

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 :

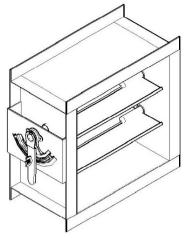
Constructed from Galvanized Steel **G90**, attached with a shaft and connected to the body with plastic bushings for smoother operation, different linkage for each operation type and either hand operated (zinc plated steel) or actuated (motorized).

Finish :

Mill galvanized steel G90.



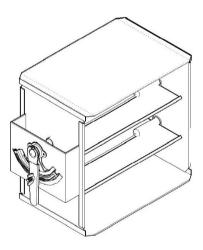
ANA Volume Control Damper Flanged Type Model : NVCDF-X



- 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

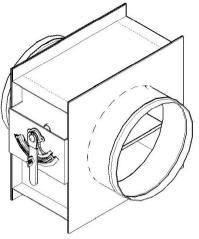


- Body and Blades are made of Galvanized steel grade **90** with a **(gauge 16)** thickness (Frame : **6" x 16Gauge**).
- Parallel and Opposed Blade actions are available and special linkages used for smooth operation.
- Zinc plated Hand quadrant and Motorized (24V or 220V) blade operation are available.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

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

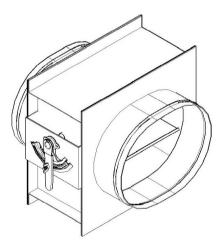


ANA Volume Control Damper Circular Spigot Transmission Model : NVCDS-X



- 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 : NVCDO-X

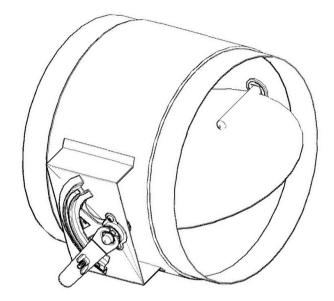


- Body and Blades are made of Galvanized steel grade 90 with a (gauge 16) thickness.
- Parallel and Opposed Blade actions are available and special linkages used for smooth operation.
- Zinc plated Hand quadrant and Motorized (24V or 220V) blade operation are available.
- **3-V** shaped blades for full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

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



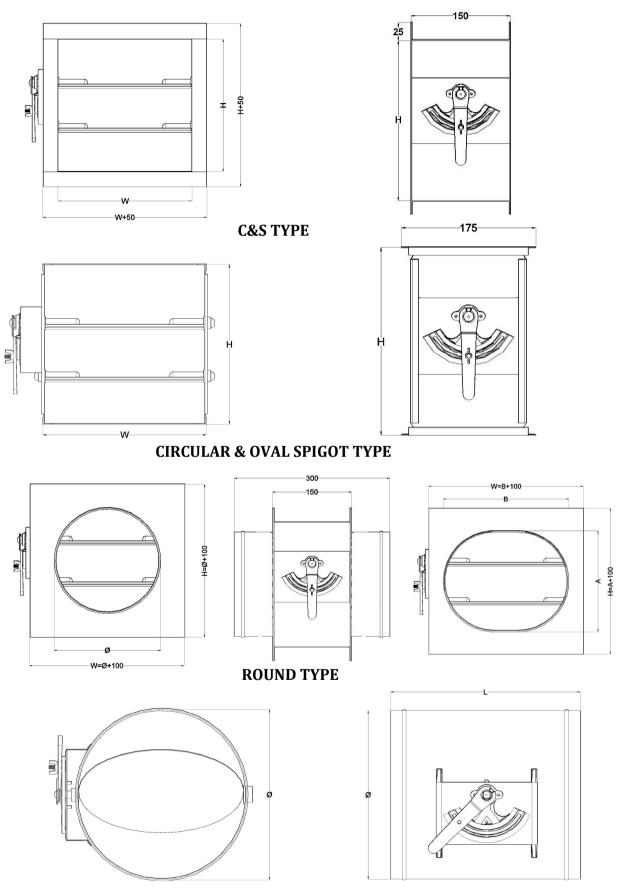
ANA Round Volume Control Damper Model : NVCDR



- 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.



