



Young Regulator Co.

7100 Krick Rd • Walton Hills, OH 44146
 P: 440-232-9700 • F: 440-232-8266
www.youngregulator.com

Submit 270-302 – 1-10

Model 270-302

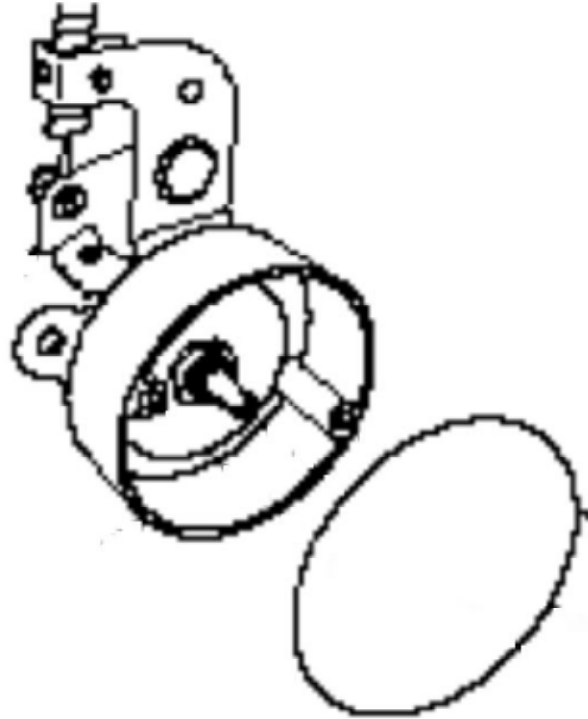
*Bowden Remote Cable Control
 Concealed Wall Regulator with 3" Cover Plate*

Application and Design

Balancing dampers located in inaccessible spaces are now easily controlled with the Young Regulator Bowden Remote Cable Assemblies. Access is concealed in the ceiling, inside plenums, or moved to a convenient area such as a nearby mechanical room or above a lay in ceiling. Access doors can be eliminated for architectural aesthetics.

A flexible casing and wire up to 50' long runs from a steel rack and pinion locking controller to a damper where the rotary motion of the rack and pinion controller is converted to a push-pull motion with a lever arm.

The 270-302 is a concealed wall regulator with 3" cover plate. Zinc plated finish is standard, with optional stainless steel, chrome, and power coated finish. Options include stainless and power coated cover plates, and tamper proof screws.



STANDARD CONSTRUCTION	
Rack and Pinion	14 ga. Galvanized Steel
Die Cast Cup	2 5/8" Diameter
Cover Plate	3" Zinc Plated
ACCESSORIES	
Controlled with model 030-12 wrench	
BCW - Bowden Casing and Wire - ordered separately by the foot or in bulk	

OPTIONS
Primer Coated Cover
Stainless Steel Cover
Chrome Plated Cover
Oversized Cover
Tamper Proof Screws
Order "270-XXXB" for dampers with 1/2" round or 3/8" square damper shafts
Order "270-XXXB-Q" for dampers with 5/16" round or 1/4" square damper shafts
Contact the factory for other damper shaft sizes.

