

A-2-100 Snapvent Cockpit Ventilator

Size: 2" (50mm) Cutout

⚠ CRITICAL SAFETY & OPERATIONAL NOTICES

- **Installation Temperature:** Ambient/material temperature must be at least **70°F (21°C)**.
- **Airspeed Limit:** **NOT** intended or approved for aircraft speeds above **120 knots**.
- **FAA Status:** Component is **NOT** an FAA-PMA approved part.

1. Tools & Materials Required

TOOL / EQUIPMENT	SPECIFICATION	NOTES
Hole Saw	2" (50mm) Metal Cutting	6 teeth per inch (TPI) or finer required
Drill	Variable Speed Drill	Operate at slow speed: 300 – 400 RPM
Deburring Tool	File, Sandpaper, or Scraper	To thoroughly smooth hole edges

2. Step-by-Step Installation Procedure

STEP 1 Cut Opening

Using a 2" metal cutting hole saw (6 TPI or finer) set to **300–400 RPM**, cut **halfway through** from one side of the panel. Move to the opposite side and complete the cut from the back to ensure a clean opening.

STEP 2 Clean & Deburr Edges

Remove all sharp edges, burrs, and flash from both sides of the hole using a fine file, abrasive paper, or scraper.

STEP 3 Fit Ventilator

Insert and snap the Snapvent unit into the prepared 2" diameter hole **from the inside** of the cabin/cockpit.

3. Operating Instructions

SEASON	SCOOP POSITION	FUNCTION
SUMMER	Rotated Forward (facing airstream)	Fresh air intake into cabin.
SUMMER	Rotated Backward (facing aft)	Cabin air exhaust (vacuum draw).
WINTER	Rotated Downward	OFF Position: Seals out draft/air.

Manufacturer:

Address:

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Patent:

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