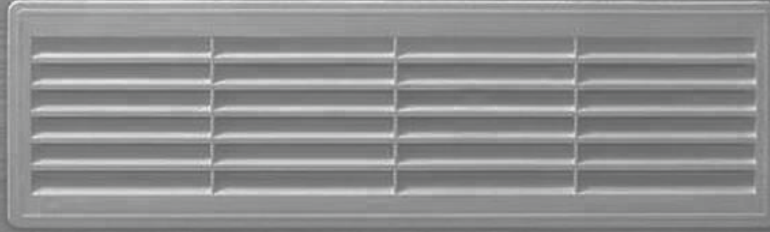


20/21
PRODUCTS



Product Catalogue

Door Grille

Type (DRG)



Khedr Trust
ALL AIR PRODUCTS

Door Grille products are
manufactured by



“Your comfort is
our priority”

www.khedr-eg.com





Models

- DRG-S "Single Frame "
- DRG-D "Double Frame "

Features

- Frame and blades are extruded aluminum alloy.
- Frame has a typical thickness of 1/16"
- The frame are adjusted to suit door thickness.



Door Grille

Model Design

Khedr Door Grilles are designed ventilation applications.

Unit Use

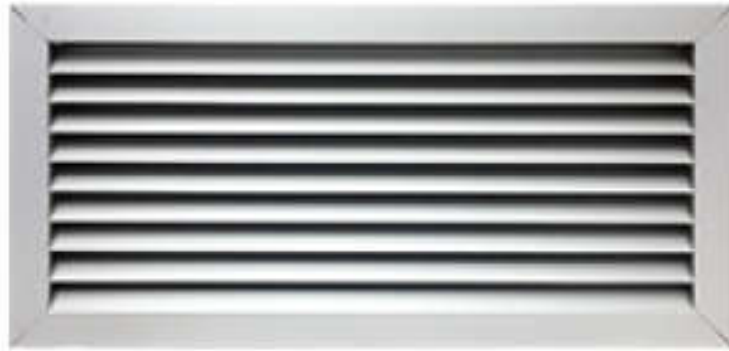
Khedr Door Grilles are suitable for doors, walls or partitions.

Model Types

They are found in single and double Frame.

- Construction

- A. Type (DRG-S) - Single Frame



- B. Type (DRG-D) - Double Frame



- Performance Data

Listed Size "Inches"	V _T	300	400	450	500	550	600	650	700	750	800
	P _T	0.021	0.035	0.044	0.053	0.065	0.076	0.089	0.103	0.113	0.115
	Ft ²	Air Capacity "CFM"									
10 x 6	0.15	45	60	68	75	82	90	98	105	112	120
12 x 6	0.10	54	72	81	90	99	108	117	126	135	144
16 x 6	0.25	75	100	112	125	137	150	162	175	187	200
18 x 6	0.28	84	112	126	140	154	168	182	196	210	224
20 x 6	0.32	96	128	144	160	176	192	208	224	240	256
24 x 6	0.39	117	156	175	195	214	234	253	273	292	312
10 x 8	0.21	63	84	94	105	115	126	136	147	157	168
12 x 8	0.26	78	104	117	130	143	156	169	182	195	208
16 x 8	0.35	105	140	157	175	192	210	227	245	262	280
18 x 8	0.40	120	160	180	200	220	240	260	280	300	320
24 x 8	0.55	165	220	247	275	302	330	357	385	412	440
30 x 8	0.68	204	272	306	340	374	408	442	476	510	544
10 x 10	0.20	81	108	121	135	145	162	175	189	202	216
12 x 10	0.36	108	144	162	180	198	216	234	252	270	288
16 x 10	0.46	138	184	207	230	253	276	299	322	345	368
18 x 10	0.52	156	208	234	260	286	312	338	364	390	416
20 x 10	0.58	174	232	261	290	319	348	377	406	435	464
24 x 10	0.70	210	280	315	350	385	420	455	490	525	560
12 x 12	0.41	123	164	184	205	225	246	266	287	307	328
16 x 12	0.56	168	224	252	280	308	336	364	392	420	448
18 x 12	0.64	192	256	288	320	352	384	416	448	480	512
20 x 12	0.71	213	284	319	355	390	426	461	497	532	568
24 x 12	0.86	258	344	387	430	473	516	559	602	645	688
30 x 12	1.08	324	432	486	540	594	648	702	756	810	864
24 x 16	1.18	354	742	531	590	649	708	767	826	885	944
18 x 18	0.96	288	384	432	480	528	576	624	672	720	768
24 x 18	1.30	390	520	585	650	715	780	845	910	975	1040
30 x 18	1.69	507	676	760	845	929	1014	1098	1183	1267	1352
24 x 24	1.78	534	712	801	890	979	1068	1157	1246	1335	1424
30 x 24	2.28	684	912	1026	1140	1254	1368	1482	1596	1710	1824
30 x 30	2.88	864	1152	1296	1440	1584	1728	1872	2016	2160	2304

