

# BALANCING DAMPER

*Halton UTP for balancing*

Halton UTP dampers are used to balance airflow rates in high pressure ductwork. Dampers meet international standards for rectangular and round ducts. In the open position, the blades face the direction of flow and do not cause a significant pressure loss.

The UTP is used as a balancing damper in applications where reliability is important. The UTP damper leakage class is 1 according to the prEN1751 standard.

## Features

- Outer frame of galvanized, painted or stainless steel. Blades of galvanized or stainless steel with double sheet construction. Maintenance-free stainless steel bearings and shafts. Bronze bearings available as an option
- Leakage class of a closed damper according to prEN 1751 class 1
- For balancing of air intake and exhaust
- Automatic electrical, pneumatic or manual operation system available
- UTP dampers can be supplied with connection pieces for round duct
- Maximum operation pressure 5000 Pa and maximum velocity 15 m/s

## UTP dimensions and material thickness

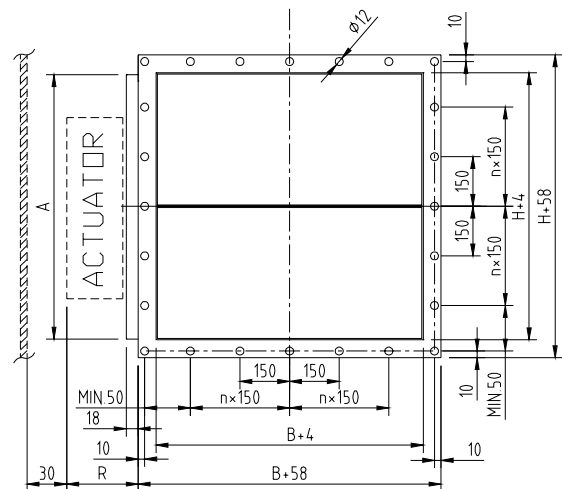
UTP balancing dampers are manufactured to international standards for both rectangular (width B 100-1200 mm and height H 100-1200 mm) and circular ducts (Ø100-1250 mm). Modular construction sizes available up to 2400x2400 mm. Special non-standard dimensions available on request. Casing thickness 3 mm.

## Actuator effect on dimensions

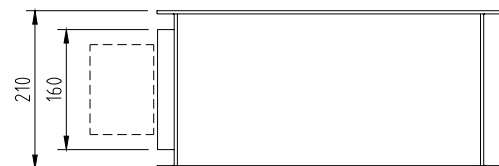
ACTUATOR		DIMENSIONS	
		R	A
Manual	Handle	95	H
Electrical	BF24 or BF230	90	H
Pneumatic PNL	Linear actuator 245/300 N	110	H <sub>≤500</sub> = 500 H <sub>&gt;500</sub> = H
Pneumatic PNR	Pneumatic rotating actuator	170	H



General UTP drawing



General UTP drawing, top



General UTP drawing, circular connections

