



VENTILATION LOUVER

Installation Instructions/Operation and Maintenance Manual



Models:
All Models

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Contact Information

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IMPORTANT! Read entire Instruction and Operations Manual to become familiar with the product.

NOTICE This product is a commercial product. The effectiveness of the product is directly related to the proper installation and operation of this product. Failure to properly maintain this product **will** affect performance.

Publication Notice

This manual has been compiled and published covering the latest product descriptions and specifications.

The contents of this manual and the specifications of this product are subject to change without notice.

PS Access Solutions reserves the right to make changes without notice in the specifications and materials contained herein and shall not be responsible for any damages (including consequential) caused by reliance on the materials presented, including but not limited to typographical and other errors relating to the publication.

PS Access Solutions and/or its respective suppliers may make improvements and/or changes in the product(s)/ service(s) offered and/or the program(s) at any time without notice.

Retain this manual for future reference.
If you would like to download a copy of this manual, please go to
psaccesssolutions.com



Safety Precautions

The following icons are used throughout this Manual.

- ▲ DANGER** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
- ▲ WARNING** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
- ▲ CAUTION** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderated injury.
- NOTICE** Indicates manufacturer's statement of additional information.
- IMPORTANT!** Indicates a required action.
- CRITICAL** Indicates a vital component to product performance.

Ventilation Louver Product Information

NOTICE Unauthorized modification of or to the Product voids this Limited Warranty. Authorized modifications, received in writing from PS INDUSTRIES INCORPORATED, as long as the modification is accomplished in strict accordance with PS INDUSTRIES INCORPORATED's instructions, does not void warranty. To request product modifications contact PS INDUSTRIES INCORPORATED, 1150 S. 48th Street, Grand Forks, ND 58201, phone 877-446-1519, email: 4psinfo@psindustries.com

I. General Information

- A. This manual contains information regarding installation, operation, and maintenance of the PS Access Solutions' Ventilation Louver.
- B. PS Access Solutions recommends that the owner implement a regular maintenance program to inspect Ventilation Louver as necessary.
- C. Operation in a manner other than intended could result in damage or less than acceptable performance at time of need, for which the manufacturer will not be held responsible

II. Storage Prior to Installation of Product

- A. Store materials in a dry, ventilated location. If outdoor storage is required, block materials and tarp in a tent-like arrangement, elevated above the product with open sides to allow airflow.

III. Installation Site Preparation

NOTICE Before starting site preparation and installation of the Ventilation Louver, read the entire Operation and Maintenance Manual and review all installation instructions thoroughly.

- A. Clear work area of any debris.
- B. Ensure you have the necessary tools available.

IV. Pre-Installation Safety Precautions

- A. Ensure opening is clear of all obstructions.
- B. Comply with all OSHA Safety Regulations and/or company safety policies when installing.
- C. Personnel: Determine the appropriate number of personnel required to perform installation and have them readily available at the project site.
- D. Install only on surfaces capable of supporting all loading.
- E. Keep hands and limbs away from pinch points at all times.

▲ DANGER Ensure mounting surface is capable of supporting all loading. Structural analysis of mounting surface is the responsibility of the owner.

V. Installation

NOTICE Only use Approved for Construction Drawings.

- A. Conduct installation of the Ventilation Louver in accordance with Approved for Construction Drawings.

Ventilation Louver Product Information

CRITICAL VERIFY INSTALLATION.

1. Ensure all bolts/nuts are tight.
2. Operate vent and louver system to ensure free movement.

VI. Operation

A. To Open Vent and Louver System.

1. Turn handle assembly clockwise until the vent is opened as desired.
2. **DO NOT EXCEED OPENING LIMITS—THIS MAY CAUSE DRIVE ARMS TO BEND AND PRODUCT TO NOT FUNCTION CORRECTLY.**
3. While opening, keep hands and limbs away from pinch points.

A. To Close Vent and Louver System.

1. Turn handle assembly counter clockwise until the vent is closed and resting on its stops.
2. **DO NOT OVER EXCEED CLOSING LIMITS—THIS MAY CAUSE DRIVE ARMS TO BEND AND PRODUCT TO NOT FUNCTION CORRECTLY.**
3. While closing, keep hands and limbs away from pinch points.

VII. Inspection and Maintenance (Minimum Annually)

A. Panel, Frame, and Embedded items:

1. Inspect items for damage, rusting, and misalignment. Adjust, repair, or replace as needed, to meet original design tolerances.
2. Check all connections, making sure they meet original design standards (refer to Approved for Construction Drawings and Anchor Specifications).

B. Fasteners and mechanical connections:

1. All fasteners must be in place and adjusted to their original design standards. Replace any damaged components (refer to Approved for Construction Drawings and Anchor Specifications).

C. Caulk and Sealants:

1. Inspect all sealants used on frame and connections to ensure their effectiveness.
2. Replace any cracked, loose, or otherwise non-performing sealants.
3. Use only factory approved/supplied products.

D. Weatherseals:

1. Inspect all weatherseals for damage, continuous adhesion to the attached surface, and proper positioning and compression.
2. Visually inspect all weatherseals for proper positioning and compression.
3. Replace or repair if damage or deterioration to weatherseals has occurred.
4. Use only factory approved materials.

E. Pivots, Drive Arms:

1. Inspect items for damage and misalignment, lube if necessary.

F. Chain and Sprocket System, Bearings/Bearing Holders:

1. Inspect items for damage and misalignment, lube if necessary.
2. Ensure items are functioning properly. Adjust, repair or replace any damaged components.

G. Gearbox, Lube Level:

1. Inspect in accordance with Textron Cone Drive Manual.
2. If additional fluid is needed, refer to Textron Cone Drive Oil Capabilities.

H. Finishes:

1. Inspect and clean finishes annually.
2. Touch-up repair finishes, or refinish as necessary to protect the structural integrity of the Ventilation Louver.

I. Labels and Placards:

1. Inspect all labels and placards.
2. Replace any labels and placards which are unreadable/missing.

J. Housekeeping:

1. Clean surfaces of any debris and keep the area clean throughout the operating area of the louver.

Inspection and Maintenance Log

CRITICAL Periodic Inspection and Maintenance Required. Inspect at minimum annually.

Date Purchased: _____
 Product: _____
 Model Number: _____ Opening Identifier/ Number: _____
 Serial Number: _____ Location: _____

| DATE INSPECTED | INSPECTED BY <i>(Print & Sign)</i> | INSPECTION ITEMS NOTED | CORRECTIVE ACTION | CORRECTED BY <i>(Print & Sign)</i> |
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