



AIR DISTRIBUTION SPECIALIST



NON-RETURN DAMPERS



GI NON-RETURN DAMPER



Application

The GI - 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 GI - NRD can be used at the exit terminal of exhaust ducts and fans.

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

Material Specifications

Casing
1.2mm thickness (18 gauge) GI sheet

Blades
Blades are made of 1.1mm thick aluminum extruded

Bushes
Brass bushes 8mm with drive

Spindle
Spindles are made of 8mm Galvanized steel pipe

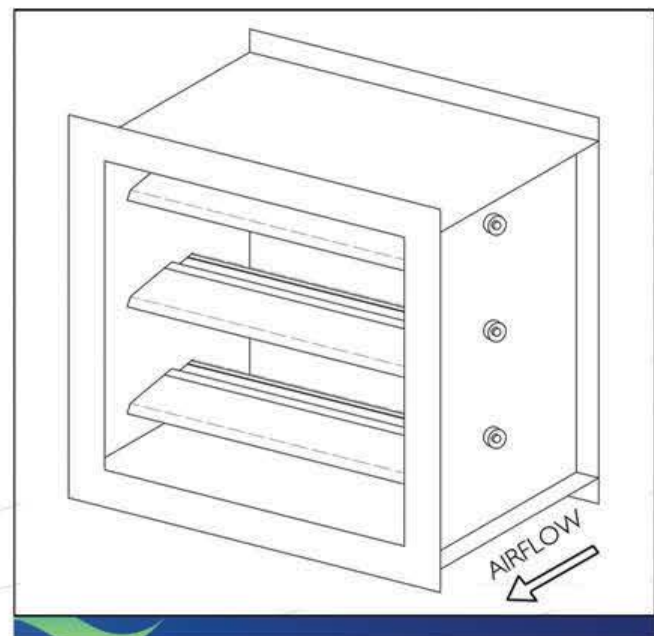
Operating Temperature
-10°C to 110°C as standard

Dimensions of Dampers

Minimum size of 100mm (width) x 100mm (height) and maximum size of 2000mm (width) x 2000mm (height)

Standard thickness of the flange is 20mm

Standard length is 120mm



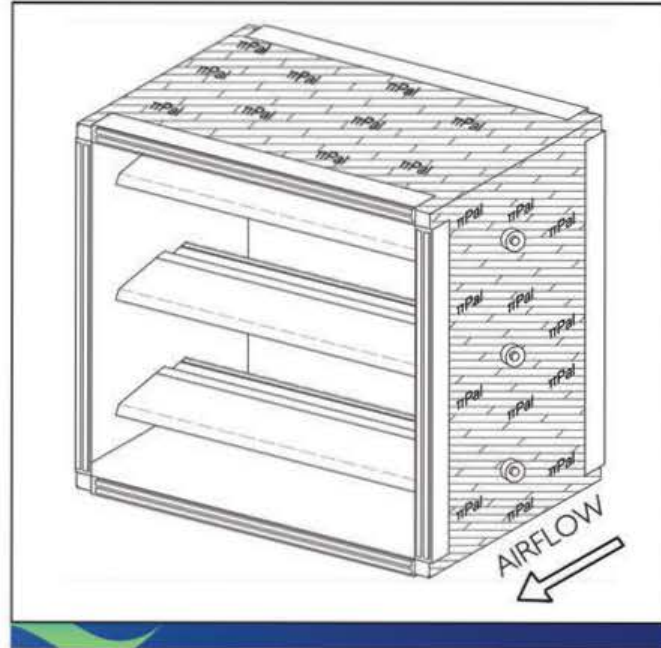
PRE-INSULATED NON-RETURN DAMPER

Application

The PA - 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 PA - NRD can be used at the exit terminal of exhaust ducts and fans.

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



Dimensions of Dampers

Minimum size of 100mm (width) x 100mm (height) and maximum size of 2000mm (width) x 2000mm (height)

Standard thickness of the flange is 20mm

Standard length is 170mm

Material Specifications

Casing

Pal Sandwich Panel 20mm/30mm thickness 80/80 micron/ 80/200 micron

Blades

Blades are made of 1.1mm thick aluminum extruded

Bushes

Brass bushes 8mm with drive

Spindle

Spindles are made of 8mm Galvanized steel pipe

Operating Temperature

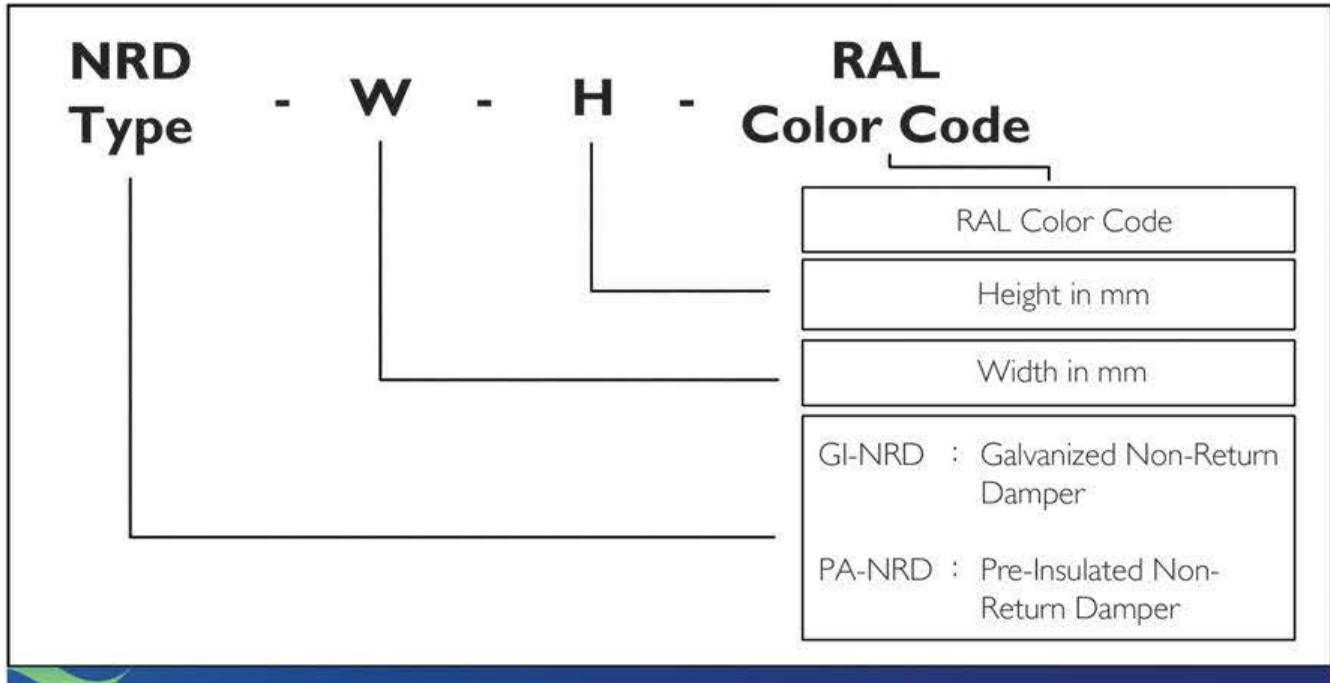
-10°C to 110°C as standard



PA - NRD



ORDERING SYSTEM



ORDERING EXAMPLE

GI-NRD - 400 x 300 - 9010

Refers to Galvanized Non-Return Damper, 400mm Width x 300mm Height, powder coated to RAL 9010.

