



TECH NICKEL TIPS

POSITIVE PRESSURE LOADING AREAS

Pig barns use exhaust fans and thus air pressure in the barn is lower than air pressure outside. Whenever a door is opened, air rushes into the building. It is hard to chase pigs out a door with a strong breeze rushing in. In cold weather this is compounded by clouds of fog forming inside the building, making it even harder to work.

A simple and inexpensive solution used on many hog farms is a loading room that is pressurized. The room from which pigs are to be loaded is equipped with a fan taking air from an adjacent warm area of the barn. Just before the pigs are to be loaded, the interior room door is closed and the fan is turned on to pressurize the room. When the outside door is opened the air rushes out instead of cold air rushing in.

An 18" panel fan will usually work for a room with a 3' x 7' outside door.

VIDO

SERVING THE LIVESTOCK INDUSTRY THROUGH RESEARCH