

AXIAL FANS

HIGH EFFICIENCY FOR DRYING OR AERATION



MORE AIRFLOW FOR LESS MONEY

SIoux STEEL COMPANY PUTS GREAT EFFORT INTO DESIGNING AND MANUFACTURING THE BEST FAN FOR YOUR NEEDS.

THIS IS WHY SIOUX'S GOLD QUALITY FANS ARE #1 IN THE INDUSTRY. THE FAN IS THE KEY TO A SUCCESSFUL DRYING AND AERATION SYSTEM. THAT'S WHY OUR FANS COME WITH RELIABILITY AND DEPENDABILITY BUILT RIGHT IN.

**CALL NOW FOR A DEALER
NEAREST YOU!
1 (800) 557-4689**



DESIGNED AND TESTED FOR MAXIMUM PERFORMANCE

HIGH EFFICIENCY FOR DRYING OR AERATION

Sioux Steel's Axial Fans cast aluminum airfoil blade ensures economical maximum airflow at lower static pressures.

Our highly trained Engineers have created precision-balanced blades to achieve vibration-free operation. The hub on the blade prevents backflow air leakage at higher static pressures. They have also designed the housing with close tip clearance for maximum airflow. Airflow is increased by not allowing air to blow back through the blade and the housing for greater efficiency providing the most efficient Axial Fan on the market today.

Proven for maximum performance, our Axial Fans have been repeatedly tested to ensure they meet the Sioux Steel Gold Quality Standards.

AG DRIVEN, GOLD QUALITY
SOLUTIONS FOR TODAY AND TOMORROW

SIoux STEEL COMPANY

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 Sioux Falls, SD 57101-1265
 Phone: 605-336-1750 or 800-557-4689
 Fax: 605-357-8597 or 800-733-4134
 www.siouxsteel.com



- ❖ Plated screen guard is bolted over the air intake to ensure your safety.
- ❖ More Airflow for your money.



- ❖ We use high quality motors for heavy-duty dependable fan operation year after year.
- ❖ The control box features a power switch, magnetic starter, capacitors and a standard 110 volt interlock for heaters.

USE ALONE OR WITH SIoux GOLD QUALITY HEATERS

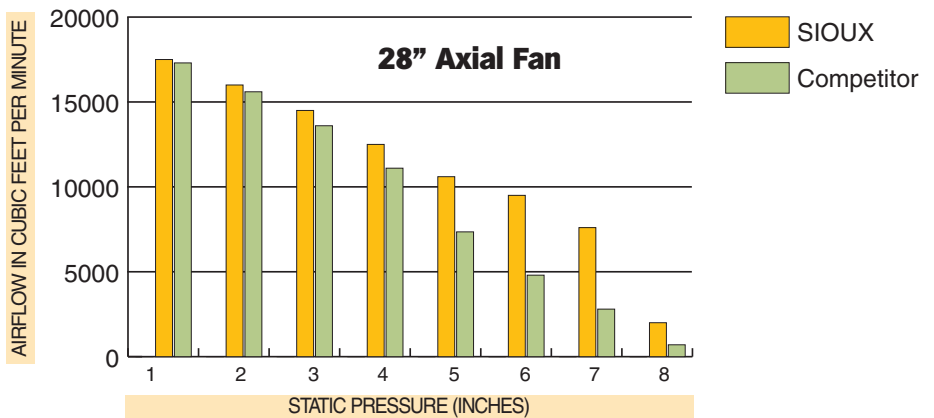
Sioux Gold Quality Axial Fans are engineered for grain drying at lower static pressures. Our fans easily adapt to heaters or can be used alone for natural air drying or for pressure aeration.

Sioux Gold Quality downstream heaters for Axial Fans are available in both 24" and 28" diameters for fans from 5 through 15 horsepower. Two different temperature control systems are available. A thermostat type control and modulating valve are available which cycles the burner on and off as the temperature control calls for more heat. Both types are equipped as standard with a vaporizer kit that allows the dryer to burn liquid from the tank for more efficient operation when the outside temperature falls below freezing.

ASK ABOUT SIoux STEEL COMMERCIAL & FARM BINS.

HIGH EFFICIENCY = MAXIMUM PERFORMANCE RIGHT WHERE IT COUNTS!

- ❖ SIoux GOLD QUALITY AXIAL FANS ARE ECONOMICAL AND PERFORM BETTER THAN THE OTHER LEADING FAN AT LOWER STATIC PRESSURES



	1	2	3	4	5	6	7	8
SIoux	17500	16000	14500	12500	10600	9500	7600	2000
Competitor	17300	15600	13600	11100	7350	4800	2800	700

TRANSITION DIMENSIONS (INCHES)

DIA	TRANSITION HEIGHT	TRANSITION WIDTH	TRANSITION LENGTH	TRANSITION OUTSIDE OPENING HEIGHT	INSIDE TRANSITION OPENING HEIGHT	INSIDE TRANSITION OPENING WIDTH	OUTSIDE TRANSITION OPENING WIDTH
12"	12	47 5/8	28	22 1/4	20 3/4	20 3/4	23 3/4
14"	12	47 5/8	28	22 1/4	20 3/4	20 3/4	23 3/4
18"	12	47 5/8	28	22 1/4	20 3/4	20 3/4	23 3/4
24"	12	47 5/8	28	36 5/16	34 4/5	31	34
28"	12	47 5/8	28	36 5/16	34 4/5	31	34

AXIAL FAN AND HEATER DIMENSIONS (INCHES)

DIA	TOTAL FAN WIDTH	TOTAL FAN HEIGHT	TOTAL FAN LENGTH	INSIDE FAN DIAMETER	HEATER LENGTH	TOTAL HEATER HEIGHT
12"	15	16	14	12 3/4	-	-
14"	17	18	14	14 1/4	-	-
18"	23	24	18	18 3/4	-	-
24"	27 3/4	38	24 1/2	24 3/16	24 1/2	28
28"	31 3/4	41 1/2	24 1/2	28 1/4	24 1/2	41 1/2

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