

DDAR-RA Specification

TYPICAL SPECIFICATIONS

Model: DDAR-RA

Description: Fan shall be a spun aluminum, roof or wall mounted, direct drive, downblast, axial exhaust ventilator.

Certifications: Fan shall be ETL Listed and comply with UL705 (electrical) Standards and CSA Std C22.2, No 113. Fan shall bear the AMCA certified ratings seal for air performance.

Construction:

Housing

The fan housing shall be constructed of heavy gauge aluminum and shall be spun on an automatic lathe to provide consistent dimensions. Heavy gauge aluminum braces shall provide a sturdy support for the motor. The discharge cap shall have a rolled bead for added strength.

Base

The base shall be constructed of galvanized steel. Base corners shall be welded to provide strength and to prevent leakage into the building.

Propeller

The propeller shall be a high efficiency type fabricated design. Blades are to die formed and securely fastened to a heavy gauge steel hub. Propeller shall be securely fastened to the fan shaft with set screws. The propeller shall be balanced in accordance with AMCA standard 204-96, *Balance Quality and Vibration Levels for Fans*.

Motor & Motor Compartment

Motors shall be permanently lubricated and rated for continuous duty. An integral electrical conduit running from the fan base to the motor area is provided for ease of installation.

Product: Fan shall be model DDAR-RA as manufactured by RUPP Air Systems.