

Damper Products

Isolation Dampers

Greenheck has the largest offering of isolation dampers in the industry. These dampers are designed to provide tight shutoff with leakage as low as zero. Each is equipped with shaft seals to prevent leakage through the damper frame and silicone blade seals.

Typical applications

- Clean rooms
- Chemical and treatment plants
- Data centers
- Dust collection
- Bag in bag out (BIBO) filtration
- BSL3 and BSL4 laboratories
- Microelectronic manufacturing
- Medical facilities
- Manufacturing (automotive, solar panel, chemical, etc.)

Low leakage models

Models HCD-221 and HCDR-351 have leakage as low as 1 cfm/sq. ft. at 20 in. wg.

Bubble tight dampers

Models HBT-221 (rectangular), HTBR-151, 451 and 551 (round) have zero leakage up to 30 in. wg. Testing complies with AMCA 500 and ASME AG-1 (formally ASME N509).

COVID-19 Readiness

In preparation to serve the needs of laboratories, hospitals and other healthcare facilities during the COVID-19 pandemic, we have increased our stocking levels of common HBTR-151 and HBTR-451 bubble tight damper components. We are prepared to offer small quantities of bubble tight dampers on faster quick build options.

5-7 day option – stainless steel units (avoiding additional days for painting process), 4" (HBTR-151 only), 6", 8", 10", 12", 14" & 16" – manual quad, select Honeywell or Belimo actuator options – 25% add

10-day option – stainless steel or painted steel units. 6", 8", 10", 12", 14" & 16" – manual quad, select Honeywell or Belimo actuator options – 15% add

[Learn more about bubble tight dampers](#)

