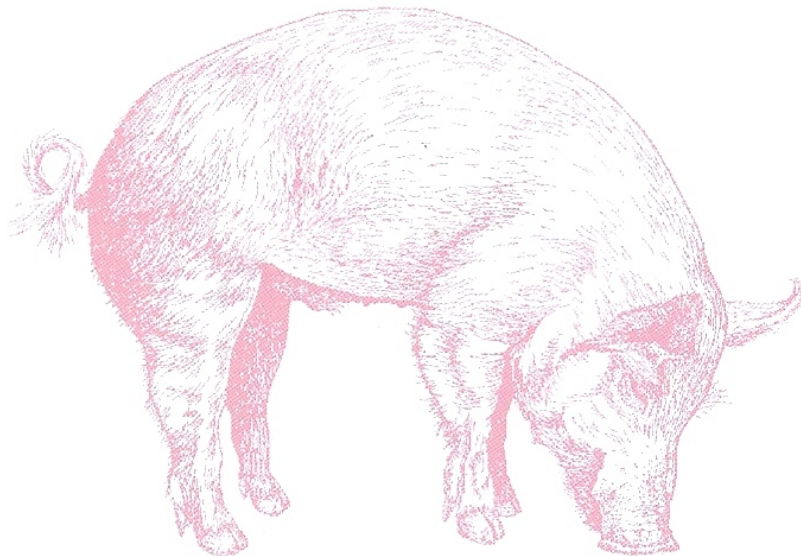


**SCHAEFER**

**Ventilation Equipment**

*"Quality and Innovation since 1951"*

# Hog Ventilation



[www.schaeferfan.com](http://www.schaeferfan.com) • 1-800-779-3267

# SCHAEFER BARN KOOLER® FANS

• Patented • Proven • And Still The Best!



VS12BK



VS20BK

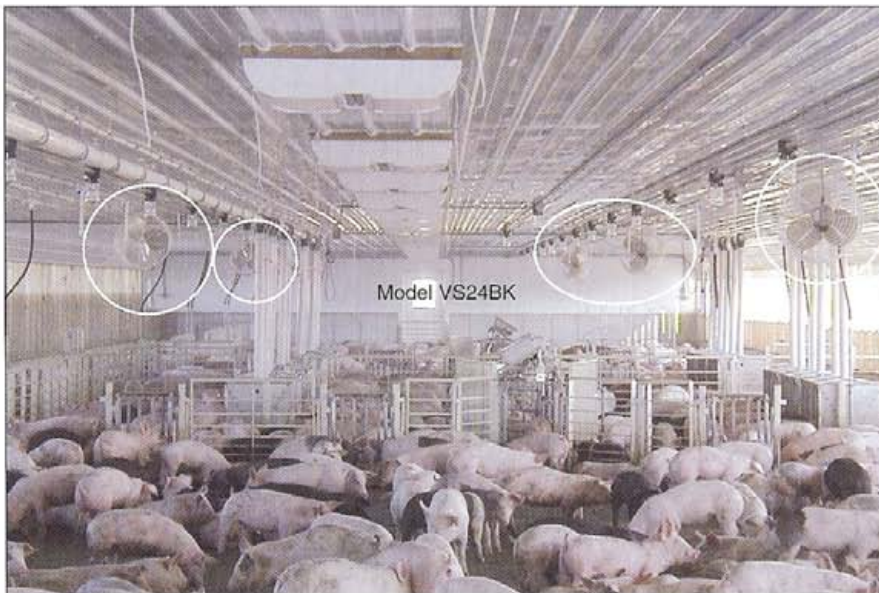
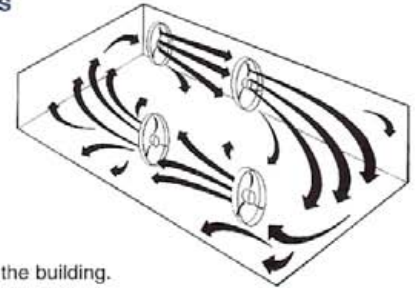


VS24BK

The "Barn Kooler® System" is a variable speed\* air circulation system which is used for year round ventilation in total confinement hog buildings as well as naturally ventilated hog facilities.

\*When used with speed controls.

- **Reduces Heat Stress:** Reduces growth loss from heat stress.
- **Increases Reproduction Levels:** Reduced heat stress increases reproductive efficiency.
- **Controls Insects:** Flies and other insects are greatly discouraged by the constant air flow throughout the building.
- **Eliminates Condensation on Walls and Ceilings:** Constant gentle air flow will keep the building dry by increasing evaporation of moisture.
- **Keeps Building Fresher:** Gentle air circulation will move ammonia fumes away from animals, circulating gases to the upper level of the building so that the exhaust fans can remove them from the building more efficiently. Ordinary ventilation systems cannot remove ammonia fumes off the floor!
- **Corrects Dunging Problems:** When ventilation rates are low, animals will tend to congregate wherever the oxygen level is best in their pen. The Barn Kooler® System gently circulates fresh air evenly throughout the entire building creating a healthier environment for all the livestock!



Model VS24BK



Model VS24BK rear view shown with standard mount.

