

SUBMITTAL DATA

eFlow-Constant Airflow Regulator (CAR) Mounting Plate

eFlow-CAR Application and Design

eFlow-CAR is factory set Constant Airflow Regulator designed to save significant amount of energy and money by precisely controlling airflow into or out of space, regardless of static pressure, and all along providing high Indoor Air Quality (IAQ). eFlow CAR is composed of fire resistant ABS plastic. It contains a self regulating aero-wing and spring piston design to maintain a factory preset air flow. These CAR's are designed to operate in pressure range Low Pressure (.08"- .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 answer 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-CAR may contribute to meeting USGBC LEED Building Certification. eFlow CAR requires no maintenance under normal conditions.

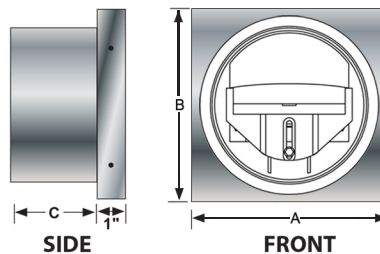
eFlow-CAR Mounting Plate

All eFlow-CAR models are available with a square or rectangular Mounting Plate. Custom Sizes available upon request. This Mounting Plate will allow for easy eFlow-CAR installation into square/rectangular duct or sleeve. The eFlow-Mounting Plate can be used for both Supply and Exhaust applications.



*Shown above: eFlow-CAR 3" (10-30 CFM Adjustable Airflow Setting), inserted in 6X6 eFlow-Mounting Plate for easy duct installation

eFlow-CAR Mounting Plate Dimensions



NOMINAL DUCT SIZE*	REGULATING ELEMENT SIZE	A	B	C
<input type="checkbox"/> 6" x 4"	3"	5.9"	3.9"	1.6"
<input type="checkbox"/> 6" x 4"	4"	5.9"	3.9"	2.5"
<input type="checkbox"/> 6" x 6"	3"	5.9"	5.9"	1.6"
<input type="checkbox"/> 6" x 6"	4"	5.9"	5.9"	2.5"
<input type="checkbox"/> 6" x 6"	5"	5.9"	5.9"	3.5"
<input type="checkbox"/> 6" x 6"	6"	5.9"	5.9"	3.5"
<input type="checkbox"/> 8" x 8"	3"	7.9"	7.9"	1.6"
<input type="checkbox"/> 8" x 8"	4"	7.9"	7.9"	2.5"
<input type="checkbox"/> 8" x 8"	5"	7.9"	7.9"	3.5"
<input type="checkbox"/> 8" x 8"	6"	7.9"	7.9"	3.5"
<input type="checkbox"/> 8" x 8"	8"	7.9"	7.9"	3.5"
<input type="checkbox"/> 10" x 10"	3"	9.9"	9.9"	1.6"
<input type="checkbox"/> 10" x 10"	4"	9.9"	9.9"	2.5"
<input type="checkbox"/> 10" x 10"	5"	9.9"	9.9"	3.5"
<input type="checkbox"/> 10" x 10"	6"	9.9"	9.9"	3.5"
<input type="checkbox"/> 10" x 10"	8"	9.9"	9.9"	3.5"
<input type="checkbox"/> 10" x 10"	10"	9.9"	9.9"	3.8"
<input type="checkbox"/> 12" x 12"	3"	11.9"	11.9"	1.6"
<input type="checkbox"/> 12" x 12"	4"	11.9"	11.9"	2.5"
<input type="checkbox"/> 12" x 12"	5"	11.9"	11.9"	3.5"
<input type="checkbox"/> 12" x 12"	6"	11.9"	11.9"	3.5"
<input type="checkbox"/> 12" x 12"	8"	11.9"	11.9"	3.5"
<input type="checkbox"/> 12" x 12"	10"	11.9"	11.9"	3.8"

* Standard sizes shown.
Mounting plates are also available to accommodate any rectangular duct size.

Job Name: _____
 Location: _____
 Architect: _____
 Engineer: _____
 Contractor: _____

eFlow-Constant Airflow Regulator(CAR)
(Supply, Exhaust)

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