



IRIS-SS

Volume Control and Measurement

Application and Design

The Young Regulator model IRIS-SS is the ideal regulator of airflow. Equipt with a measuring device, Iris Dampers are unique because they provide both a tool to control and measure airflow. The blade configuration always keeps the flow in the middle of the duct, reducing both turbulence and noise. Built it static pressure measuring ports on each side of the damper allow for direct measurement of pressure drop, which can be converted to airflow and/or velocity. To adjust airflow simply position the calibrated control lever.

- Precise airflow measurement
- Accurate air balancing
- Single station measurement and control
- Silent by design
- 316 stainless steel construction
- Fully retractable blades for duct cleaning
- Gasket for low leak duct design



TECHNICAL SPECIFICATIONS

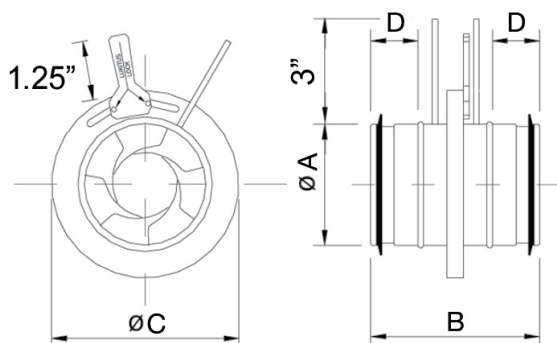
Diameter	3.1" Ø - 31.5" Ø
Service Temperature	14° F - 176° F
Air Tightness	Class 12

Quantity	Option	Notes
PROJECT	LOCATION	
CONTRACTOR	DESIGN SPECIFIER	

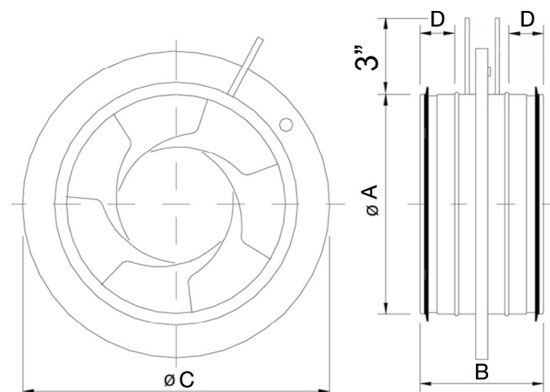


IRIS-SS Volume Control and Measurement

IRIS-SS-03X



IRIS-SS-04 through IRIS-SS-31X



DESCRIPTION	A (Inch)	B (Inch)	C (Inch)	D (Inch)	WEIGHT (lbs)
IRIS-SS-03X	3.1	4.5	4.9	1.4	1.1
IRIS-SS-04	3.9	4.5	6.5	1.2	1.3
IRIS-SS-05	4.9	4.5	7.4	1.2	1.5
IRIS-SS-06	5.9	4.5	9.1	1.2	2.2
IRIS-SS-08	7.8	4.7	11.2	1.2	3.1
IRIS-SS-10	9.8	5.3	13.2	1.6	4.4
IRIS-SS-12	11.8	5.5	15.9	1.6	5.7
IRIS-SS-16	15.7	5.9	20.7	2.2	14.3
IRIS-SS-20	19.6	5.9	25.8	2.0	19.8
IRIS-SS-25	24.8	6.3	32.1	2.4	35.3
IRIS-SS-31X	31.5	11.4	40.0	4.7	55.1