



CALDWELL GRAIN AERATION SYSTEMS



*From the industry's most
recognized aeration brand*

*Custom-designed for
your specific application*

agri.chiefind.com

Trusted. Tested. True.®

TRUST CHIEF'S 45-PLUS YEARS OF AERATION EXPERIENCE

Caldwell Fans

Safe, reliable and attractive. With over 45 years of manufacturing experience, Caldwell fans and heaters assure system performance, dependable service and acceptance throughout the world.

- Galvanized housings
- High quality brand name motors
- Come in 230, 460, or 575 volt 60 hz, and 380 volt 50 hz applications
- CSA approved, PAMI tested
- Meet OSHA standards

In-Line Centrifugal Fans

Compact and quiet, Caldwell in-line centrifugal fans are ideal for medium to high static pressures and allow for easy field upgrades with low temperature heaters.



- Heavy gauge galvanized housings from 14" to 28"
- Wheels from 10" to 20"
- 1 to 15 Horsepower
- Single and three-phase ODP motors

Axial Fans

Caldwell axial fans range in diameters from 12" to 28" to fit most applications.

- 3500 RPM @ 60 hz operation
- Single and three-phase TEAO motors with horsepower from .75 to 12.5
- Heavy gauge galvanized housing built to last



Centrifugal Fans

Designed for farm or commercial use, centrifugal fans operate quietly and allow for easy field upgrades with heaters.

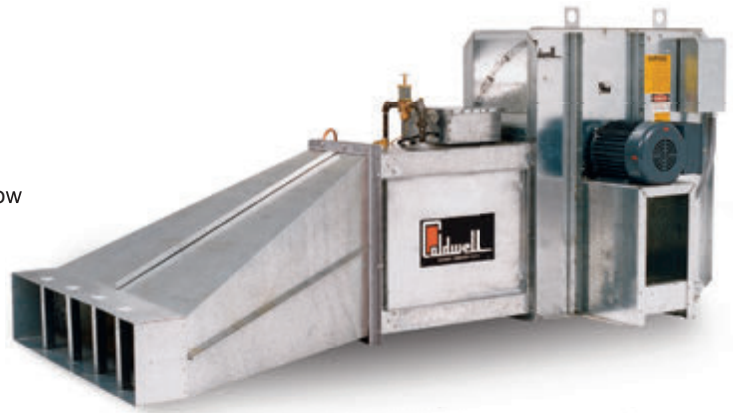
- Air delivery at up to 24" Static Pressure for deep grain applications
- 1750 RPM / 3500 RPM @ 60 hz and 1450 RPM / 2900 RPM @ 50 hz
- Wheels from 15" to 40" diameter
- 3 to 100 Horsepower
- Single and three-phase TEFC motors, PTO units available
- 230 volt models are pre-wired for heaters



Transitions

Caldwell transitions have galvanized housings and feature an efficient design to reduce turbulence.

- Offer maximum airflow
- Shipped fully assembled for faster installation
- Form a tight, dependable seal



Heaters

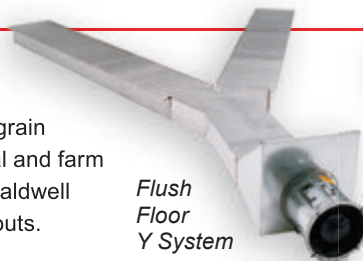
Caldwell heaters are designed to work in combination with axial, centrifugal or in-line fans. Fueled by natural gas, and liquid or vapor propane, Caldwell heaters are available in upstream and downstream models.

- Easy access service door and control box
- Heavy gauge galvanized housings built to last
- High and low temperature configurations
- Nine models of electric humidity controllers



Ducts

Caldwell offers a wide variety of grain conditioning ducts for commercial and farm use, including custom designs. Caldwell provides aeration installation layouts.



Flush Floor Y System



Flush Floor Straight Run



Annular Corrugated Duct



Spiral Corrugated Duct



Smooth Wall Round Perforated Duct in a Y System



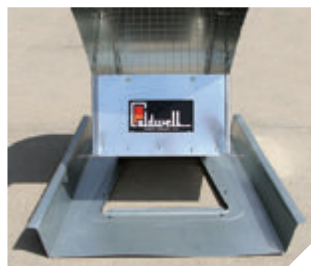
Smooth Wall Round Perforated Duct in a Straight Run

Vents

Caldwell offers the industry's most complete exhaust line. All vents install easily and are designed to minimize build-up of ice and foreign materials.

Goose Neck Bin Vent

2670 CFM hooded bin vent is 20% larger than standard hooded vents. Pre-punched roof panels make installation quick and easy!



Roof Exhausters

18" and 24" roof exhaust fans available



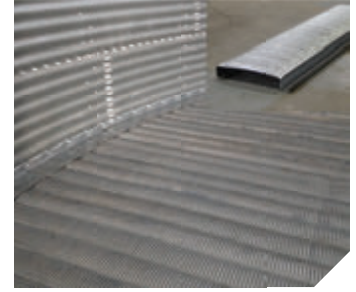
Caldwell Flush Floor Systems

Caldwell Flush Floor Systems are custom designed for each specific application. Choose from 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 10' wide, systems are perforated for unrestricted air flow. Caldwell will also design a custom fit to ensure proper air flow. Panel grates are available with I-beam supports (which incorporate a perforated web) for heavier loads. Flush floor systems are manufactured with modular components for ease of installation.



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 16, 18, or 20 gauge material in the 0.094" perforated floor planks, Caldwell floors are engineered to handle grain depths of up to 110 ft.



Floor supports are available in either airframe (top) or channellock supports (bottom) to be used with both 13" & 17" floor applications, as well as additional support heights. Channellock supports are available in 16 or 18 gauge galvanized material.

Chief Agri 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 many divisions and subsidiaries.

Ask your Chief Agri/Industrial dealer for details.



**2H Flush
Floor System**



**2T Flush
Floor System**



**4I Flush
Floor System**



**4F Flush
Floor System**

CHIEF

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