

MERIDIAN

AIRMAX



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Since launching our first hopper bin in 1965, Meridian has set the standard in excellence for the storage and handling industry. Meridian has continuously incorporated the latest technological innovations to meet their customers' ever-changing needs. The meticulous attention to quality and detail reflect the attitude of an enthusiastic and skilled production team, lending confidence to each Meridian customer of a superior and dependable product. Meridian's best references are the thousands of farmers and commercial customers who have experienced the quality and value of the Meridian family of products.

The Meridian AirMax™ Aeration System cools and dries grain, minimizes the risk of bugs, allows farmers to start harvesting earlier and significantly decreases the chance of spoilage in the bin.

MERIDIAN



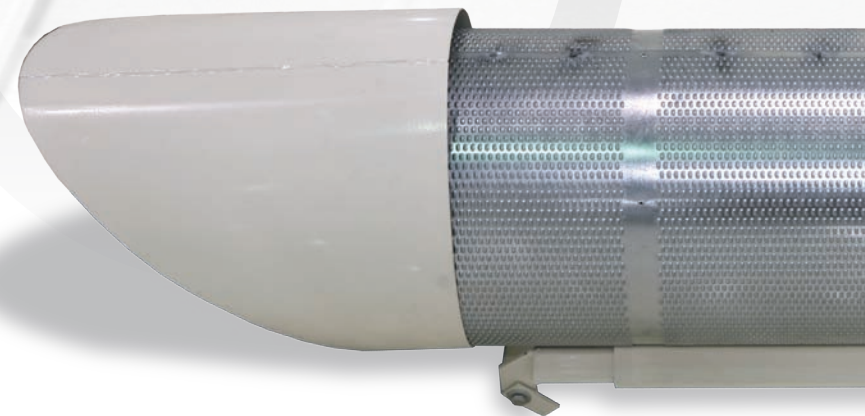


VERTICAL ONE-PIECE AERATION

- ▶ Aeration system design enables natural air grain drying as conditions permit
- ▶ Continuous screen from top to bottom
- ▶ Angle rib construction distributes point load pressures
- ▶ 24" rib spacing maximizes aeration area
- ▶ **FULL LEG SUPPORT 4' UP AERATION**
- ▶ Complete interior screen perforated to lid
- ▶ Duct clean out shroud
- ▶ Factory installed in 40 & 45 degree Meridian bins at time of manufacture
- ▶ 3 leg design

HORIZONTAL AERATION

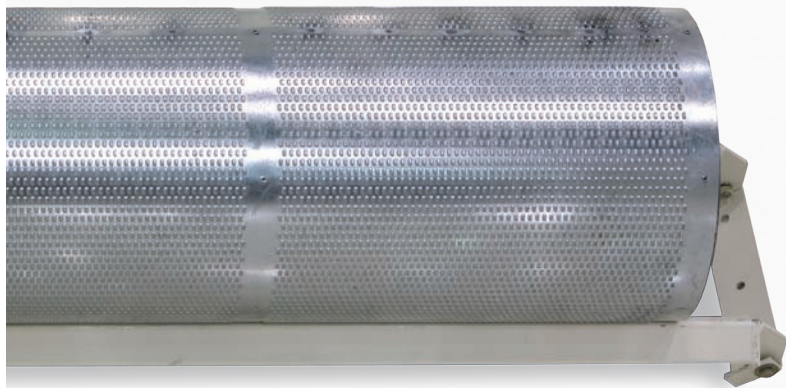
- ▶ Aeration design enables easy removal of aeration tube for cleaning or fertilizer storage
- ▶ Continuous screen from end to end
- ▶ Angle rib construction distributes point load pressures
- ▶ 24" rib spacing maximizes aeration area
- ▶ **FITS 40 & 45 DEGREE CONES**
- ▶ Bolt-in version is available for installation into existing hopper bins. Duct is removable



The **Meridian AirMax™** Aeration System cools and dries grain, minimizes the risk of bugs, allows farmers to start harvesting earlier and significantly decreases the chance of spoilage in the bin.

