



GRAIN CONDITIONING SYSTEMS



We Engineer Relationships™

Caldwell grain conditioning products are available in a variety of models and sizes to fit most applications. With details such as galvanized housings, energy efficient motors and burners, and state-of-the-art designs, Caldwell fans and heaters provide maximum performance and dependable service year after year. Temperature monitoring systems can easily interface with Caldwell

conditioning equipment to maximize your grain quality. In addition, Caldwell manufactures aeration flooring, floor support systems, power exhausters, roof vents, transitions, drive over panel grates, perforated ducts and other products and accessories.

The complete line of Caldwell products is manufactured by the Chief Agri-Industrial Division of Chief Industries, Inc., and is supported by a team of people dedicated to providing exceptional customer service. For over 50 years, Chief has dedicated itself to living up to its mantra, "We Engineer Relationships."



**NEW
Composite
Control Box
Available**



Axial Fans

- 12" to 28" diameters
- .75 to 12.5 horsepower ratings
- Galvanized housings
- TEAO motors standard
- 230, 460 or 575 volt controls
- Designed to meet CSA standards
- Meets OSHA requirements
- Single or three phase units



Centrifugal Fans

- 15" to 36" diameter air foil blower wheel
- 3.0 to 100 horsepower ratings
- Galvanized housings
- TEFC motors standard
- 1750 & 3500 RPM fans
- 230, 460 or 575 volt controls
- Single or three phase units
- Dynamically balanced blower wheels

In Bin or Flat Storage Aeration Systems



Straight Run
Flush Floor



Spiral
Corrugated
Duct



Smooth Wall Round
Perforated Duct in a
Straight Run



Smooth Wall Round
Perforated Duct in a
Y System



Flush Floor
Y System



Annular
Corrugated
Duct



Goose Neck
Bin Vent



Low Profile
Roof Vent



Roof Exhausters

½ & 2 hp
Exhausters
Available

Caldwell's Exclusive Fans & Heaters



In-Line Centrifugal Fans

- 14" to 28" diameter housings
- 1 to 15 horsepower ratings
- 230, 460 or 575 volt controls
- Galvanized housings
- ODP motors standard
- 3450 RPM fans
- Single or three phase units



Fan/Heater Combination

- Natural gas, vapor or liquid propane units available
- Easy access service door
- Top center located control box for easy access
- Galvanized housings
- Heaters designed to work with Axial, Centrifugal or In-Line fans



Caldwell Flush Floor Systems

Caldwell Flush Floor Systems are custom designed for each specific application. Choose a Panel Grate System, Corrugated Sheeting System or Channellock Plank System in the configuration that fits your needs. Available in a variety of sizes up to 6' wide, systems are perforated for

unrestricted air flow. Caldwell can also design a custom fit to ensure proper air flow. Panel Grates are available with internal I-beams (which incorporate a perforated web) for heavier loads. Flush Floor Systems are manufactured with modular components for ease of installation.

Bottom view of panel grate



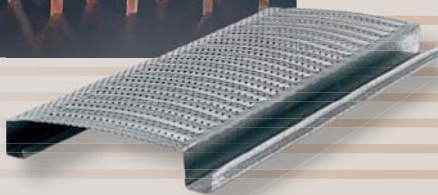
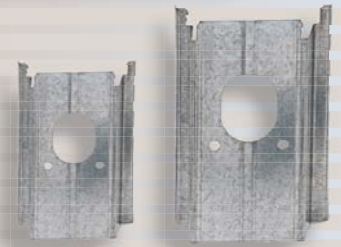
Caldwell Full Floor Systems

Caldwell Channellock floor systems are manufactured to help maintain the optimum quality of your grain. All channellock floor planks are of galvanized steel and are manufactured to exacting specifications to insure proper fit, structural integrity, and proper airflow.

Floor systems are available in two different perforation sizes (0.094" or 0.050") to meet the drying and conditioning requirements for your specific commodity. With the option of 20 gauge or 18 gauge material in the 0.094" perforated floor planks, Caldwell floors are engineered to handle grain depths of up to 100 ft.



Floor supports are available in either airframe (above) or channellock supports (right) to be used with both 13" & 17" floor applications. Channellock supports are available in 16 or 18 gauge galvanized material.



Chief Agri/Industrial is a division of Chief Industries, Inc. Established in 1954, Chief Industries, Inc. is a diversified organization providing a balanced range of products and services through its 16 divisions and subsidiaries.

Ask your Chief Agri/Industrial dealer for details.



of Chief Industries, Inc.

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