Stay dry. Keep cool.
GAIN FROM YOUR GRAIN.

KANALSYSTEM™
Aeration/Unloading
System which Eliminates bin entry!
Cooling – Drying – Grain Handling
Wherever the need is.

Mission: ”Grain Management for the future”
• The KanalSystem™ is manufactured by Tornum AB in Kvänum Sweden

• In 2002 Tornum AB purchased the agricultural division of PM-Luft AB which included the KanalSystem™ and Grain Cooler
Original KanalSystem™
Duct System for Aerating and Unloading
• North American Equipment Co Inc. is the U.S. distributor for the Tornum AB/PM-Luft KanalSystem™

• The KanalSystem™ has been in operation for 35 years in Sweden and 17 years in North America

• The system was designed and patented by a Swedish engineer to provide a better aeration system for the distribution of chilled air to compliment the grain cooler and its function
- No mechanical moving parts inside the grain structure

- The KanalSystem™ is self-cleaning and eliminates the need for personnel entry into the grain storage bin

- Safety is one of the biggest assets of the system, as sweep augers and bin entry are not needed to empty the bin

- Reduced labor cost and the value of employees not entering the unfavorable environment during bin emptying is another important benefit
• Provides excellent aeration opportunities because of the design of introducing the airflow uniformly throughout the grain storage bin

• Aeration function provides air to all grain in the structure as the air flows up the concrete ridge leaving all grain exposed to the airflow
• Unloading capacity in bushels/tons per hour varies with the size of the bin and fan size.

• The grain left in the bin after gravity flow ceases can be emptied at rates up to 40,000 bushels (1,000 tons) per hour.
• The system is space conservative, as it requires only 20% of the storage capacity lost to a conventional 37° inclined slope concrete hopper.
KanalSystem™ layout for large diameter side-draw unload configuration with 2 feeder kanals and “piggyback” kanals
• Duct work from aeration fan attaches to kanal inlets
Tornum AB manufactures grain equipment including dryers and grain coolers and installs complete grain systems with steel bins in Europe.