



Model 800AWO
Oval Cable Damper
Controlled Inside the Air -Stream

Application and Design

The Young Regulator model 800AWO is an oval cable-controlled damper used to control air to a low-profile plenum with an oval air inlet. A flexible casing and wire, fastened to the damper blade, is carried down into the plenum where it is accessible from inside the slot diffuser. A push / pull motion of the wire opens and closes the damper. When the desired airflow is achieved, the damper is locked in place with a convenient thumb screw. The cable is then relocated out of sight above the slot diffuser inside the plenum.



STANDARD COMMERCIAL CONSTRUCTION

Shell	24 ga. Galvanized Steel
Blade	18 ga. Galvanized Steel
Shaft	1/2" Plated Steel
Bushing	Synthetic

SIZE INFORMATION

Oval Equivalent	6"-12" (See Charts)
Shell Length	8"

CASING AND WIRE

Outer Sheathing	3/16" Flexible Galvanized Spiral
Inner Wire	.054 Stainless Steel
Standard Length	36", custom lengths to 96"

OPTIONS

Aluminum Outer Sheathing (Casing & Wire)
Stainless Steel Outer Sheathing (Casing & Wire)
Custom Cable Lengths up to 8'
Stainless Steel Damper Construction (Damper)

PRICE PLENUM OVAL INLET DIMENSIONS

SIZE	MODEL #	WIDTH	HEIGHT
6" Oval	800AWO-P-06	7-1/8"	4"-1/8"
8" Oval	800AWO-P-08	10-1/4"	4"-1/8"
10" Oval	800AWO-P-10	13-3/8"	4"-1/8"
12" Oval	800AWO-P-12	16-1/2"	4"-1/8"

TITUS PLENUM OVAL INLET DIMENSIONS

SIZE	MODEL #	WIDTH	HEIGHT
6" Oval	800AWO-T-06	6-1/4"	5-3/8"
8" Oval	800AWO-T-08	9-3/8"	5-3/8"
10" Oval	800AWO-T-10	12-1/2"	5-3/8"
12" Oval	800AWO-T-12	14-1/4"	8"

Quantity	Option	Notes

PROJECT	LOCATION
CONTRACTOR	DESIGN SPECIFIER