

AcornVac Wastewater Collection



ACORNVAC, Inc.
Manufacturing Complex
Chino, California

AcornVac, a subsidiary of Acorn Engineering Company, continues the Acorn 50 year tradition of setting industry standards with innovative products and systems. Using modern technology, AcornVac Inc. offers an alternative system to transport wastewater using vacuum. With a 10 year association of vacuum designed projects, AcornVac Inc. ensures that our customers continue to receive the best products and latest technology available. Acorn Engineering Company manufactures a wide variety of products including:

- Stainless Steel Plumbing Fixtures
- Hospital Equipment and Accessories
- Injection Molded Products
- Water Heating Equipment



ACORN ENGINEERING COMPANY
Corporate Headquarters and Manufacturing Complex
Industry, California

VACUUM: A FLEXIBLE & ECONOMIC ALTERNATIVE TO GRAVITY

To maintain a competitive edge, supermarkets must continually strive to maintain and expand their customer base.

AcornVac Vacuum Plumbing Systems allow unlimited flexibility in the arrangement and presentation of merchandise (products) at a significant cost savings compared to traditional remodeling strategies.

Cost reductions are realized in both reduced material and construction costs as well as reduced downtime for the affected floor space.

What is an AcornVac Wastewater Collection System?

It is an engineered plumbing system that uses vacuum and air to transport condensate or wastewater through a network of overhead piping to a central collection location, which is then discharged into the sewer main. The AcornVac Condensate Collection System gives owners an alternative to conventional under-slab piping systems. It reduces the cost of remodeling, installs quickly and provides store layout flexibility.

Compare:

Vacuum

1. **Flexibility** in cold-storage case layout and merchandising design for new construction or remodeling.

2. Eliminates the cost of underslab wastewater drainage piping. **AcornVac piping system is installed overhead. Does not require venting.**

3. Installation costs are reduced using smaller diameter plastic pipe and fittings. **Floor Drains are eliminated.**

4. Remodeling time is reduced. **No concrete cutting and trenching.**

5. If leak occurs air will enter waste piping. **No wastewater leaks.**

Gravity

1. Case layout is limited to where floor sinks and drain lines are located. **Flexibility is limited.**

2. Drain lines are installed beneath concrete slab and require positive sloping toward sewer main. **Requires venting.**

3. Uses standard drainage pipe and fittings. **Requires floor drains and cleanouts.**

4. Remodeling requires drain line tracing. **Costly concrete cutting, trenching and drain relocation.**

5. Wastewater will exit waste pipe **potentially causing ground damage from leaking waste piping.**