



شركة مصنع عالم الناصريه المحدودة

AL NASSERIAH WORLD FACTORY COMPANY LTD

VOLUME CONTROL DAMPERS



ANA Volume Control Dampers :

Designed for efficient air control and balancing within HVAC, basically manufactured from a body and tightly attached blades, hand controlled or actuated blades operation.



ANA VCD Construction

Body :

Constructed from Galvanized Steel **G90** with a thickness of (**gauge 16**), With Openings for the bushings, stopper (landing angle) and a side linkage for efficient blades control.

Blades :

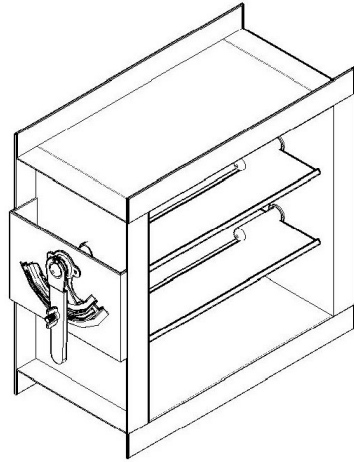
Constructed from Galvanized Steel **G90**, attached with a shaft and connected to the body with plastic bushings for smoother operation, different linkage for each operation type and either hand operated (zinc plated steel) or actuated (motorized).

Finish :

Mill galvanized steel **G90**.

ANA Volume Control Damper Flanged Type

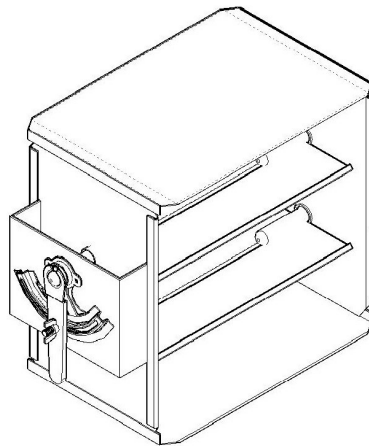
Model : NVCDF-X



- Body and Blades are made of Galvanized steel grade **90** with a (**gauge 16**) thickness (Frame : **6" x 1" x 16Gauge**) .
- Parallel and Opposed Blade actions are available and special linkages used for smooth operation.
- Zinc plated Hand quadrant and Motorized (24V or 220V) blade operation are available.
- **3-V** shaped blades for full closer and reducing leakage with a stopper (landing angle) to maintain a **90°** operation angle.

ANA Volume Control Damper C&S Type

Model : NVCDC-X



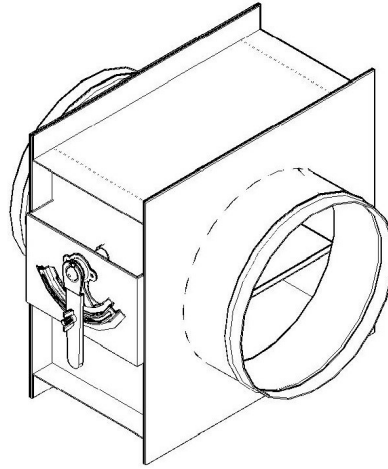
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*X - Parallel Blades (P) or Opposed Blades (O)

VOLUME CONTROL DAMPERS

ANA Volume Control Damper Circular Spigot Transmission

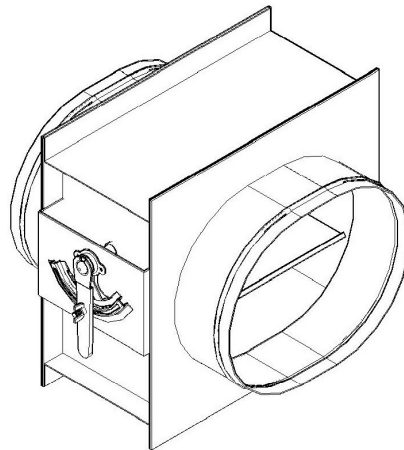
Model : NVCDs-X



- Body and Blades are made of Galvanized steel grade **90** with a (**gauge 16**) thickness (Frame : **6" x 1" x 16Gauge**) .
- Parallel and Opposed Blade actions are available and special linkages used for smooth operation.
- Zinc plated Hand quadrant and Motorized (24V or 220V) blade operation are available.
- **3-V** shaped blades for full closer and reducing leakage with a stopper (landing angle) to maintain a **90°** operation angle.

