

OVERVIEW

One of Rossi's greatest innovations is eliminating the old style 'wingnut' as the locking mechanism used in manual air flow regulators. Wingnut-style regulators (damper handles) have 3 problems. (1) Tiny vibrations in the duct cause the wingnut to come loose over time. (2) This creates rattling sounds in the duct and (3) disrupts the air balance in the building. Metal wingnuts can even rust shut making it impossible to adjust the position of the regulator handle. For these reasons, every Rossi regulator eliminates the wingnut as a locking mechanism. Our hand twist locking damper handle, the Twistlock model, allows for an infinite range of balancing control with our superior-grip orange knob. The Twistlock is available to mount directly (flat) to the damper or utilize a 1 1/2" or 2" standoff to accommodate for insulation.



PART NUMBERS

Part #	Product Description	Quantity	Rossi Part #
358692	Twistlock regulator with 1.5" stand-off bracket	200/Case	H-150
358693	Twistlock regulator with 2" stand-off bracket	200/Case	H-200
358694	Twistlock regulator with 2" stand-off bracket SSTL	200/Case	H-200SS
358695	Twistlock regulator with 2" stand-off bracket ALUM	200/Case	H-200A
358696	Twistlock Flat regulator with built-in bushing	200/Case	H-102

SPECIFICATION/STANDARDS COMPLIANCE

Property	Method	Results
SMACNA Standard	HVAC Duct Construction Standards	Meets or exceeds latest standard
UL 1995 Standard Code for Heating & Cooling (CSA-C22.2 No. 238)	Flammability rating Deflection temperature Tensile strength at break Tensile modulus	5VA 450F @ 66 PSI, 380F @ 264 PSI 9,500 PSI 480,000 PSI

FEATURES AND BENEFITS

- 100% designed, engineered and manufactured in the U.S.A.
- Hand operated, NO tools
- Handle indicates true blade position
- Handles bright orange color provides high visibility
- Body made from 18-gauge G90 galvanized
- Handle & lock made of flame retardent engineering polymer with highest rating of 5VA
- Twistlock & Twistlock Flat are designed to be used with 3/8" square bar
- Twistlock standoff bracket available in 1 1/2" and 2" heights
- Also available in stainless steel and aluminum



**CONTRACTORS
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TYPICAL PROPERTIES AND CHARACTERISTICS

Ductwork Requirement	Spiral, square, rectangular
Material (Body)	18-gauge G90 galvanized
Material (Handle & twist knob)	Flame retardent engineering polymer (PA66 or equivalent)
Environmental Safety	Non-toxic when used as intended
Packaging	Cardboard carton

APPLICATION

Painting	If ductwork is to be painted/coated, avoid painting/coating Rossi components to protect the damper's function.
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PRECAUTIONS

Rossi Twistlock and Twistlock Flat have sharp edges and potential pinch points therefore care should be taken when handling and use standard personal protective equipment when handling/installing.

STORAGE

Shelf Life	Indefinite
Flammability	Non-flammable

LEED®

Post-Industrial Recycled Content	0%
Pre-consumer Recycled Content	0%
VOC Content	0 g/l
Manufacturing Location(s)	Montrose, CA

Twistlock™ & Twistlock Flat™ Full Assembly



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