## **SCHAEFER STAINLESS STEEL FANS**

- Heavy Duty
- Washable
- Resistant



24CFO-WD

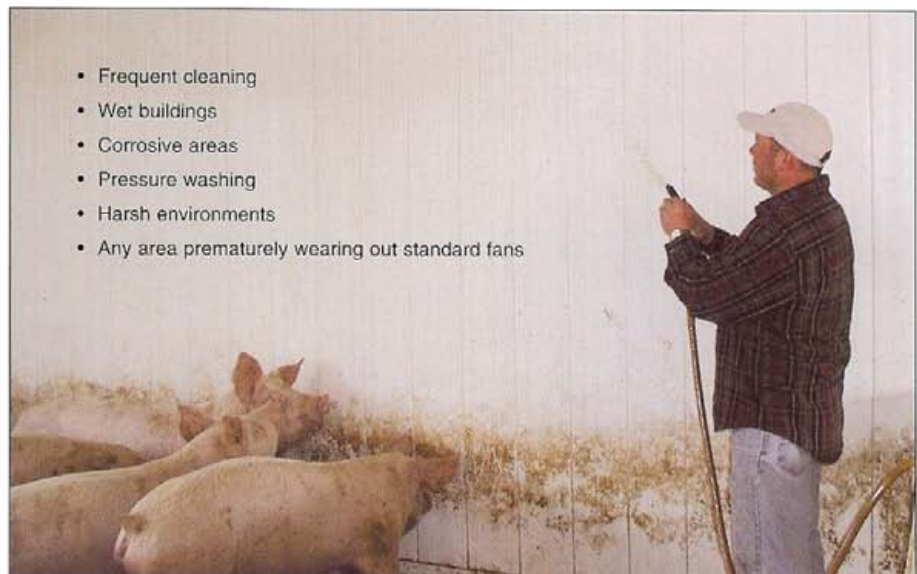


30CFO-WD

**These fans are ideally suited for comfort cooling in meat packing plants, processing facilities, high humidity areas, and washdown environments.**

- Non-corrosive stainless steel fan.
- Designed to withstand moist/wet environments.
- Designed for high-pressure cleaning.
- Will withstand concentrated caustic solutions without affecting performance or functionality.
  - Constructed with electro-polished 304 stainless steel.
  - Approved by the USDA and the NSF for Food Zones.
    - OSHA guards.
- Motor has USDA approved electrostatically applied epoxy finish.

*Stainless steel mounts available.*



## **SCHAEFER TUNNEL VENTILATION**

- Powerful • Quiet • Efficient



**36", 42", 48" & 52" Exhaust Fans**

Schaefer Ventilation Equipment offers a wide selection of exhaust fans for tunnel ventilation.

### **Choose from:**

- Fiberglass or Galvanized Housings • Three or Six Wing Blades • Single or Two-Speed Motors
- Galvanized or Stainless Materials • Single or Three-Phase Power • Multiple Horsepowers

### **The System:**

- Powerful Schaefer fans are placed on one end of the barn and air intakes or an evaporative cooling system is placed on the opposite end.
- To maximize airflow, fans are positioned close to the floor.
- The barn is "tightened up" to eliminate stray air entering through curtains, ridge openings, and gaps in framing. Control with temperature and/or humidity sensors to turn fans. Cooled, fresh air travels the length and width of the barn at velocities from 400-600 feet per minute.
- Stale air never begins to accumulate! The barn is remarkably quiet and peaceful. Flies and birds are nearly eliminated.



Model 483BC1-3



Model FM4800-1G

## **SCHAEFER EXHAUST FANS**

• Versatile • Durable • Dependable



**9", 12", 16" & 20"  
Polyethylene Flush-Mount Exhaust Fans**



**12", 16" & 20" Fiberglass Hood-Style Exhaust or  
Positive Pressure Fans**

- Heavy Duty Motors** • Both styles are equipped with totally enclosed thermally protected, prelubricated ball bearing motors.
- Fan Blades** • Both styles are equipped with energy efficient polypropylene, rust resistant blades.
- Fan Housings** • Flush-mount style is constructed of polyethylene. • Hood-style is constructed of fiberglass. Both are rust and corrosion resistant.
- Fan Shutters** • Flush-mount style shutters are constructed of PVC. • Hood-style shutters are heavy gauge steel with baked on epoxy finish.

*All are variable speed capable for year round use and great for those minimum CFM requirements.*



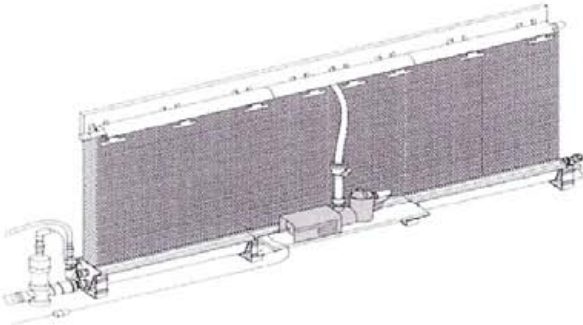
Model PFM2000-1



Model H1621-1 Attached to Model PF-250 Pit Fan Elbow

# SCHAEFER EVAPORATIVE COOLING

- Complete • Effective • Portable



## Pro-Kool® Evaporative Cooling Systems

Pro-Kool® system's specially designed splash plate insures adequate water is directed to the front of the pad for maximum cooling efficiency. Also allows for the continuous cleaning of the pad. Water is pulled through the flutes and foreign particles are washed away.