ANA Volume Control Damper Oval Spigot Transmission

Model : NVCD0-X

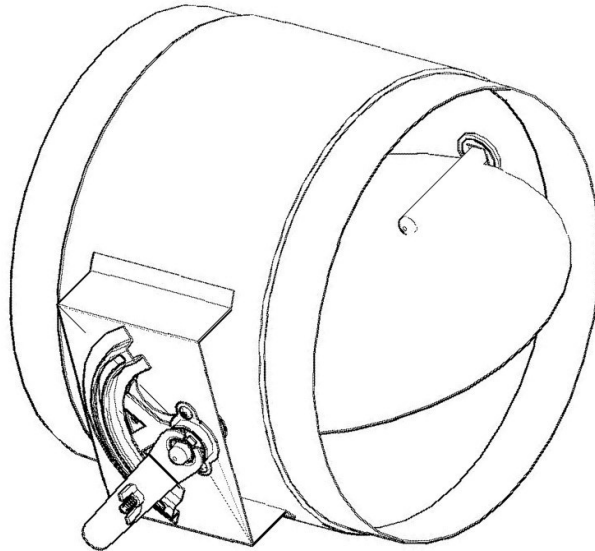


- Body and Blades are made of Galvanized steel grade **90** with a (**gauge 16**) thickness .
- Parallel and Opposed Blade actions are available and special linkages used for smooth operation.
- Zinc plated Hand quadrant and Motorized (24V or 220V) blade operation are available.
- **3-V** shaped blades for full closer and reducing leakage with a stopper (landing angle) to maintain a **90°** operation angle.

*X - Parallel Blades (P) or Opposed Blades (O)

ANA Round Volume Control Damper

Model : NVCDR

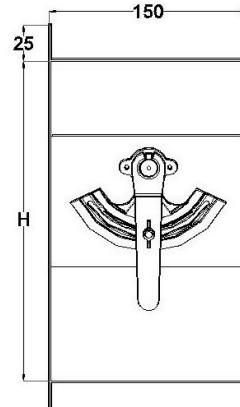
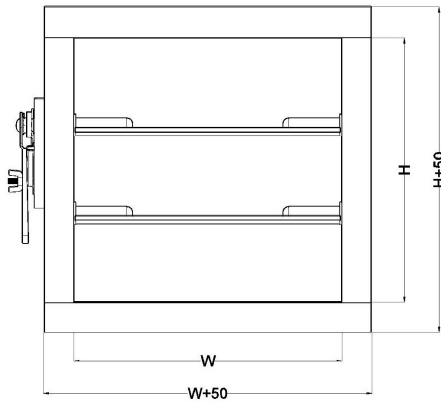


- Body and blade is made of galvanized steel grade **90** with a **(20 gauge)** thickness of the blade and **(20 gauge)** thickness of the body .
- Single round blade Hand quadrant operated or Motorized operation **(24V or 220V)** fixed in the body with **(13 mm)** diameter plastic bushings.

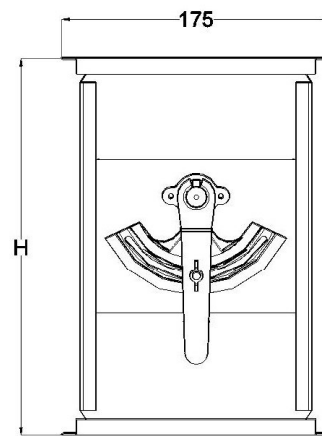
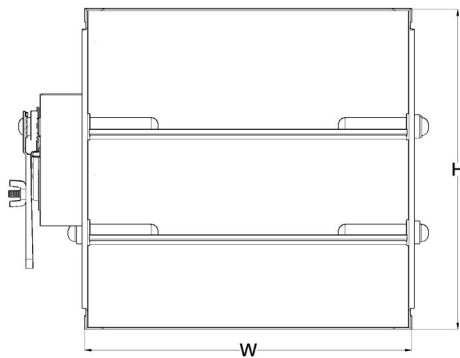
VOLUME CONTROL DAMPERS

ANA Volume Control Damper Dimensions

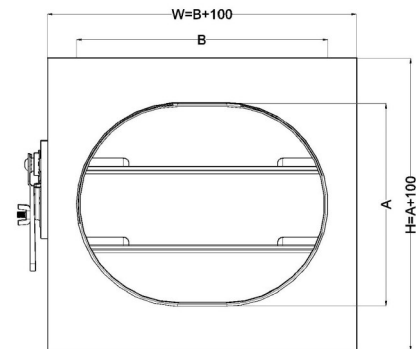
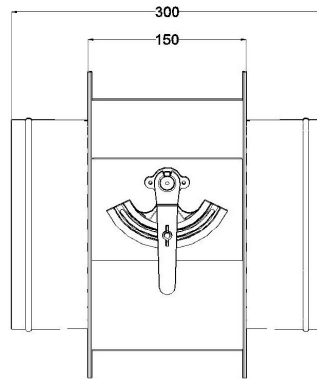
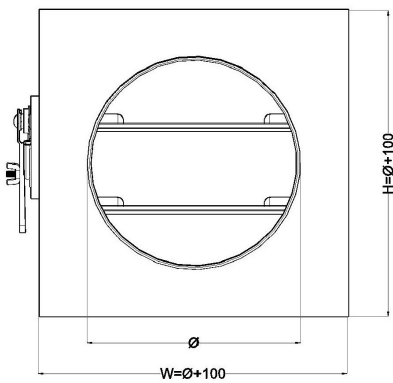
FLANGE TYPE