VERTICAL (SECTIONAL) AERATION

- ▶ Designed for installation into existing hopper bins
- ▶ Sectional pieces fit through a standard Meridian man-way for installation inside the hopper bin
- ▶ Aeration system design enables natural air grain drying as conditions permit
- ▶ Continuous screen from top to bottom
- ▶ Engineered honeycomb frame sections
- ▶ 24" rib spacing maximizes aeration area
- ▶ Full leg support 4' up aeration
- ▶ Duct clean out shroud
- ▶ **SUITABLE FOR HIGH-FLOW APPLICATIONS, EXTRA SUPPORT LEGS OPTIONAL**
- ▶ Fits 35,40,45,55 and 60 degree cones
- ▶ 4 leg design



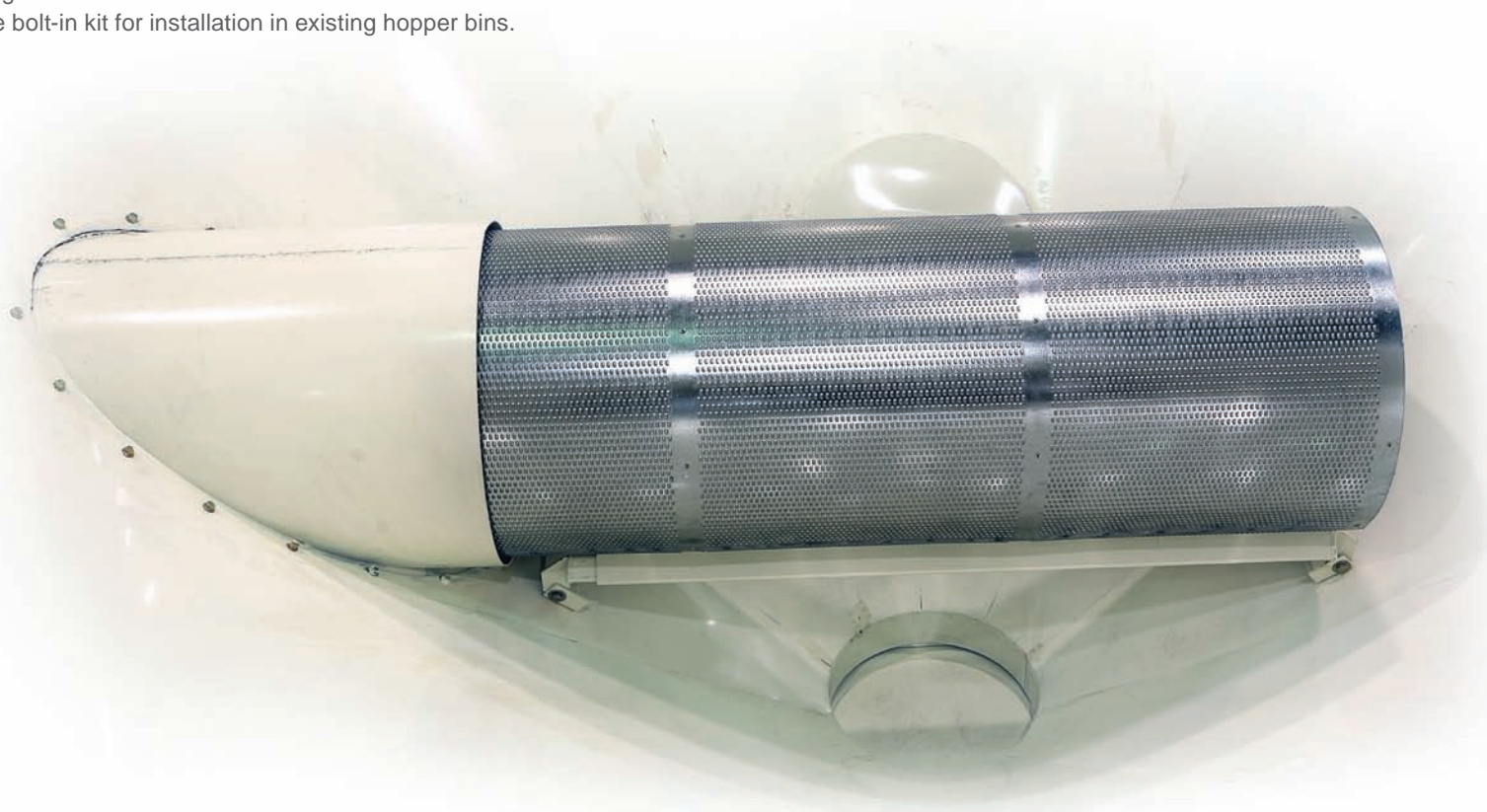
UNIQUE FEATURES

VERTICAL NATURAL AIR DRYING SYSTEM:

- Designed to easily retrofit your existing hoppers bins.
- Retro system is designed and approved for installation in steeper cones and use in high moisture grain.
- Larger screen surface area maximizes the effectiveness of your drying, cooling and aeration efforts.
- Optional extra support leg increases stability in high-flow applications.
- Full support legs ensure a durable, problem free system.

