Seattle Public Utilities
Energy Star Dishwasher
Recommendation:

0.62 EF and 6.1 gallons/cycle

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Distribution of Energy Star Dishwashers
Rebated in Washington State in 2004 and 2005 (to date)

Number of Rebates

EF Normal Cycle

2005  n=4,860
2004  n=9,374
EF Distribution in 2004  n = 9,374
for Energy Star Dishwashers Rebated in Washington State
35% had EF of 0.62 or above

- 0.62: 24%
- 0.59: 18%
- 0.6: 10%
- 0.58: 13%
- over 0.62: 11%
- Other: 24%
EF Distribution to date in 2005 (Jan-June) n = 4,860 for Energy Star Dishwashers Rebated in Washington State
37% had EF of 0.62 or above
Dishwashers Rebated in Washington State with an EF of 0.62 or above:

16 Different Manufacturers

comprised of

72 Different Models
Use an EF of at least 0.62 to keep Energy Star a “Premium Label” and adopt this as soon as possible (consider future phasing).

Seattle’s Water and Energy Utilities both support CEE’s 0.62 EF and water use reporting recommendations.
EF and Water per Cycle for Dishwashers with EF of 0.62 or greater (n = 164 models)
(Note: many models overlap with same EF and WF)
(data source: Oregon Dept of Energy)
Of the 30 dishwasher manufacturers having an EF of 0.61 or above currently listed by the Oregon Dept. of Energy,

28 manufacturers have models using 6.1 gallons per cycle or less.
Of the 164 dishwasher models listed by the Oregon Dept. of Energy for tax credits having an EF of 0.62 or higher, only 18 models use more than 6.1 gallons per cycle. This represents less than 11% of models. However, only 2 manufacturers (Monogram and Siemens) don’t offer at least one model using 6.1 gallons per cycle or less.
ADDITIONAL COMMENTS:

Compact and single drawer dishwashers should be added to Energy Star.

Dish cleaning performance should be an Energy Star consideration.

Maximum per cycle energy and water consumption data for each machine should be reported.

Energy and water use data comparing machine pre-rinsing and hand washing should be analyzed.
Conclusion:

6.1 gallons per cycle and 0.62 EF will allow almost all dishwasher manufacturers to have one or more Energy Star Models.

Reporting of water use per cycle by manufacturers should be an Energy Star requirement.

Energy Star should encourage smaller capacity dishwashers, full loads, and less pre-rinsing to save additional energy and water.