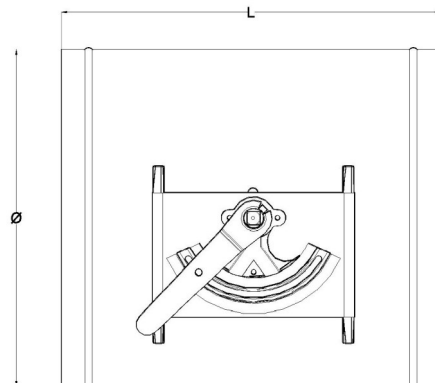
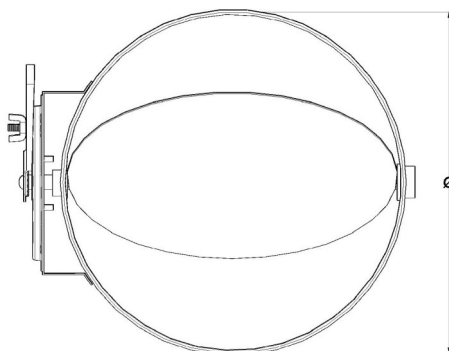
C&S TYPE



CIRCULAR & OVAL SPIGOT TYPE



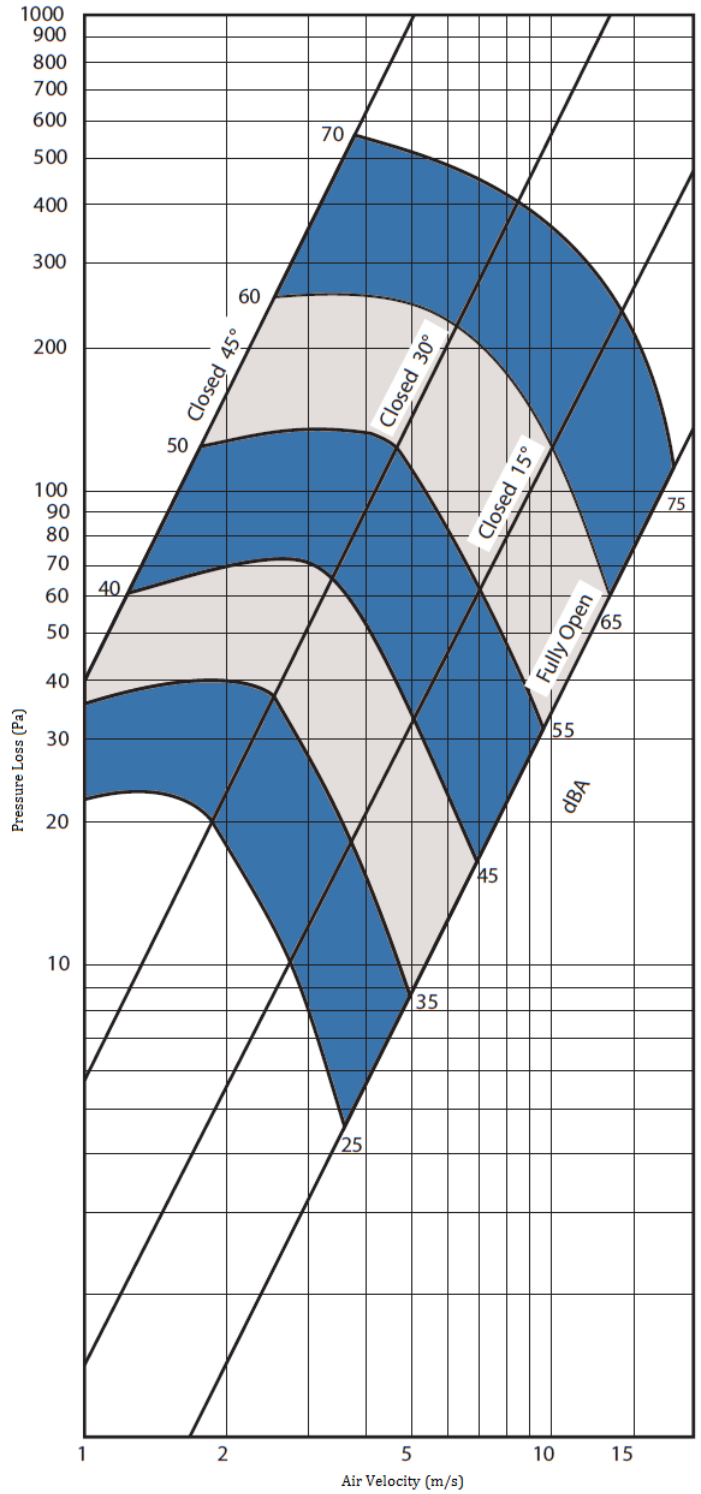
ROUND TYPE



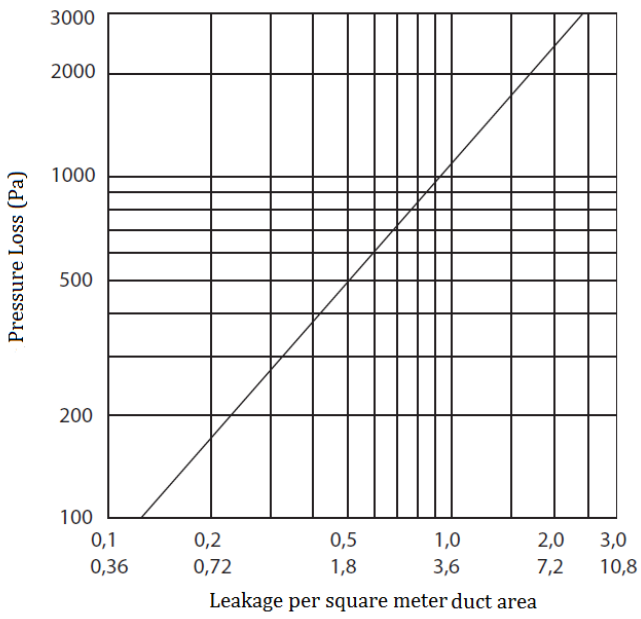
VOLUME CONTROL DAMPERS

ANA Volume Control Damper Performance Data

