

NON RETURN DAMPER (GIH-NRD)

APPLICATION

The GIH - NRD is a duct mounted device that is composed of a set of horizontally mounted blades that are normally closed and are free to rotate around their horizontal axis.

The GIH - NRD can be used at the exit terminal of exhaust ducts and fans for medium & high pressure (minimum 100 Pa, maximum 1500 Pa.)



Certain pressure is usually required before the damper opens to expel the exhaust air, which ensures the elimination of back flow.

MATERIAL SPECIFICATIONS

Casing

0.9 - 1.8mm thickness Galvanized sheet

Blades

Blades are made of 1.6mm thick aluminum extruded

Blade Seal

Vinyl or Foam Gasket

Bushes

Bronze bushes size 8mm ø

Spindle

Spindles are made of 7x7mm square Galvanized steel

Operating Temperature

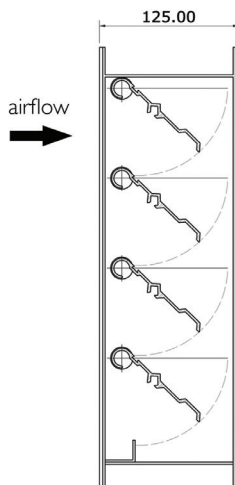
-10°C to 110°C as standard

DIMENSIONS OF DAMPERS

Minimum size of 150mm (width) x 150mm (height) and maximum size of 1000mm x 1000mm for single section and 2000mm x 2000mm for multisection.

Standard size of the flange is 30mm.

Standard length is 125mm.



*Material Specifications subject to change as per customer's demand.

NON RETURN DAMPER (GIL-NRD)

APPLICATION

The GIL - NRD is a duct mounted device that is composed of a set of horizontally mounted blades that are normally closed and are free to rotate around their horizontal axis.

The GIL - NRD can be used at the exit terminal of exhaust ducts and fans for low & medium pressure (minimum 25 Pa, maximum 500 Pa.)



Certain pressure is usually required before the damper opens to expel the exhaust air, which ensures the elimination of back flow.

MATERIAL SPECIFICATIONS

Casing

0.9 - 1.8mm thickness Galvanized sheet

Blades

Blades are made of 1.0mm thick aluminum extruded

Blade Seal

Foam Gasket

Bushes

Brass bushes size 8mm ø

Spindle

Spindles are made of 8mm Aluminium

Operating Temperature

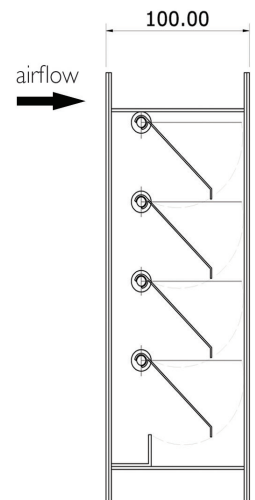
-10°C to 110°C as standard

DIMENSIONS OF DAMPERS

Minimum size of 100mm (width) x 100mm (height) and maximum size of 1000mm x 1000mm for single section and 2000mm x 2000mm for multisection.

Standard size of the flange is 30mm.

Standard length is 100mm.



*Material Specifications subject to change as per customer's demand.