HORIZONTAL AERATION SYSTEM:

- Easily removed for quick cleaning or when storing fertilizer.
- Larger screen surface area maximizes the effectiveness for cooling and aerating grain.
- Available bolt-in kit for installation in existing hopper bins.



MODELS AND SPECIFICATIONS

MODELS	MAX BIN SIZE (BUSHEL)S ¹	RECOMMENDED HOPPER BIN SIZE ²	DIMENSIONS	DIA. I.D	WEIGHT (LBS)	SCREEN SURFACE (INCHES)	INLET SIZE AND TYPE	HEIGHT INTO GRAIN CAVITY 35° CONE ³	HEIGHT INTO GRAIN CAVITY 40° CONE ³	HEIGHT INTO GRAIN CAVITY 55° CONE ³
VERTICAL AERATION – ONE PIECE										
V3004	3500	14' & 16' bins up to 3500 bushels. Models 1615. GM3 and smaller	30" x 4'	20"	385	6299	9" x 14" Rect	n/a	86"	n/a
V3006	5000	14' & 16' bins up to 5000 bushels. Models 1625. GM5 and smaller	30" x 6'	20"	440	9656	9" x 14" Rect	n/a	110"	n/a
V3008	6000	14' & 16' bins up to 6000 bushels. Models 1630. GM6 and smaller	30" x 8'	20"	525	13132	9" x 14" Rect	n/a	134"	n/a
V4504	7000	14', 16' & 18" bins up to 7000 bushels. Models 1825. GM64 and smaller	45" x 4'	30"	580	9301	14" x 17" Rect	n/a	95"	n/a
VERTICAL AERATION – SECTIONAL (DESIGNED FOR RETROFITTING EXISTING HOPPER BINS AND HIGH-FLOW APPLICATIONS) ⁴										
VS3004	5000	All bins up to 5000 bushels	30" x 4'	20"	420	5245	9" x 14" Rect	80"	86"	99"
VS3006	8000	All bins up to 8000 bushels	30" x 6'	20"	500	7990	9" x 14" Rect	104"	110"	123"
VS4504	15000	All bins up to 15000 bushels	45" x 4'	30"	600	7925	14" x 17" Rect	88"	95"	116"
VS4506	20000	All bins up to 20000 bushels	45" x 6'	30"	745	12100	14" x 17" Rect	112"	119"	140"
HORIZONTAL AERATION (REMOVABLE FOR FERTILIZER STORAGE AND AVAILABLE FOR RETROFITTING EXISTING BINS.)										
H1808	5000	14' & 16' bins up to 3300 bushels. Models 1615. GM3 and smaller	18" x 8'	n/a	155	3478	18" Rnd	38"	44"	n/a
H2408	6500	14', 16' & 18" bins up to 5000 bushels. Models 1625, 1820, GM500 and smaller.	24" x 8'	n/a	235	4660	24" Rnd	44"	50"	n/a
H2410	6500	14', 16' & 18" bins up to 6500 bushels. Models 1630, 1825, GM6, GM64 and smaller	24" x 10'	n/a	285	6284	24" Rnd	51"	59"	n/a

1. Recommended bushel capacities for Meridian AirMax™ system.

2. Recommended bin model(s) for maximum grain drying and aeration results.

3. Distance from gate to top of aeration mechanism.

4. Meridian AirMax™ Sectional system is an exclusive and unique aeration product allowing installation of vertical aeration in existing hopper bins. This unit is built heavier than the one-piece Meridian AirMax™, withstanding weights up to 20,000 bushels.



Storage and Handling | Experience the **Advantages**

AIRMAX™ AERATION SYSTEM

For more information or to find your nearest dealer, please visit our website
www.MeridianMFG.com