NON RETURN DAMPER

GENERAL

Non-return dampers prevent unwanted airflows against the intended airflow direction when the system is not in operation



- Non return/pressure relief dampers are designed for use in intake and discharge opening in commercial and residential air conditioning systems.
- When the ventilation system is on, the blades of the non-return damper are held in the open position by the airflow.
- If the system is switched off, the damper blades close automatically, thus preventing reverse airflow and giving protection against the ingress of untampered air, rain and birds into the air conditioning system.
- Non return damper designed to be duct mounted & wall mounted.

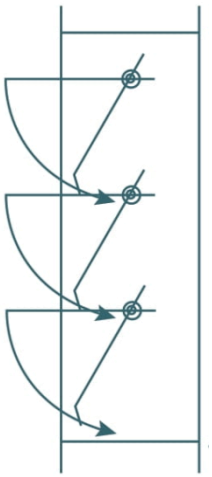


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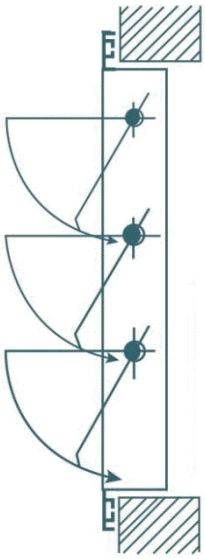
NON RETURN DAMPER

FEATURES

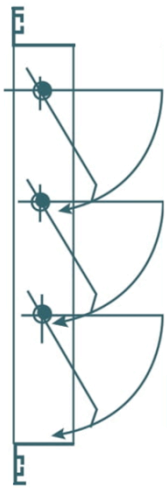
- Smooth and maintenance free blade operation
- Frame is manufactured from high quality aluminum / Galvanized sheet steel of 18 gauge thickness.
- Blades are made of aluminum sheet, extruded aluminum or galvanized sheet
- Blades are fitted with nylon bushes for rattle free and smooth operation.
- Blades are sealed with foam / rubber gasket at the bottom to avoid rattling noise and provide air tight operation.
- Frame is fitted with aluminum strip to prevent the over movement of the blades.
- Additional center partition shall be provided if height or Length is more than 900 MM.
- Spindle is made of 8 mm diameter aluminum pipe



Duct mounted



External Wall mounted



Internal Wall mounted

NON RETURN DAMPER

STANDARD SIZE
Any combination of W X H available

W mm	H mm
150	150
200	200
300	300
400	400
500	500
600	600
700	700
800	800
900	900
1000	1000

MODELS

Types	models	Remarks
NRD	I	Internal Wall Mounted
	E	External Wall Mounted
	D	Duct mounted Flush Mounted
	CR	Circular NRD

Available finishes:

- Natural anodized Aluminium
- Powder coated color finish.
- Mill finish Aluminium Galvanized sheet steel frame for duct mounted type

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