



# AIRFLOW & ZONE CONTROLS

## CEG-II

### Constant Exhaust Grilles

PRODUCT  
SPECIFICATIONS  
& TECHNICAL  
DATA



CEG-II



CEG-II Twin

#### GENERAL

The CEG-II Series is the latest generation of constant exhaust grilles by American ALDES. The CEG-II incorporates a modulating orifice that automatically regulates airflows in exhaust duct systems to constant levels. The passive control element responds to duct pressure and requires no electric or pneumatic sensors or controls.

The CEG-II compensates for changes in duct pressure caused by thermal stack effect, building pressure, dust-clogged filters, etc. The CEG-II also provides a low-cost solution to balancing airflows in multiple-point exhaust systems by eliminating the need for on-site damper adjustment.

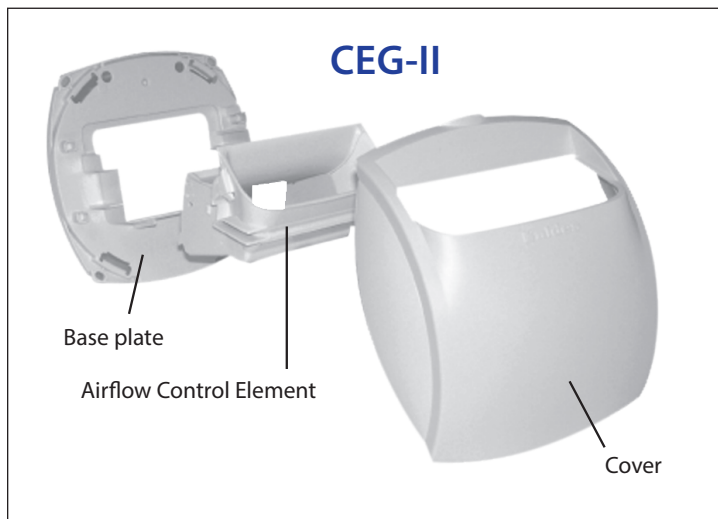
#### CONSTRUCTION

The active control element of the CEG-II is housed in an aesthetically pleasing white molded cover that suits almost any architectural style. The cover and control element are easily removable for cleaning, if necessary. Each CEG-II and CEG-II Twin can be adjusted to distinct, pre-calibrated airflow settings, making it easy for the contractor or end-user to make on-site adjustments if the ventilation demand changes.

#### FEATURES

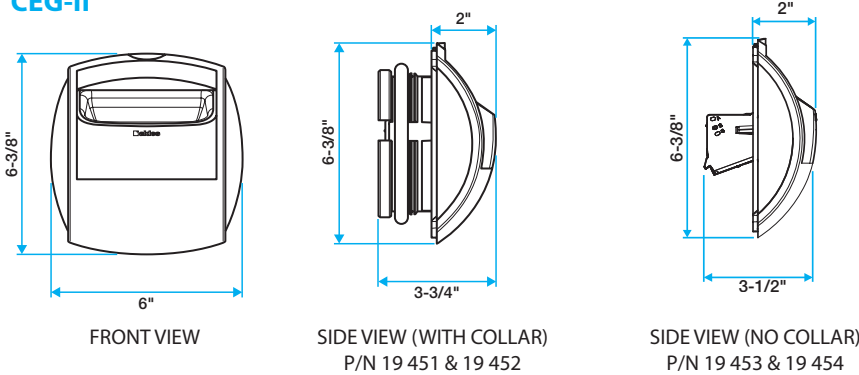
- Removable control element for simple maintenance
- Constructed of UV-resistant ABS plastic
- Exceptionally quiet performance across the specified pressure range
- Airflow regulator ensures constant airflow control over pressure range of 0.2 to 0.65 in. w.g. (50 to 160 Pa)
- Fits 5" (125 mm) round ducting or mounts directly over duct opening (depending on model)
- Removable grille held in place by a friction fit for easy access to control element

CEG-II MODELS		
PART NUMBER	DESCRIPTION	AIRFLOW SETTINGS
19 451	CEG-II - 5" Collar	10/20 CFM (15/30 m <sup>3</sup> /h)
19 452	CEG-II - 5" Collar	20/30/40 CFM (30/45/60 m <sup>3</sup> /h)
19 453	CEG-II (Wall Mount)	10/20 CFM (15/30 m <sup>3</sup> /h)
19 454	CEG-II (Wall Mount)	20/30/40 CFM (30/45/60 m <sup>3</sup> /h)
19 455	CEG-II Twin - 5" Collar	40/55/65 CFM (60/75/90 m <sup>3</sup> /h)
19 456	CEG-II Twin - 5" Collar	75/85/95 CFM (100/120/150 m <sup>3</sup> /h)
19 457	CEG-II Twin (Wall Mount)	40/55/65 CFM (60/75/90 m <sup>3</sup> /h)
19 458	CEG-II Twin (Wall Mount)	75/85/95 CFM (100/120/150 m <sup>3</sup> /h)
ACCESSORIES		
19 460	Wall Adapter Plate (CEG-II or CEG-II Twin)	
19 429	Sound-Absorbing Ring Insert	