QUANTITY	MODEL	OPTION	NOTES

PROJECT	LOCATION
CONTRACTOR	DESIGN SPECIFIER



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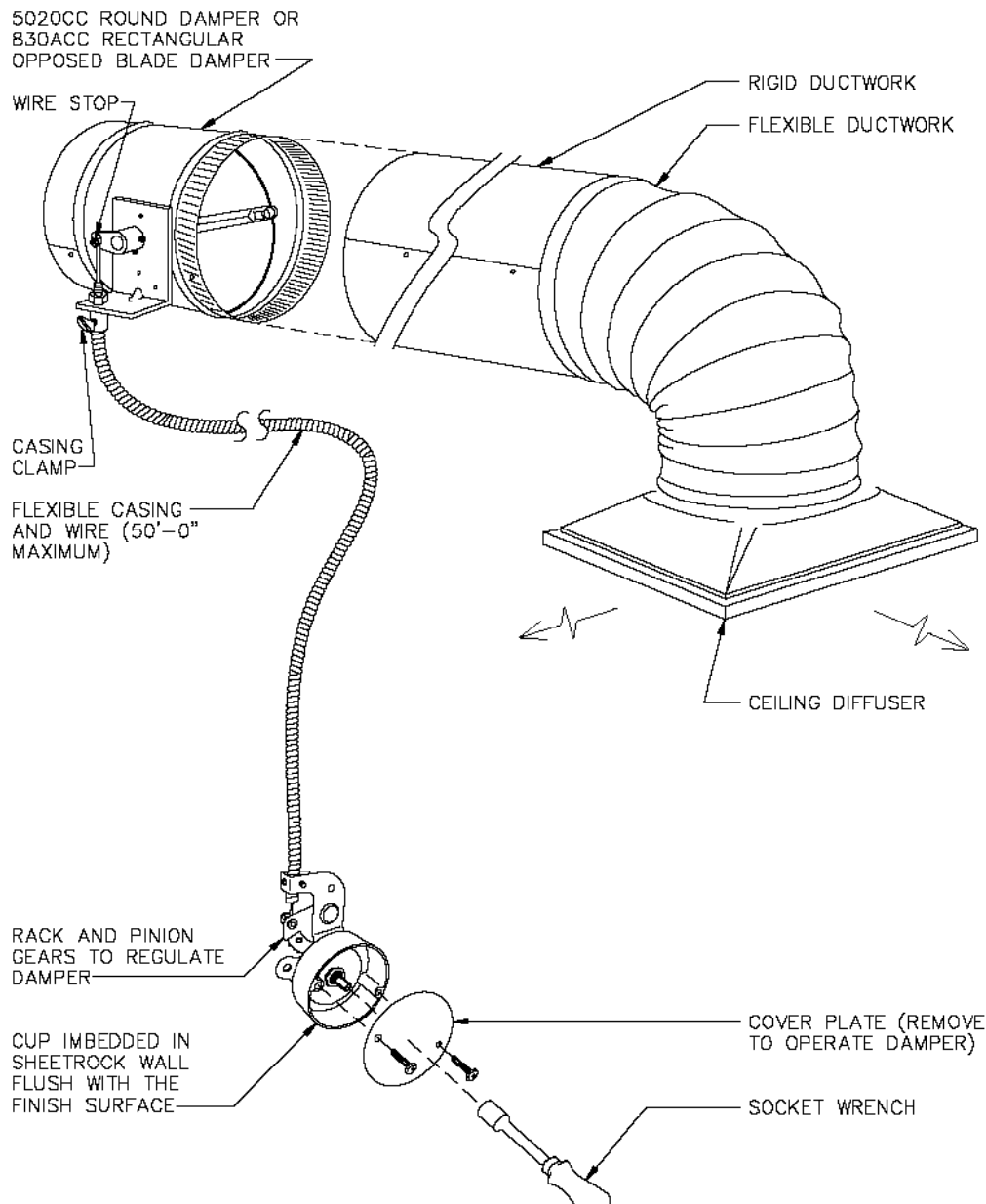
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270-302

Damper controller and cable shall be concealed behind the wall. Cable to consist of Bowden cable .054" stainless steel control wire encapsulated in 1/16" flexible galvanized spiral wire sheath. Control kit shall consist of 2-5/8" diameter die cast aluminum housing with 3" diameter zinc plated [polished chrome is optional] cover, and 14 gauge steel rack and pinion gear drive converting rotary motion to push-pull motion. Control shaft shall be D-style flatted 1/4" diameter with 265 degree rotation providing graduations for positive locking and control, and 1-1/2" linear travel capability. Control kit is designed to be imbedded in the wall flush with the finished surface. Control kit shall be manually operated using Young Regulator Model 030-12 wrench. Control kit shall be Young Regulator Model 270-302 or prior approved equal.