

ACORN ENGINEERING'S

CORRECTIONAL FACILITY FIXTURES AND SYSTEMS



M1415-AL-1
COMBY



1440-AR-2
Suicide-Resistant COMBY



1432-AR-2
ADA COMBY



ACORN ENGINEERING COMPANY

Manufacturer of Security Plumbing Fixtures **SINCE 1954**

High Efficiency Toilet (HET)



WATER-SAVING 1.28 GALLONS PER FLUSH

Contributes to facility's overall water use reduction, earning LEED points toward US Green Building certification and savings in utility costs

VANDAL RESISTANT

14-GAGE, TYPE 304 STAINLESS STEEL

Seamless TIG welding and laser cutting reinforce quality and longevity



80% RECYCLED STAINLESS STEEL

is 100% recyclable after product's long life

*** Over a Million Configurations of Combys Available ***



To learn more about AcornVac plumbing systems, construction benefits and applications, visit our NEW online information and training center at www.acornvac.com

800-488-8999

626.336.4561

www.acorneng.com

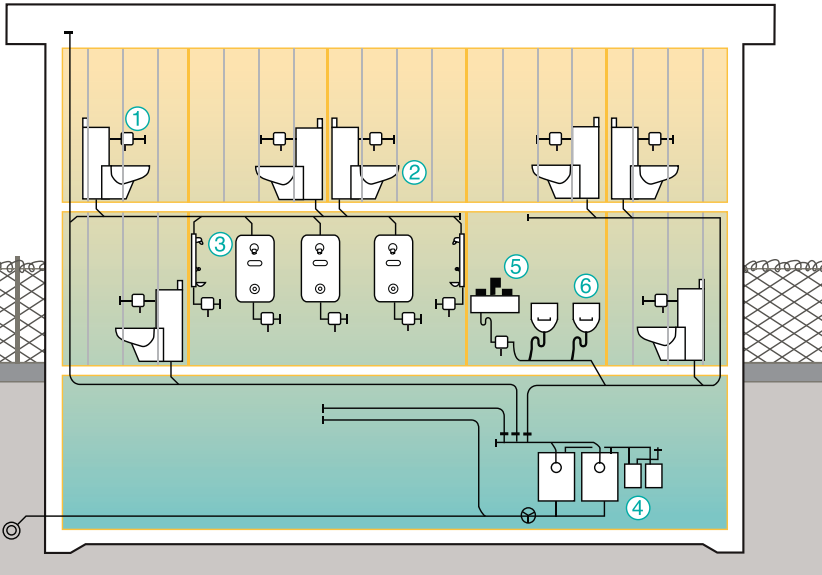
ACORN ENGINEERING'S

CORRECTIONAL FACILITY FIXTURES AND SYSTEMS

SAVE 5 MILLION GALLONS OF WATER ANNUALLY

with AcornVac Plumbing and Drainage Systems

A **WHOLE BUILDING** APPROACH TO CORRECTIONAL FACILITIES



- 1 CHRONOMITE® TANKLESS WATER HEATER**
PRESET TEMPERATURE AT POINT OF USE
- 2 PENAL-WARE® COMBY**
1.28 GALLON HIGH-EFFICIENCY FLUSH
0.5 GALLONS PER FLUSH W/ ACORNVAC
- 3 PENAL-WARE® WALL SHOWER**
HEAVY-GAGE STAINLESS STEEL
- 4 ACORNVAC® SYSTEM**
NO MAINLINE CLOGS; 0.5 GALLONS PER FLUSH
- 5 PENAL-WARE® LAVATORY**
HEAVY-GAGE STAINLESS STEEL
- 6 PENAL-WARE® URINAL**
HEAVY-GAGE STAINLESS STEEL

The AcornVac® Vacuum Plumbing System uses the combined energies of atmosphere and vacuum pressure to move waste through a small diameter piping network.



VACUUM PLUMBING SYSTEM

combined with an Acorn Engineering Comby or HET results in even more water savings and vandal resistance

NO MAINLINE CLOGS AcornVac efficiently isolates every cell from the waste piping network by means of a normally closed valve separating the toilet in the cell from the rest of the toilets in the facility. Leaks and clogs are eliminated. Communicating and passing contraband is rendered impossible.

68% WATER SAVINGS Efficient technology only requires 0.5 gallon of water per flush to effectively remove waste, as opposed to the 1.6 gallons required with a traditional gravity plumbing system. Overall water consumption is thus reduced by as much as 68 percent.

FLEXIBLE INSTALLATION Piping routed either overhead or below grade in shallow spaces. This vertical/horizontal flexibility, combined with self-venting, helps to provide smaller, more accessible plumbing chase areas, and more room in the rest of the facility.

ADDED SECURITY AND SAVINGS Installed above-ground, eliminating risks and costs involved when trenching is risky or impossible.

LOWER COSTS Less construction, utility, and maintenance costs result in a cost-effective, LEED certified building*

* AcornVac and the High Efficiency Toilet earn LEED points toward US Green Building certification for a building's overall water use reduction and use of recycled materials.

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