

## 240 REMOTE CABLE CONTROL SYSTEM

The 240 Remote Cable Control System by Young Regulator provides control of low pressure balancing dampers in inaccessible areas by a 1/4" rotary motion flexible steel shaft.

Applications include dampers in the inlet slot or square face diffusers and branch take-off. Radial round dampers or opposed rectangular dampers are controlled with cables in standard lengths of 3 and 8 feet. The cable runs in the airstream and is usually terminated in the opening of the air duct. The assembly is provided in one piece and is simple to install.

### FEATURES

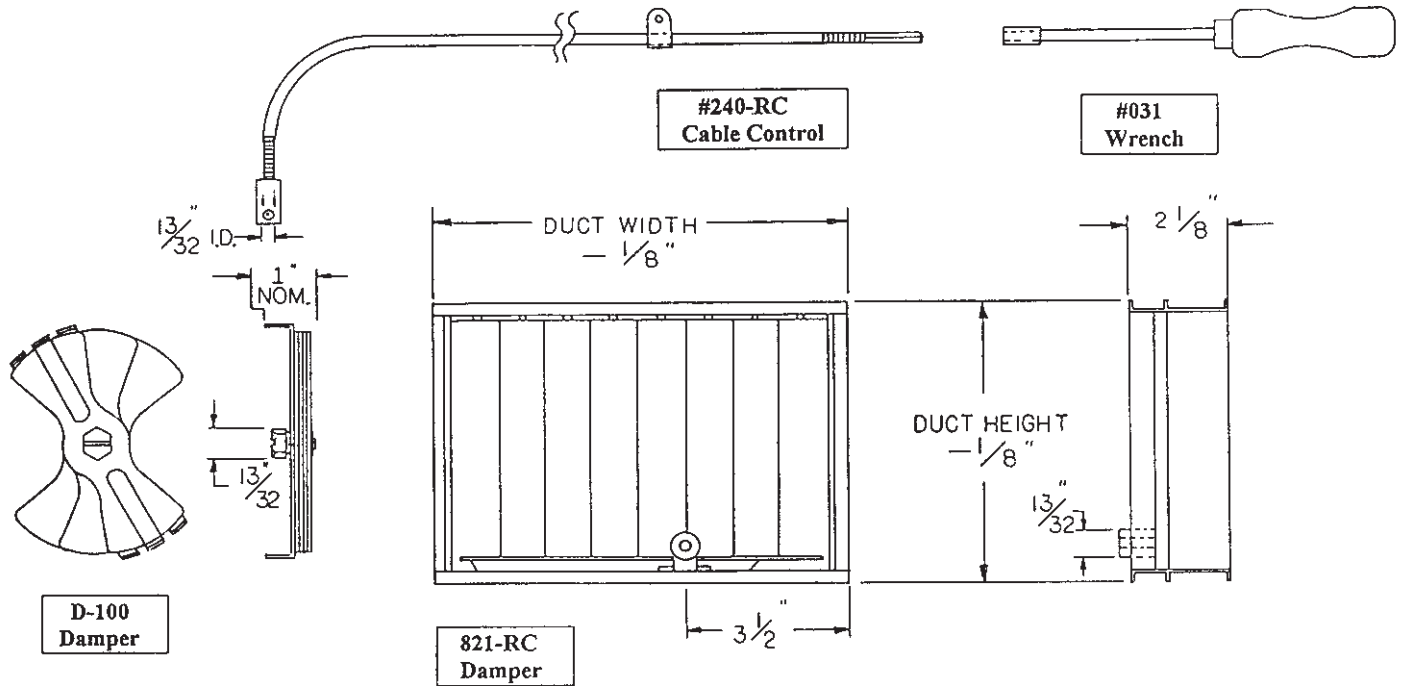
- #240-RC Cable Control Assembly Controls round or rectangular dampers with heavy 1/4" flexible cable connected to 13/32" damper shaft
- #D100 Radial Dampers Sizes 6"-14"
- #821RC Rectangular Aluminum Opposed Blade Damper with individual blade bushings
- East adjustment with 031 Balancing Wrench

### OPTIONS

- Longer or odd size lengths of cable
- Other mounting controls and hardware
- Commercial dampers with 1/2" round shaft

### Note

For a locking type rack and pinion system, see #270 Bowden Controls. For optional dampers, see the Young Regulator catalog.

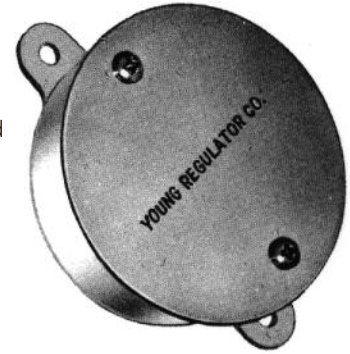


## 301

### 301 CONCEALED DAMPER REGULATORS

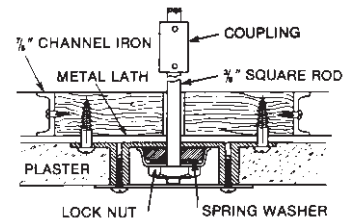
The Young 301 3/8" concealed locking regulator is designed to control dampers from the ceiling line. The 301 may be used with either our 820A-C rectangular or our 5020-B round bottom duct mounted damper. It may also be used in combination with our 927 and 1200 right angle controls on any round or rectangular side control damper, including Young 5020 and 820 Series. The 301 regulator is embedded in the ceiling so that the unit is flush with the finished surface. It is 2 5/8" in diameter and 15/16" deep, with a 3" cover plate which covers the joint between box and plaster. The cover plate, which should be removed before plastering, is held in place by two 6-32 x 5/8" machine screws that are easily removed for damper adjustment.

