



SCAFCO Grain Systems Company

Limited Warranty

SCAFCO Grain Systems Company (SCAFCO) warrants the following products to be free from defects in material and workmanship for the period specified in the table, beginning on the date of invoice to the original purchaser. In the event of a product defect within the warranty period, contact a SCAFCO representative for instructions on obtaining warranty service. Upon SCAFCO's verification of a defect under the SCAFCO warranty, SCAFCO will, at its sole option, repair or replace the defective product. Transportation costs in shipping the defective product to the factory or manufacturer (if required), and returning the repaired or replacement product to the original installation site shall be borne by the purchaser.

Products and equipment not listed in the table that SCAFCO acquires from or through a manufacturer, distributor, or other third-party provider and resells to purchaser will carry the original manufacturer's pass through warranty, if any.

Product	Warranty Period
Commercial, farm and hopper bottom grain storage silos	5 years
Aeration systems (including axial and centrifugal fans)	2 years
Catwalks, catwalk supports, and towers	2 years
Drying systems (including perforated planks and corrugated drying floors)	2 years
Ladder systems and roof stairways	2 years
Conveyors and elevators	1 year
SCAFCO manufactured accessories	1 year

Warranty Conditions

- The product must be purchased from SCAFCO or a SCAFCO authorized dealer, and installed by an authorized SCAFCO dealer or certified representative.
- The product must be installed and operated in accordance with SCAFCO published installation and operating instructions.
- The product must be used only with grains and/or other free flowing materials.
- Standard grain silo design follows. ***Any other loading condition must be specifically requested (at extra cost) prior to order.***

Unstiffened silo design is based on:	Stiffened commercial silo design is based on:
90 mph Exposure C wind - UBC	90 mph Exposure C wind - UBC
115 mph Exposure C wind - IBC	115 mph Exposure C wind - IBC
No seismic	Seismic zone 1 - UBC
	Seismic design category A - IBC

Standard storage silos are designed to store dry, free-flowing grain with a density up to 52lb/ft³ [832kg/m³]

- Silo Loading/Unloading Warning: All grain silos, bulk feed tanks, and hopper bottom tanks are designed to be filled and unloaded from the center of the silo or tank. Any other method of filling or unloading can result in structural damage to the bin. Any off-center discharge openings should be used for the sole purpose of silo clean-out after the center discharge has emptied the tank to the grain's natural angle of repose. Failure to limit usage of any off-center discharge opening, including the improper use of side discharge systems, could result in non-warranted structural damage to the silo.
- Roof Damage Warning: SCAFCO grain silos are designed to be filled to within 1" [25mm] of the top of the top ring at the grain's natural angle of repose. Filling beyond the top ring, so as to apply grain pressure to the underside of the roof or blockage of roof vents, may result in non-warranted structural damage to the roof. Roof damage due to excessive vacuum or internal pressure caused by fans or other air moving systems is not warranted. Adequate roof vents must be provided for all air handling and aerations systems. Roof vents must not be blocked by grain or freezing over due to operation during humid/cold weather conditions.
- Drying Floors: Grain pressure can and may cause perforated plank drying floors to deform, especially with higher eave heights. This deformation does not reflect a failure and is not warranted by the manufacturer.

Warranty Exclusions and Limitations

This warranty does not apply to:

- Products installed by anyone other than a SCAFCO authorized dealer or SCAFCO certified representative.
- Products installed with structural components other than those supplied by SCAFCO.
- Product malfunctions, damage, or failure resulting from misuse, abuse, negligence, alteration, accident, misapplication of specifications or lack of proper maintenance.
- Products used in conjunction with anything other than grains and/or other free flowing materials.

WARNING: Galvanized materials are subject to unsightly 'white rust' if moisture penetrates the wall sheet bundle. To avoid this condition, separate wall sheets so that air can dry the sheets.

WARRANTY DISCLAIMER: SCAFCO shall not be liable, whether in contract, negligence, tort, or on any other basis, for cover or for incidental, consequential, special, or exemplary damages including, but not limited to, loss of sales, profits or orders, lost or damaged products or goods, transportation costs, operational inefficiencies or downtime costs, which the purchaser may suffer, or claim to suffer as a result of a product defect.

THIS WARRANTY CONSTITUTES SCAFCO'S ENTIRE AND SOLE WARRANTY, AND SCAFCO EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO, EXPRESS AND IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, OR ANY IMPLIED WARRANTY ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING, OR USAGE OF TRADE.

This warranty may only be modified by a written statement signed by an officer of SCAFCO.

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