

DF2 and DF4 DIFFUSER

STANDARD CONSTRUCTION

FRAME

DF4 - 14 gauge (2.0) galvanized steel, 5" x 2" (127 x 51).

DF2 - 14 gauge (2.0) galvanized steel, 3" x 2" (76 x 51).

BLADES

20 gauge (1.0) galvanized steel 3"(76) wide with "V" groove stiffener full length of blade. Each blade individually adjustable.

AXLES

5/16" (8) dia. plated steel welded to frame.

MINIMUM SIZE

6"w x 6"h (152 x 152).

MAXIMUM SIZE

48"w x 48"h (1219 x 1219) single section size. Unlimited multi-section assemblies.

TEMPERATURE LIMITS

-40°F (-40°C) minimum and +240°F (+116°C).

MAXIMUM VELOCITY

2000 FPM.

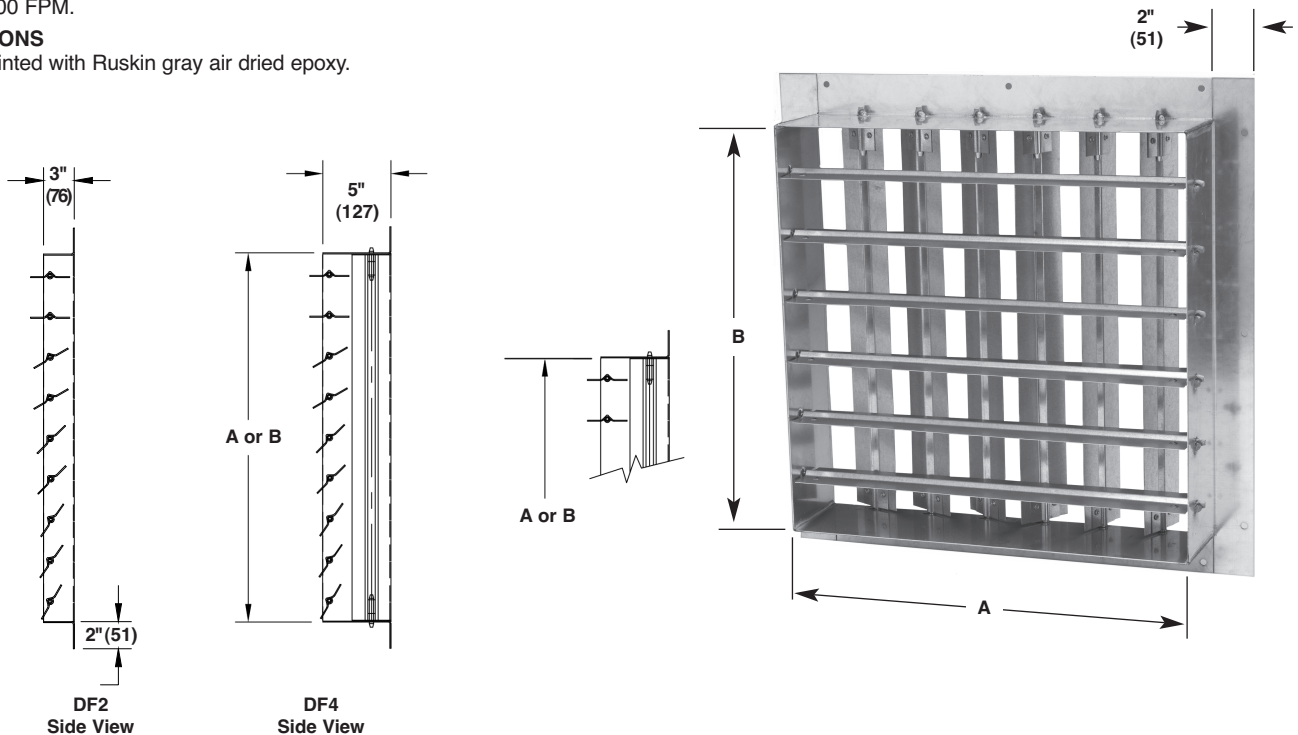
OPTIONS

Painted with Ruskin gray air dried epoxy.

The four and two way diffuser is designed for air dispersion. Blades can be individually positioned to achieve the best possible airflow. Each blade is held in place by a separate tensioning device. With the four way diffuser (DF4) the air can be directed in almost any direction.

SUGGESTED SPECIFICATION

Furnish and install, at locations shown on plans or in accordance with schedules, diffuser that meets the following minimum construction standards: Frame shall be 14 gauge (2) galvanized steel 5" x 2" (127 x 51) or 3" x 2" (76 x 51). The blades shall be single skin 20 gauge (1) galvanized steel with one longitudinal groove for reinforcement. Axles shall be 5/16" dia. (8) plated steel welded to frame positively locked to blades. Submittal must include maximum velocity data based on AMCA publication 500. Diffuser shall be in all respects equivalent to Ruskin model DF4 or DF2.



Dimensions shown in parentheses () indicate millimeters.

*Axles extend out 1" beyond "A" ordering dimension on DF2 model and 1" beyond "A" and "B" ordering dimension on DF4 models.