The 301 is operated by our 04 wrench, available separately, which fits the end of the 3/8" damper rod. 301 must be used with 3/8" rod. A variety of adapters and couplings for use with rods of other dimensions is available.



#### OPTIONS INCLUDE:

- Cover plate is available in either zinc plated or polished chrome finish. Please specify on your order.
- Cover plate can be furnished in 3-3/4" diameter for a small additional charge. Please specify on your order.
- Our 980 tamper-proof screws and 982 tamper proof screw tool (available separately) may be used to secure the cover plate when limited access to the control is desired.

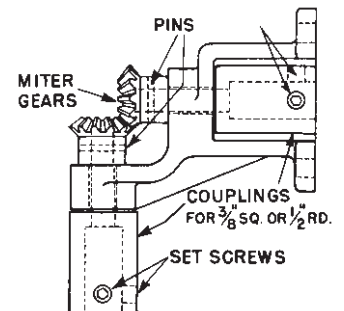


## 927 Miter Gears

### 301 CONCEALED DAMPER REGULATORS

Young 927 miter gears are used when the operating shaft must be carried down at a right angle to the damper shaft. Two models are available - 927C die cast gears for regular applications and 927B precision cut steel gears for longer life and a variety of heavy-duty applications.

Damper shaft can be either 3/8" square or 1/2" round. Four 1/4-20 mounting bolts and nuts are supplied with each set of miter gears.



## ACCESSORIES

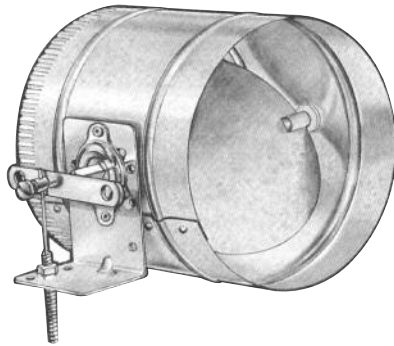
### COUPLINGS

617 3/8" square to 3/8" square

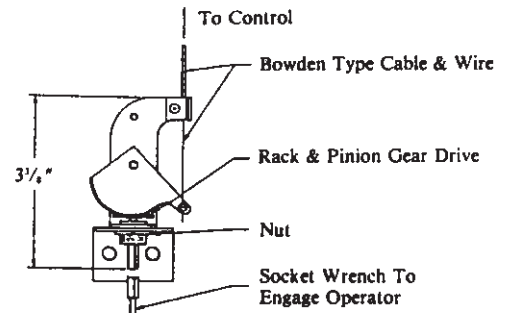


## REMOTE DAMPER CONTROL

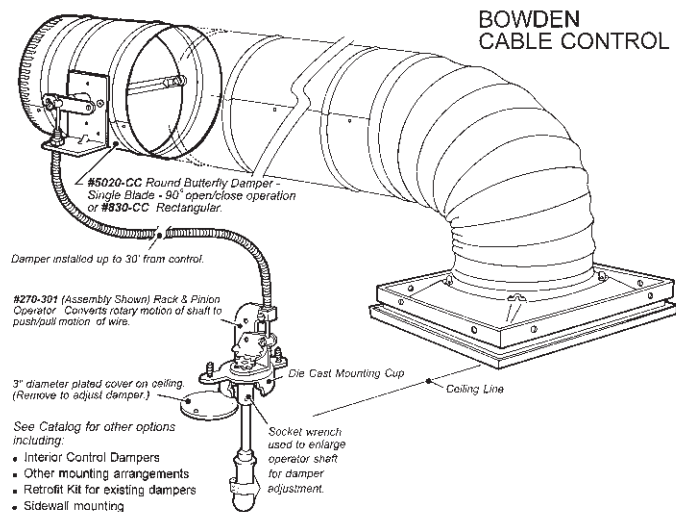
Young Regulator 5020-CC Damper with Bowden damper control assembly



Rack and Pinion Cable Operator #270-275



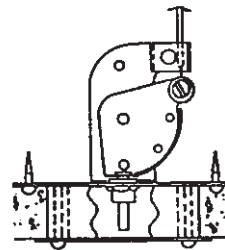
## BOWDEN CABLE CONTROL



- See Catalog for other options including:
- Interior Control Dampers
  - Other mounting arrangements
  - Retrofit Kit for existing dampers
  - Sidewall mounting

The Bowden System has many features to ensure ease of installation, service and balancing. Its unique design performs optimally for a quiet, efficient and effective air damper system.

## CONTROL MOUNTING OPTIONS



#270-301 Bowden control kit

### OPERATION

5020CC dampers are designed to be operated by any of our 3 Bowden cable control kits, but will also accommodate locking hand quadrant or an electric actuator (by others).

### AVAILABLE SIZES

6", 8", 10", 12"

### SHELL LENGTHS

10" up to 10" diameter dampers  
12" for 12" diameter dampers

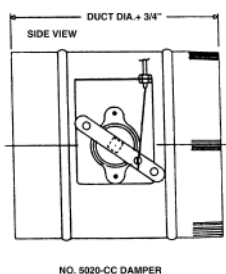
**AVAILABILITY:** Warehouse Only

#5020-CC Dampers: 6", 8", 10", 12" and 14" Round

**OPERATORS:** 270-275, 270-301

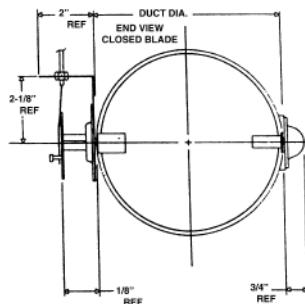
Bowden Type Cable and Wire: Available in 3 ft., 6 ft., and 10 ft. lengths only.

## 5020 CC Damper



NO. 5020-CC DAMPER

Side View



End View