ANA Volume Control Damper Dimensions FLANGE TYPE

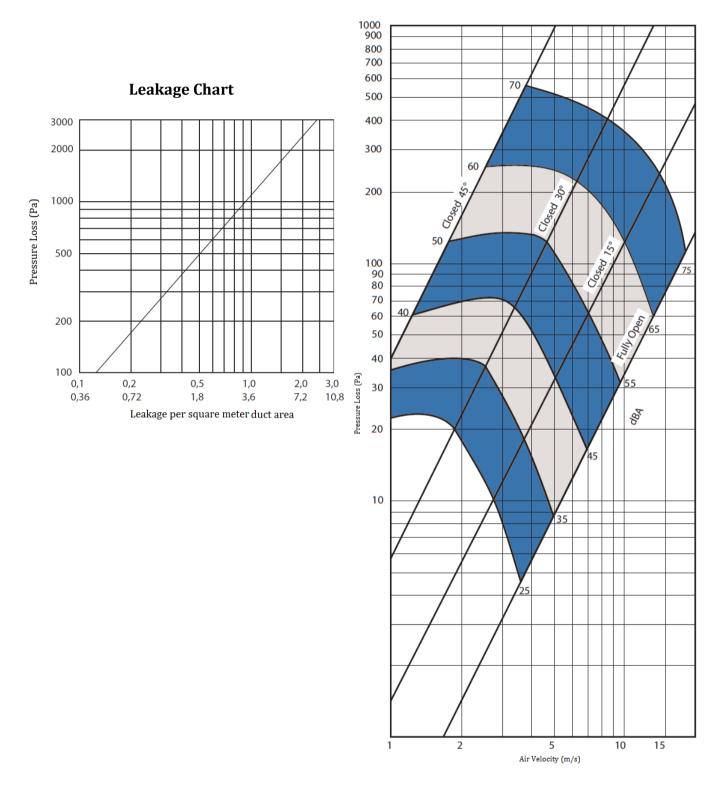


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ANA Volume Control Damper Performance Data



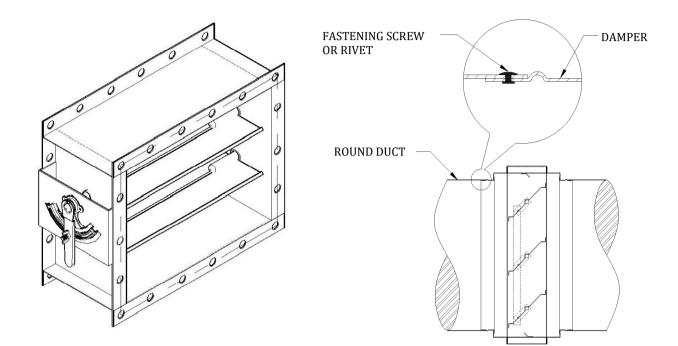
Pressure Loss Chart

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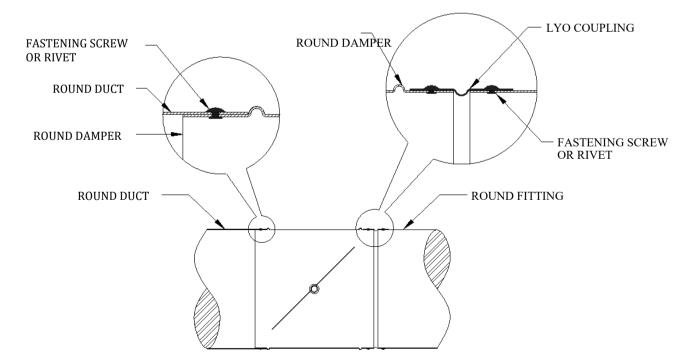
ANA Volume Control Damper Installation

FLANGE DRILLING

CIRCULAR and OVAL



ROUND



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NOTES:
