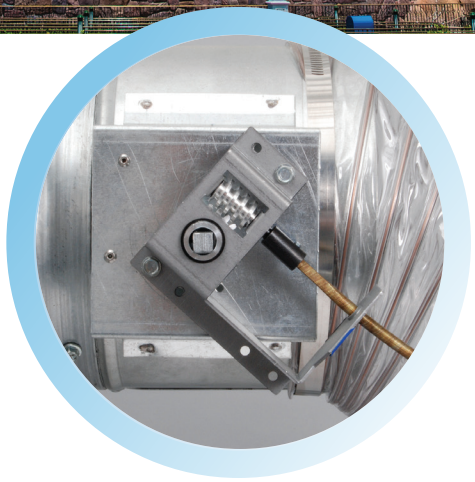
There's Another

Common Theme

Among Disney Parks Around the World:
Remotely Operated Balancing Dampers.

Disney's theme parks are the latest in a growing group of developments around the world that are specifying remotely operated balancing dampers, designed and manufactured by Metropolitan Air Technology (MAT).



MAT's remotely operated balancing dampers are quickly becoming the standard in today's modern architecture. The damper design delivers on architectural demands that require the elimination of unsightly duct access panels. MAT's dampers allow for remote access for airflow balancing. Adjustments to airflow are made at remote termination points that are nearly invisible. This feature allows for the design and preservation of ornate ceilings, like the structures found at Disney parks.

Disney engineers actually adjusted their design to work with the MAT dampers.

"The architects that design those iconic Disney structures require mechanical solutions to accommodate their intricate architectural detailing," noted Mike Blaha, MAT General Manager. *"Our remotely operated dampers solve the problem that has plagued them, and so many other architects and engineers around the world, for decades."*

Disney park locations that have utilized MAT's remotely operated balancing dampers include:

- **Walt Disney World** - Orlando, FL (Star Wars Attraction, Animal Kingdom, Magic Kingdom, and Downtown Disney)
- **Shanghai Disney** - Shanghai, China

Ornate ceiling details throughout the Disney structures do not allow for direct damper access, requiring a remote operating solution.

MAT
Metropolitan Air Technology

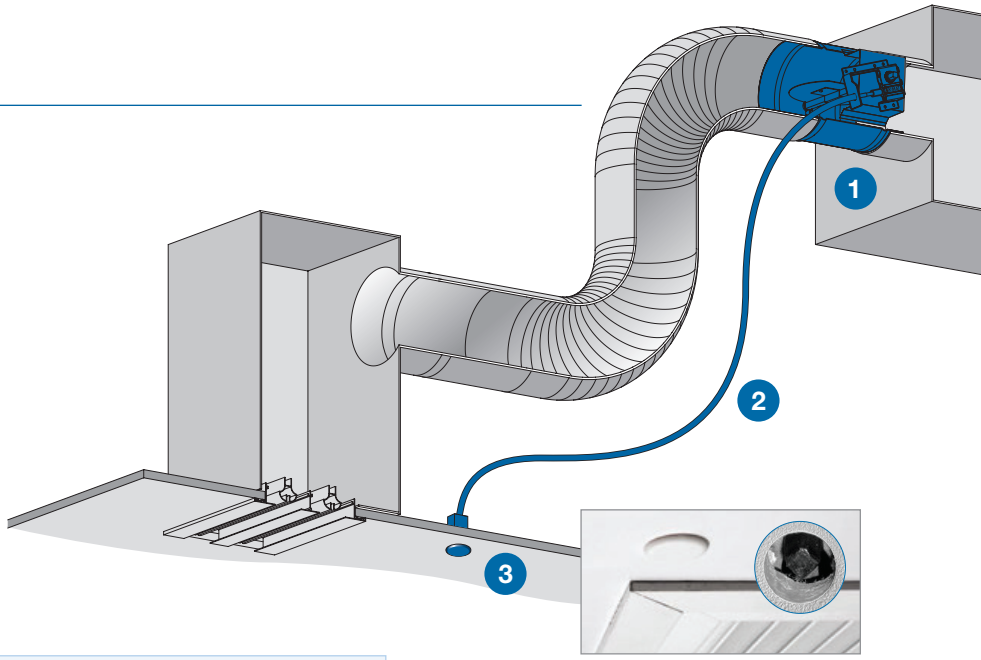
How It Works

MAT Remotely Operated Dampers that are routed outside the airstream require only 3 simple steps to install and operate.

1 Damper is easily installed in new or existing air duct.

2 Cable is routed through to surface termination point.

3 Damper can be adjusted with standard wrench.



What to Know

Remotely Operated Balancing Dampers

Product Line Benefits

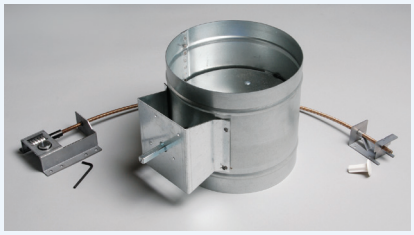
- Preserves ceiling design aesthetics
- Eliminates the need for access panels
- Eliminates the need for hazardous scaffolding to reach ducts with limited access
- Balancing is performed without breaking into finished walls or ceilings
- Saves time and labor on balancing and rebalancing

Product Line Features

- UL certified
- Made in the USA

Product Line Options

- Round, rectangular and oval
- Many sizes available
- Operation:
  Roto-Twist® cable-operated
  Electro-Balance® battery-powered
- Materials: Galvanized steel, aluminum and stainless steel



MAT's Universal Damper Drive System consists of the RT-WGA universal damper drive, a rotary actuation cable, and a finished surface cable termination fixture or ceiling cup. Damper adjustment is accomplished via rotary cable actuation using a standard 1/4" hex nut driver or MAT square nut driver.

About Metropolitan Air Technology

MAT is a US manufacturer located in Chicago, IL. They have been in business for over 20 years. Their products are installed in prominent buildings throughout the world, including Field Museum in Chicago, Harvard University, John Hopkins Hospital, Tiffany & Co, Walt Disney World and Shanghai Disney, Trump Tower of Chicago, Hamad International Airport, Msheireb Downtown Doha, Canada's West Block Parliament, Art Gallery of Ontario, and Parq Vancouver.