

Pressure Relief Dampers



Specifications:

First class electrolyzed steel plate for body with high grade SS304 stainless steel blade.

Body – epoxy powder coating to standard BS colors

Meets international quality and safety requirements

C04 - NHS Model Engineering Specification

HTM 03-01/HTM2025:1994 – Ventilation in Healthcare Premises

Introduction

Operating theatres need to be protected from the ingress of airborne contamination to maintain the air in a clean and sterile condition.

Suitably sized air pressure relief damper strategically placed, enable differential room pressures to be maintained and ensure that when doors are opened between clean and dirty areas there is sufficient air flow through the open door to prevent cross contamination.

Description

WTK is using the counter-weight balancing system provide a number of features and benefits to consultants, contractors and users unmatched by any other design. It could be adjusted to suit minor variation in terms of pressure differential or air flow in the theatre.

Air pressure stabilisers have the unique capability of controlling differential pressure to close tolerances. They remain closed at pressures below the set pressure and are fully open at pressures only fractionally above the threshold pressure.

All the dampers has been factory set and tested to match the actual operating conditions. It is easy to use, install and maintenance free product along with highest quality finish.

TECHNICAL SPECIFICATION:

Designation:	Pressure Relief Stabilizer
Dimensions	Varies
Material:	Stainless Steel blade with stainless body or epoxy powder coated steel body with adjustable counter balance
Adjustment:	Counter weight design with Stainless Steel housing and adjustable brass counter Weight for precision control
Air Movement:	Through openings on pressure relief dampers

Model Number:

WT16001/2/3/4/5	Blade Lg. 300mm, 1, 2, 3, 4, 5 blade
WT16006/7/8/9/10	Blade Lg. 330mm, 1, 2, 3, 4, 5 blade
WT16011/12/13/14/15	Blade Lg. 380mm, 1, 2, 3, 4, 5 blade
WT16016/17/18/19/20	Blade Lg. 430mm, 1, 2, 3, 4, 5 blade
WT16021/22/23/24/25	Blade Lg. 470mm, 1, 2, 3, 4, 5 blade
WT16026/27/28/29/30	Blade Lg. 520mm, 1, 2, 3, 4, 5 blade
WT16031/32/33/34/35	Blade Lg. 550mm, 1, 2, 3, 4, 5 blade



*** Pressure Relief Damper in Modern Operation Theatre**

TÜV Rheinland certified company for
 ISO 13485 & CE0197 Marking

