



**3040P**  
**Medium Pressure Control Damper**

**Application and Design**

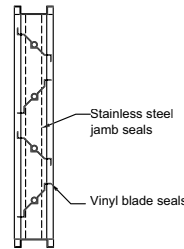
The Young Regulator 3040P is a medium pressure rectangular control damper that provides efficient air flow control in conventional air handling systems where minimal air leakage past the closed damper is critical. It is designed for medium velocity and differential pressure applications up to 8" W.C. All roll-formed standardized parts conform to specifications for high quality, low leakage, maximum rigidity, and low operating torque.

A 7" wide side-plate allows for slip-in installation to the side of a duct. The plate is also convenient for a field-installed actuator.



\*\*3040P photographed is 16" x 10" with PVC Vinyl Blade Seals

OPTIONAL:



Young Regulator certifies that the 3040P is licensed to bear the AMCA Seal. The ratings are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Rating Seal



Note:  
All 3040P dampers 9" height or less will be single-blade construction.  
All 3040P dampers 10" height or greater will be opposed-blade construction.

| STANDARD CONSTRUCTION |                             |
|-----------------------|-----------------------------|
| Frame                 | Rollformed Galvanized Steel |
| Blades                | 16. ga. Galvanized Steel    |
| Shaft                 | Ø1/2" x 4-1/2"              |
| Blade Bushings        | Nylon                       |

| SIZE INFORMATION (1/4" UNDERSIZED HIGH & WIDE) |           |
|------------------------------------------------|-----------|
| Frame Width                                    | 5"        |
| Blade Width                                    | 4"-7"     |
| Max Size                                       | 48" x 60" |
| Min Size                                       | 6" x 6"   |

| Quantity | Option | Notes |
|----------|--------|-------|
|          |        |       |
|          |        |       |
|          |        |       |

| OPTIONS                                |
|----------------------------------------|
| Aluminum Construction                  |
| Stainless Steel Construction           |
| PVC Vinyl Blade Seals (180° F) [82° C] |
| Stainless Steel Compression Jamb Seals |

| CONTROL OPTIONS     |                                  |
|---------------------|----------------------------------|
| Motorized           | YR Model 3045 / YR Model EBDL    |
| Cable Controlled    | Bowden Series / Flexshaft Series |
| Gear Controlled     | 927 Miter Gear, 1200 Worm Gear   |
| Manually Controlled | 404 Quadrant                     |

|                   |                         |
|-------------------|-------------------------|
| <b>PROJECT</b>    | <b>LOCATION</b>         |
| <b>CONTRACTOR</b> | <b>DESIGN SPECIFIER</b> |