Pressure Loss Chart



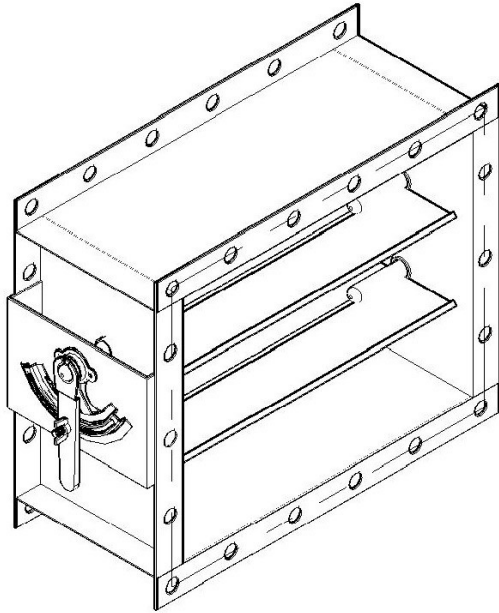
Leakage Chart



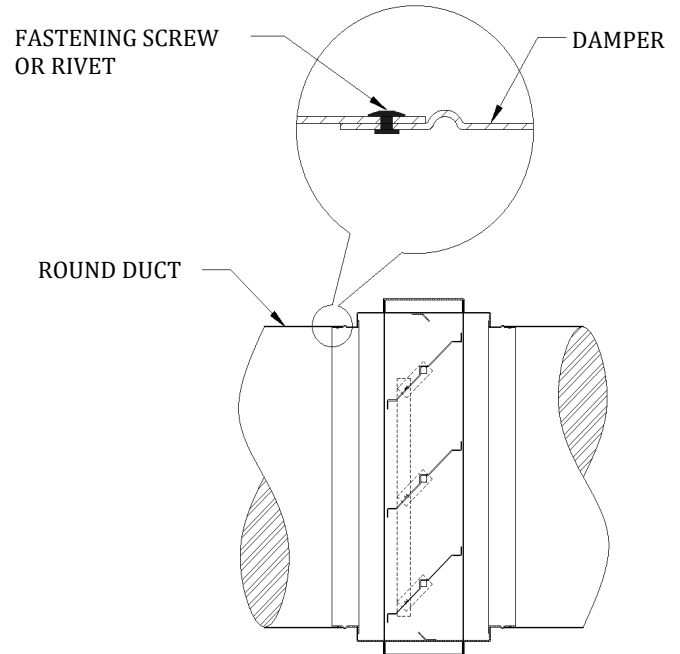
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ANA Volume Control Damper Installation

FLANGE DRILLING



CIRCULAR and OVAL



ROUND

