

ENERGY CONSERVATION TIPS FOR FANS

TOTAL
ENERGY
CONSULTANT

- ✓ Use smooth, well-rounded air inlet cones for fan air intakes.
- ✓ Avoid poor flow distribution at the fan inlet.
- ✓ Minimize fan inlet and outlet obstructions.
- ✓ Clean screens, filters, and fan blades regularly.
- ✓ Use aerofoil-shaped fan blades.
- ✓ Minimize fan speed.
- ✓ Use low-slip or flat belts.
- ✓ Check belt tension regularly.
- ✓ Eliminate variable pitch pulleys.
- ✓ Use variable speed drives for large variable fan loads.
- ✓ Use energy-efficient motors for continuous or near-continuous operation.
- ✓ Eliminate leaks in ductwork.
- ✓ Minimize bends in ductwork.
- ✓ Turn fans off when not needed.