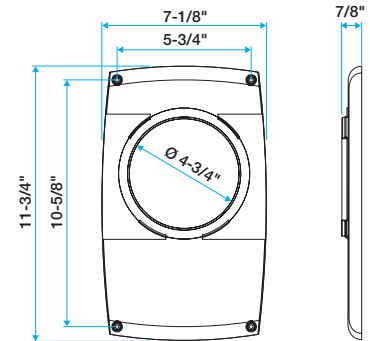


# Dimensions

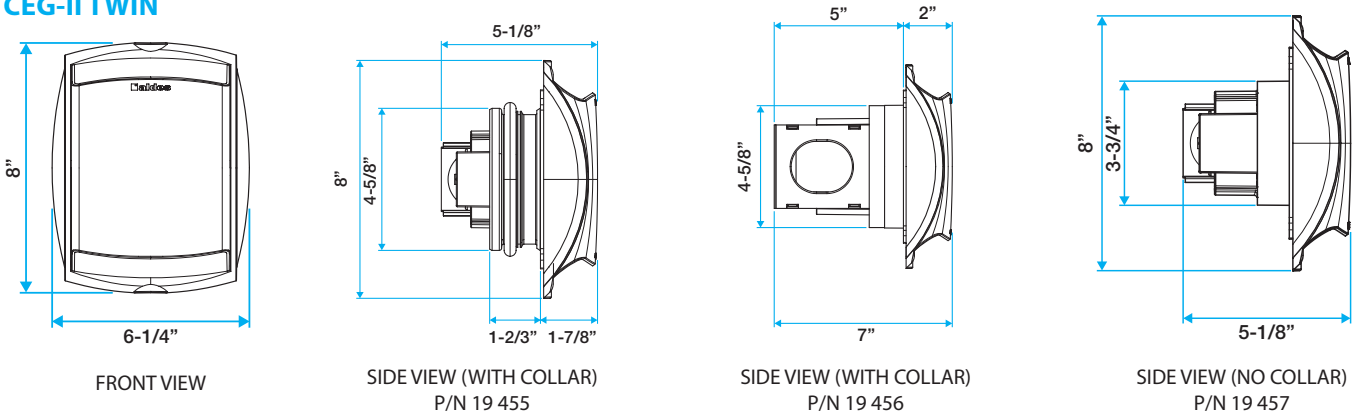
## CEG-II



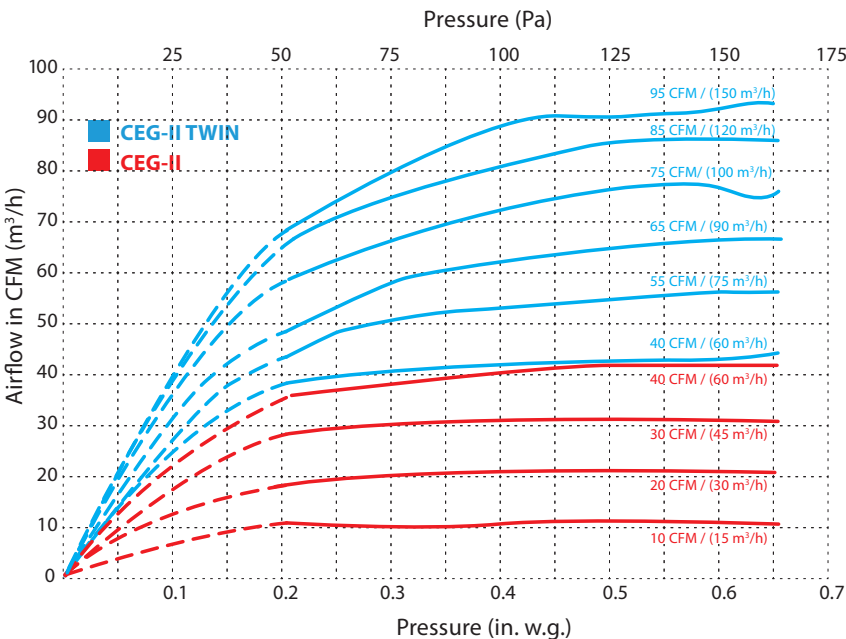
## WALL ADAPTER PLATE (P/N 19 460)



## CEG-II TWIN



# Airflow Performance



ACOUSTIC PERFORMANCE								
MODEL	AIRFLOW (CFM) *	FREQUENCY (Hz)						OVERALL L <sub>w</sub> (dB(A))
		125	250	500	1000	2000	4000	
CEG-II	10	24	25	19	24	16	26	32
	20	25	27	20	23	22	16	31
	30	28	35	25	28	27	22	38
	40	39	40	36	35	36	31	41
CEG-II TWIN	40	43	43	41	41	31	28	43
	55	45	48	45	44	35	30	47
	65	45	50	46	44	37	32	49
	75	47	47	47	43	38	32	48
	85	51	50	49	44	39	34	50
95	53	52	50	44	41	35	51	

\* Airflow measured at 0.55 in. w.g. (136 Pa)

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