Door Grille products are manufactured by Khedr Trust Co.

The T Dimensions in feet is based on a V_T of 75 FPM .

P_T Total Pressure "Inch Water"
 V_T Terminal Velocity

- How to order

Type	DRG-S	DRG-S "Single Frame " DRG-D "Double Frame "
Size	24 x 24	Size "Inch"
Finish	1	0 Aluminum 1 White Color 2 Other Colors

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Room Types		Noise Criteria (NC)
Residences, apartments	Living areas	30
	Bathrooms, kitchens, utility rooms	35
Hotels/motels	Individual rooms or suites	30
	Meeting/banquet rooms	30
	Corridors and lobbies	40
	Service/support areas	40
Office buildings	Executive and private offices	30
	Conference rooms	30
	Teleconference rooms	25
	Open-plan offices	40
	Corridors and lobbies	40
Courtrooms	Unamplified speech	30
	Amplified speech	35
Performing arts spaces	Drama theaters, concert and recital halls	20
	Music teaching studios	25
	Music practice rooms	30
Hospitals and clinics	Patient rooms	30
	Wards	35
	Operating and procedure rooms	35
	Corridors and lobbies	40
Laboratories	Testing/research with minimal speech Communication	50
	Extensive phone use and speech communication	45
	Group teaching	35
Churches, mosques, synagogues	General assembly with critical music programs	25
Schools	Classrooms	30
	Large lecture rooms with speech amplification	30
	Large lecture rooms without speech amplification	25
Libraries		30
Indoor stadiums, gymnasiums	Gymnasiums and natatoriums	45
	Large-seating-capacity spaces with speech amplification	50

* ASHRAE Applications – Ch. 49 Noise and Vibration Control

Other Products are provided by Khedr Trust Co.

Diffusers & Grilles

- Squar Ceiling Diffuser
- Circular Ceiling Diffuser
- Slot Linear Diffuser
- Linear Bar Grille
- Aluminum Grille
- Swirl Diffuser
- Perforated Ceiling Diffuser
- Disc Valve Diffuser
- Jet Diffuser
- Eye Ball Diffuser
- Door Grille
- Raised Floor Grid

Louvers

- Aluminum Louver
- Sand Trap Louver

Dampers

- Blade Volume Damper
- Toothed Wheel Volume Damper
- Gravity Shutter Damper

Acoustics

- Sound Attenuator
- Acoustic Louver

Smoke Management

- Fire Damper
- Smoke Motorized Damper
- Smoke Vent

Duct Works

- Galvanized Steel Duct
- Black Steel Duct
- Stainless Steel Duct
- Spiral Duct
- Flexible Duct
- Canavas
- Flanges
- Flexible Duct Connector



Khedr Trust

ALL AIR PRODUCTS



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