The Pro-Kool® system by Schaefer along with Glacier-Cor® evaporative cooling media gives you the best value for your money! Incredible cooling efficiency, low-cost maintenance, and years of reliable service.



## The patented oscillating WayCool® with a 110° arc.

You can purchase our WayCool® with an oscillating spout. With an arc of 110°, the oscillating WayCool® distributes cool air to an even larger area. Other coolers require you to move the entire unit to change the direction of the air flow.



Schaefer's new Pro-Kool® portable evaporative cooler boasts a powerful 1 hp, 42" fan which delivers 20% more cool air while using less energy. Uses less floor space than competitive 36" models.



Pro-Kool Evaporative Cooling System

# SCHAEFER INTAKES

• Modern • Functional • Patented



**Roof Vent**  
RV-3000

- Let the building 'breathe' with the RV-3000.
- One piece construction prevents leaking.
- Unique design with wide openings allow maximum air flow.
- Blocks rain and snow.
- Rugged polyethylene material with UV inhibitors.
- Includes bird screen.



**Wall Intake**  
WI-1000P

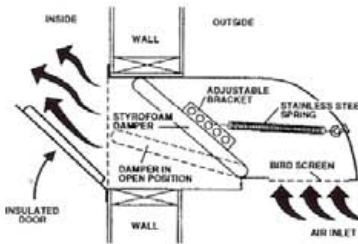


**Wall Intake**  
WI-2000P



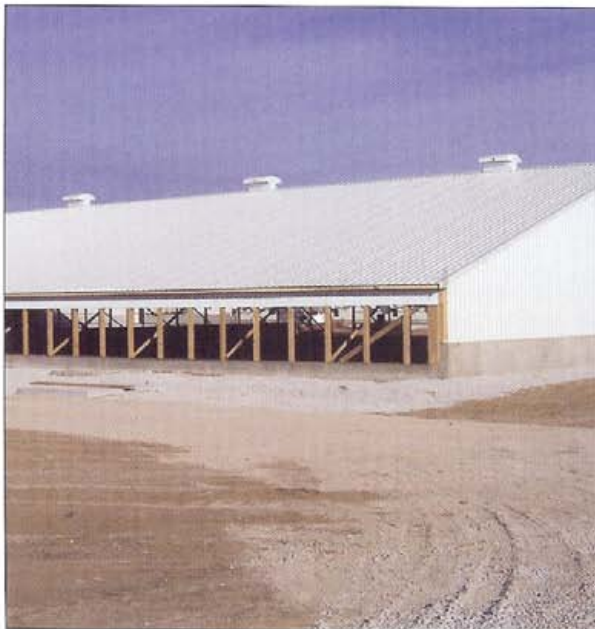
**Ceiling Intake**  
CI-1300

- Automatic dampers open and close as the speed of the vent fan changes.
- Mounts flush with ceiling providing no obstructions below the ceiling.
- Completely adjustable.
- Easy to install.
- Totally corrosion proof.
- Damper locks included for closing intake.



*Patented*  
**Automatic Fresh Air  
Wall Intakes**

Incoming air can be directed toward the ceiling or near the floor. Wind problems are minimized by the integral hood. Cold air seepage and condensation worries are eliminated by a gasket and airtight door. Convenient door hinges allow easy access to the inlet.



Buildings Shown with Model RV-3000

# SCHAEFER CONTROLS

• Simple • Flexible • Reliable



MSC-400

The **MSC-400** is an Electronic Manual Speed Control which allows variable speed fans to be adjusted. Use control for a light dimmer, as well as for heat lamps. One of the most popular speed controls on the market!



AVS-500 • AVS-550 • AVS-650

The **AVS-500, AVS 550 and AVS-650** are microprocessor based automatic variable speed controls. Set the speed of the fan and your desired building temperature. If the building warms up, the fan speeds up. If the building cools down, the fans slows down. The AVS-650 has a heater interlock feature.



SEC-HD

- Two Variable Speed Stages
- Three Relay Stages Heat/Cool

This versatile product model (SEC-HD) automatically controls variable speed fans, staged fans and heating equipment. Various alarm conditions are available on the display and alarm systems may be connected to the control.



PEC+

The **Proportional Environment Control (PEC+)** is a microprocessor based product designed to efficiently control the environment in livestock buildings. It has connections for two variable speed stages, three heat/cool stages, an inlet system and an alarm system. When operating, the PEC measures and displays the room temperature. While monitoring the temperature it controls the connected ventilation and heating equipment according to the programmed settings, to keep the temperature at the desired point.



# SCHAEFER HEAT

We now offer our wide variety of heating products. Call for further details.



High Intensity Gas



Low Intensity Gas



Electric Spot



Portable Gas