

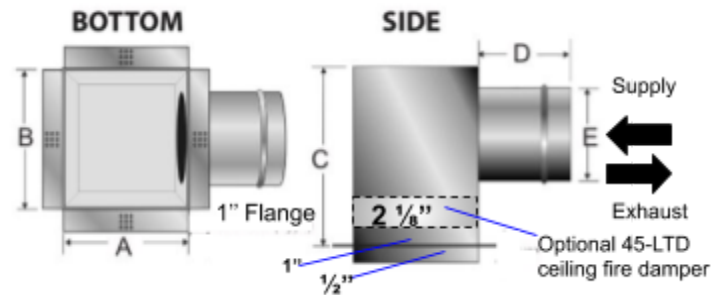
**eFlow- CAR Application and Design**

eFlow-CAR is a factory set Constant Airflow Regulator designed to save a significant amount of energy by precisely controlling airflow into and out of space regardless of static pressure, while providing High Indoor Quality (IAQ). eFlow-CAR is composed of fire resistant UL 94 ABS plastic. It contains a self regulated aero-wing and spring piston design to maintain a factory preset air flow. These CARs are designed to operate in pressure range Low Pressure (.08"-0.4" w.c), Standard Pressure (0.2"-1 w.c) and High Pressure (0.6"-2.4" w.c). They automatically adjust for variable duct pressures caused by building pressure, thermal stack effect, dust build up and other variable factors. This Constant Airflow Regulator creates cost effective answers to balancing air systems for HVAC and ventilation in high rise buildings, without the requirement for on-site balancing, electrical/pneumatic controls or sensors. eFlow-CARs may contribute to meeting USGBC LEED Building and Passive House Certification. eFlow- CARs require no maintenance under normal conditions.



**eFlow-CAR Ceiling Mounting Box**

eFlow-CAR is inserted in a heavy-gauge galvanized steel enclosure with a side take-off collar. It is designed to accommodate an installation of ceiling fire damper and standard aluminum grille. eFlow-CAR is removable from the assembly to allow for easy CFM adjustment. Each assembly is welded to minimize air leakage. *Custom sizes are available.*



**Options**

- Ceiling fire damper, UL555C Classified
- Aluminum Grille
- Supply Application
- Exhaust Application
- Back take off collar
- Retrofit (dimensions for A, B reduced by 1/4")
- Custom size

Job name:
Location:
Architect:
Engineer:
Contractor:

	BOX SIZE (NOMINAL)	CAR SIZE	A	B	C	D	E
<input type="checkbox"/>	6"x6"	4"	6"	6"	8"	4 1/2"	4"
<input type="checkbox"/>	6"x6"	5"	6"	6"	8"	5 3/4"	5"
<input type="checkbox"/>	8"x8"	4"	8"	8"	9"	4 1/2"	4"
<input type="checkbox"/>	8"x8"	5"	8"	8"	9"	5 3/4"	5"
<input type="checkbox"/>	8"x8"	6"	8"	8"	9"	5 3/4"	6"
<input type="checkbox"/>	10"x10"	4"	10"	10"	11"	4 1/2"	4"
<input type="checkbox"/>	10"x10"	5"	10"	10"	11"	5 3/4"	5"
<input type="checkbox"/>	10"x10"	6"	10"	10"	11"	5 3/4"	6"
<input type="checkbox"/>	10"x10"	8"	10"	10"	11"	6 1/2"	8"

\*Standard sizes shown. Ceiling Mounting Box is available in custom size. Contact eFlow USA