

## RA-SIFDD Specification

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**MODEL:** RA-SIFDD

**DESCRIPTION:** Fan shall be of the "Square in-line" type with a square inlet and outlet. Fan shall be designed for floor mount or hung installations in-line with ducting, and have a direct driven centrifugal or mixed flow wheel. Fan shall be a corrosion resistant steel, direct driven, square inline blower.

**APPLICATION:** Square In-Line Duct Blowers are suitable for various applications. Mounted indoors with both inlet and outlet ducts to supply or exhaust air. Square In-Line Duct Blowers are engineered to discharge air, fumes and other contaminants horizontally or vertically (UL705 only) in a duct.

**CERTIFICATIONS:** Square In-line Duct Blower(s) shall be licensed to bear the AMCA Certified Ratings Seal for Air and Sound Performance (210-07 & 300-08) and be ETL Listed to UL705 and/or UL762 Standards.

**CONSTRUCTION:** Square In-line Duct Blower(s) shall be constructed of galvanized and/or stainless steel. A removable cover shall provide blower motor access, and drive access shall be provided on both sides through removable panels. Blowers shall be direct driven; centrifugal or mixed flow backward inclined.

### Housing

The blower shell shall be constructed of heavy-gauge galvanized steel or stainless steel for UL762 listed fans. Side panels shall be removable for service access.

### Wheel

Backward inclined non-overloading, all-aluminum wheel. Balanced in accordance with AMCA standard 204-96, *Balance Quality and Vibration Levels for Fans*.

### Motor & Motor Compartment

Motor shall have permanently lubricated ball bearings and be of voltage, phase, and enclosure as specified. A motor cover shall be supplied as standard.

**Product:** Fan shall be model RA-SIFDD as manufactured by RUPP Air Systems