

IRIS & IRIS-S DAMPERS

IRIS DAMPER SPECIFICATION GUIDE

1.0 GENERAL

- A. Iris dampers shall be model IRIS, as manufactured by Continental Fan Manufacturing Inc., of Buffalo, NY, and of the size and capacity as indicated on the drawings and damper schedule.

2.0 DAMPER CONSTRUCTION

- A. Iris dampers shall be manufactured of hot dipped galvanized 22 gage steel.
- B. Duct connections shall be gasketed and beaded to provide for a sealed duct connection.
- C. Airflow measurement taps shall be provided with airflow adjustment charts located on the damper for convenient airflow measurement and control. Damper shall be capable of controlling airflow to +/- 5% of design flow in a straight duct.
- D. Damper position shall be set with the factory supplied spanner wrench, with no zero calibration required. Dampers requiring zero calibration are not acceptable.
- E. Casing leakage to the environment shall not exceed 6 cfm.

IRIS-S STAINLESS STEEL DAMPER SPECIFICATION GUIDE

1.0 GENERAL

- A. Iris dampers shall be model IRIS-S, as manufactured by Continental Fan Manufacturing Inc., of Buffalo, NY, and of the size and capacity as indicated on the drawings and damper schedule.

2.0 DAMPER CONSTRUCTION

- A. Iris dampers shall be manufactured of 316 acid proof stainless steel.
- B. Duct connections shall be gasketed and beaded to provide for a sealed duct connection.
- C. Airflow measurement taps shall be provided with airflow adjustment charts located on the damper for convenient airflow measurement and control. Damper shall be capable of controlling airflow to +/- 5% of design flow in a straight duct.
- D. Damper position shall be set with the factory supplied spanner wrench, with no zero calibration required. Dampers requiring zero calibration are not acceptable.
- E. Casing leakage to the environment shall not exceed 6 cfm.