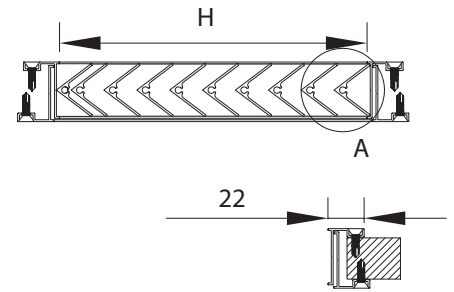
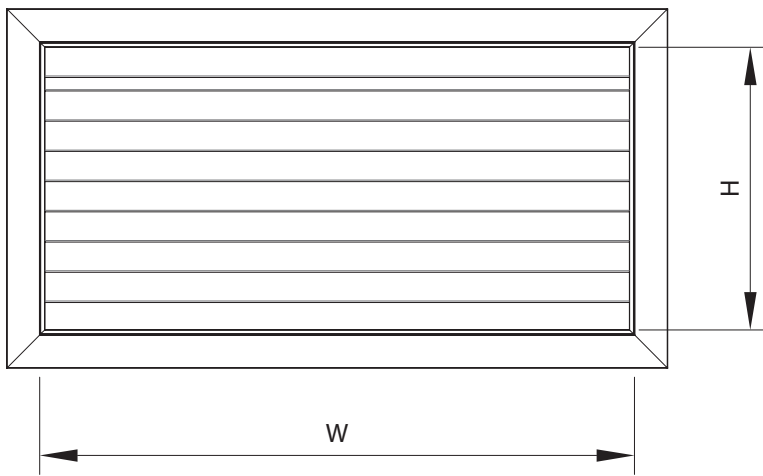
ASSEMBLY

- Installation with screw
- Installation without screw.

KAPI TRANSFER MENFEZ ÖLÇÜLERİ ve EFEKTİF ALANLARI
DOOR TRANSFER GRILLE DIMENSIONS and EFFECTIVE AREAS

W: Boğaz genişliği (mm)
H: Boğaz yüksekliği (mm)
a: Kapı veya duvar kalınlığı (mm)

Neck width (mm)
Neck height (mm)
Door / wall thickness (mm)



A _{eff} (m ²)	H (mm)	W (mm)																		
		200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1100	1200
100	100	0.013	0.016	0.019	0.022	0.025	0.028	0.031	0.034	0.038	0.041	0.044	0.047	0.050	0.053	0.056	0.059	0.063	0.069	0.075
150	150	0.019	0.023	0.028	0.033	0.038	0.042	0.047	0.052	0.056	0.061	0.066	0.070	0.075	0.080	0.084	0.089	0.094	0.103	0.113
200	200	0.025	0.031	0.038	0.044	0.050	0.056	0.063	0.069	0.075	0.081	0.088	0.094	0.100	0.106	0.113	0.119	0.125	0.138	0.150
250	250	0.031	0.039	0.047	0.055	0.063	0.070	0.078	0.086	0.094	0.102	0.109	0.117	0.125	0.133	0.141	0.148	0.156	0.172	0.188
300	300	0.038	0.047	0.056	0.066	0.075	0.084	0.094	0.103	0.113	0.122	0.131	0.141	0.150	0.159	0.169	0.178	0.188	0.206	0.225
350	350	0.044	0.055	0.066	0.077	0.088	0.098	0.109	0.120	0.131	0.142	0.153	0.164	0.175	0.186	0.197	0.208	0.219	0.241	0.263
400	400	0.050	0.063	0.075	0.088	0.100	0.113	0.125	0.138	0.150	0.163	0.175	0.188	0.200	0.213	0.225	0.238	0.250	0.275	0.300
450	450	0.056	0.070	0.084	0.098	0.113	0.127	0.141	0.155	0.169	0.183	0.197	0.211	0.225	0.239	0.253	0.267	0.281	0.309	0.338
500	500	0.063	0.078	0.094	0.109	0.125	0.141	0.156	0.172	0.188	0.203	0.219	0.234	0.250	0.266	0.281	0.297	0.313	0.344	0.375
550	550	0.069	0.086	0.103	0.120	0.138	0.155	0.172	0.189	0.206	0.223	0.241	0.258	0.275	0.292	0.309	0.327	0.344	0.378	0.413
600	600	0.075	0.094	0.113	0.131	0.150	0.169	0.188	0.206	0.225	0.244	0.263	0.281	0.300	0.319	0.338	0.356	0.375	0.413	0.450
650	650	0.081	0.102	0.122	0.142	0.163	0.183	0.203	0.223	0.244	0.264	0.284	0.305	0.325	0.345	0.366	0.386	0.406	0.447	0.488
700	700	0.088	0.109	0.131	0.153	0.175	0.197	0.219	0.241	0.263	0.284	0.306	0.328	0.350	0.372	0.394	0.416	0.438	0.481	0.525
750	750	0.094	0.117	0.141	0.164	0.188	0.211	0.234	0.258	0.281	0.305	0.328	0.352	0.375	0.398	0.422	0.445	0.469	0.516	0.563
800	800	0.100	0.125	0.150	0.175	0.200	0.225	0.250	0.275	0.300	0.325	0.350	0.375	0.400	0.425	0.450	0.475	0.500	0.550	0.600

HKTM

KAPI TRANSFER MENFEZİ

Door Transfer Grille

KAPI TRANSFER MENFEZİ KOLAY SEÇİM TABLOSU

DOOR TRANSFER GRILLE QUICK SELECTION TABLE

Aeff (m²): Efektif alan
 Ueff (m/s): Efektif hız
 V (m³/h): Hava debisi

Effective area
Effective velocity
Air flow rate

V (m ³ /h)	ueff. (m/s)	Aeff (m ²)																								
		0.015	0.020	0.025	0.030	0.035	0.040	0.050	0.060	0.070	0.080	0.090	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500	0.550	0.600			
60		1.11	0.83	0.67	0.56	0.48	0.42																			
80		1.48	1.11	0.89	0.74	0.63	0.56	0.44																		
100		1.85	1.39	1.11	0.93	0.79	0.69	0.56	0.46	0.40																
150		2.78	2.08	1.67	1.39	1.19	1.04	0.83	0.69	0.60	0.52	0.46	0.42													
200		3.70	2.78	2.22	1.85	1.59	1.39	1.11	0.93	0.79	0.69	0.62	0.56	0.37												
300				3.33	2.78	2.38	2.08	1.67	1.39	1.19	1.04	0.93	0.83	0.56	0.42											
400					3.70	3.17	2.78	2.22	1.85	1.59	1.39	1.23	1.11	0.74	0.56	0.44										
500							3.47	2.78	2.31	1.98	1.74	1.54	1.39	0.93	0.69	0.56	0.46	0.40								
600	ueff. (m/s)							3.33	2.78	2.38	2.08	1.85	1.67	1.11	0.83	0.67	0.56	0.48	0.42							
700									3.24	2.78	2.43	2.16	1.94	1.30	0.97	0.78	0.65	0.56	0.49	0.43						
800										3.70	3.17	2.78	2.47	2.22	1.48	1.11	0.89	0.74	0.63	0.56	0.49	0.44				
900											3.57	3.13	2.78	2.50	1.67	1.25	1.00	0.83	0.71	0.63	0.56	0.50	0.45	0.42		
1000												3.47	3.09	2.78	1.85	1.39	1.11	0.93	0.79	0.69	0.62	0.56	0.51	0.46		
1100													3.82	3.40	3.06	2.04	1.53	1.22	1.02	0.87	0.76	0.68	0.61	0.56	0.51	
1200														3.70	3.33	2.22	1.67	1.33	1.11	0.95	0.83	0.74	0.67	0.61	0.56	
1300															3.61	2.41	1.81	1.44	1.20	1.03	0.90	0.80	0.72	0.66	0.60	
1400																3.89	2.59	1.94	1.56	1.30	1.11	0.97	0.86	0.78	0.71	0.65