

CEG
GRILLE



PLUG-N-PLAY
SIMPLICITY

CONSTANT EXHAUST GRILLE

PRESET AIRFLOWS FOR EASY BALANCING



CEG

Constant Exhaust Grilles

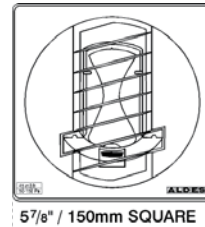
The **CEG** is the latest generation of exhaust grilles with preset airflow controls designed by ALDES. It incorporates a self-balancing airflow control that adjusts the area of the airflow pathway in response to changing duct pressures. Constant airflow is thus assured. In multi-point exhaust systems, the **CEG** permits varying the airflows at one or more exhaust points without significantly affecting the exhaust at the remaining terminal, despite changing duct pressures. This feature virtually eliminates the difficult task of proportional balancing normally associated with centralized fans and multi-point exhaust systems. Further, the **CEG** remains responsive to changing duct pressures encountered during normal operation long after the commissioning of a system. Maintaining constant airflows in one zone, while reducing exhaust levels in unoccupied zones with motorized dampers or other methods, is easily accomplished with the **CEG**.

CEG.....Advantageous for....

- **Specifying Engineers** With the broad line of the **CEG**, meeting building code ventilation requirements is easy..... and confidence can be had in the results. A pleasing esthetic design is adaptable to all architectural designs.
- **Installer** Easy to install, and no need to balance airflows. Truly "plug-n-play" convenience.
- **End Users** Quiet, effective exhaust rates for a healthful atmosphere. Simple maintenance.

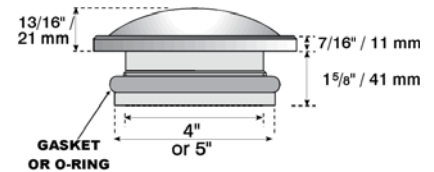
DESCRIPTION

- Main body in white plastic, Suitable for spaces within the scope of NFPA 90B.
- Airflow regulator assures constant airflow rate over a large pressure range (0.2 to 0.6 in.w.g., 50 to 150 Pascals)
- Fits round ducting 4" or 5" (100 or 125 mm) diameter.
- Grille size: 5⁷/₈" square
- Attachment to ducting using foam gasket on 4" model and "Roll in System", a compressible O-ring on 5" CEG.
- Removable grille, held in place by a friction fit, to facilitate cleaning the grille and regulating element.



ORDERING INFORMATION

- Six base airflow rates are available, controlled by the airflow regulating element: 10, 20, 25, 35, 45, 50 cfm (15, 30, 45, 60, 75, 90 m3h).
- Low/high airflow rates are available in the variable series, achieved by a pull cord to rotate the element, exposing a larger free area for increased airflow.
- Grilles are available in standard white color.
- Special retrofit adapters to replace existing static grilles also available (Consult factory).



5"DIA. P/N's		4"DIA. P/N's	Models designated by airflow in m3h	Airflow CFM	Typical Use	Acoustic pressure level in db(A) Sound emitted in a room of 1400 cu. ft., with reverberation time of 0.5 seconds.		
						0.28 in. w.g. (70 Pa)	0.40 in.w.g. (100 Pa)	0.52 in.w.g. (130 Pa)
CONSTANT	19 261W	19 301W	CEG 15	10	Bathrooms, Laundry, Offices, etc.	18	20	22
	19 262W	19 302W	CEG 30	20		23	26	27
	19 263W	19 303W	CEG 45	25		26	27	30
	19 264W	19 304W	CEG 60	35		26	27	30
	19 265W	19 305W	CEG 75	45		NA	NA	NA
	19 266W	19 306W	CEG 90	50		NA	NA	NA
VARIABLE	19 271W	19 311W	CEG 15/30	10/18	Bathrooms, Kitchens	21	23	26
	19 272W	19 312W	CEG 20/75	12/45		22	26	29
	19 273W	19 313W	CEG 30/90	18/50		22	26	29
	19 274W	19 314W	CEG 45/105	25/60		26	28	31
	19 275W	19 315W	CEG 45/120	25/70		26	28	31
	19 276W	19 316W	CEG 45/135	25/80		26	28	31

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