

Revised Residential Water Heater Standards Industry Perspective

Changes put in motion by April 2015 revised residential water heater standards are significant.

Compounded by revised test procedure finalized in July 2014.

Revised Residential Water Heater Standards

Industry Perspective

Revised standards finalized in 2010. Typical product lines at that time

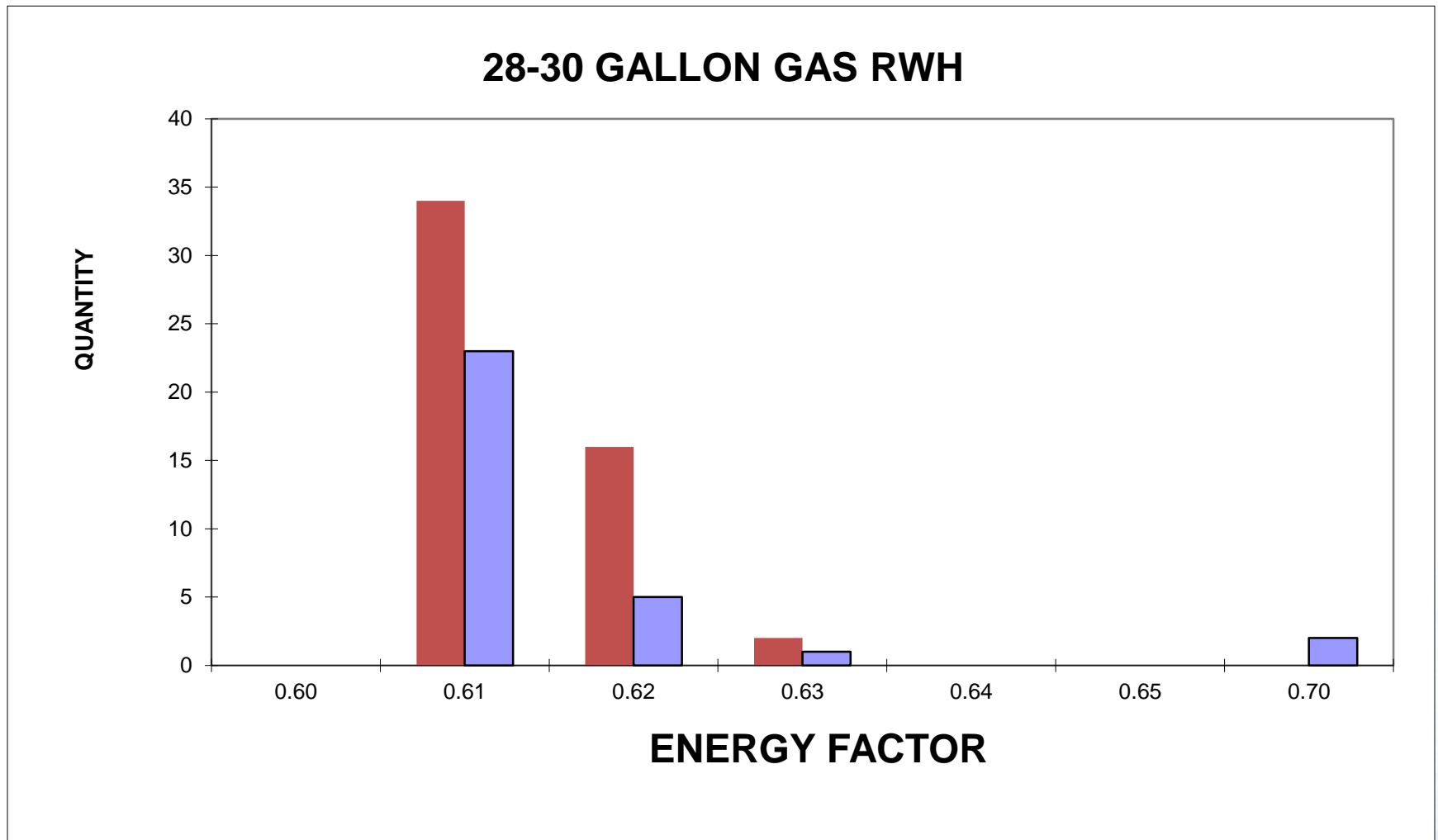
Gas storage – 30 G; 40 G; 50 G; 65 G; 75 G;
tall, standard and low-boy (?) models,

Electric Storage – 30 G; 40 G; 50 G; 65 G; 80 G; 100/120G;
tall, standard and low-boy models

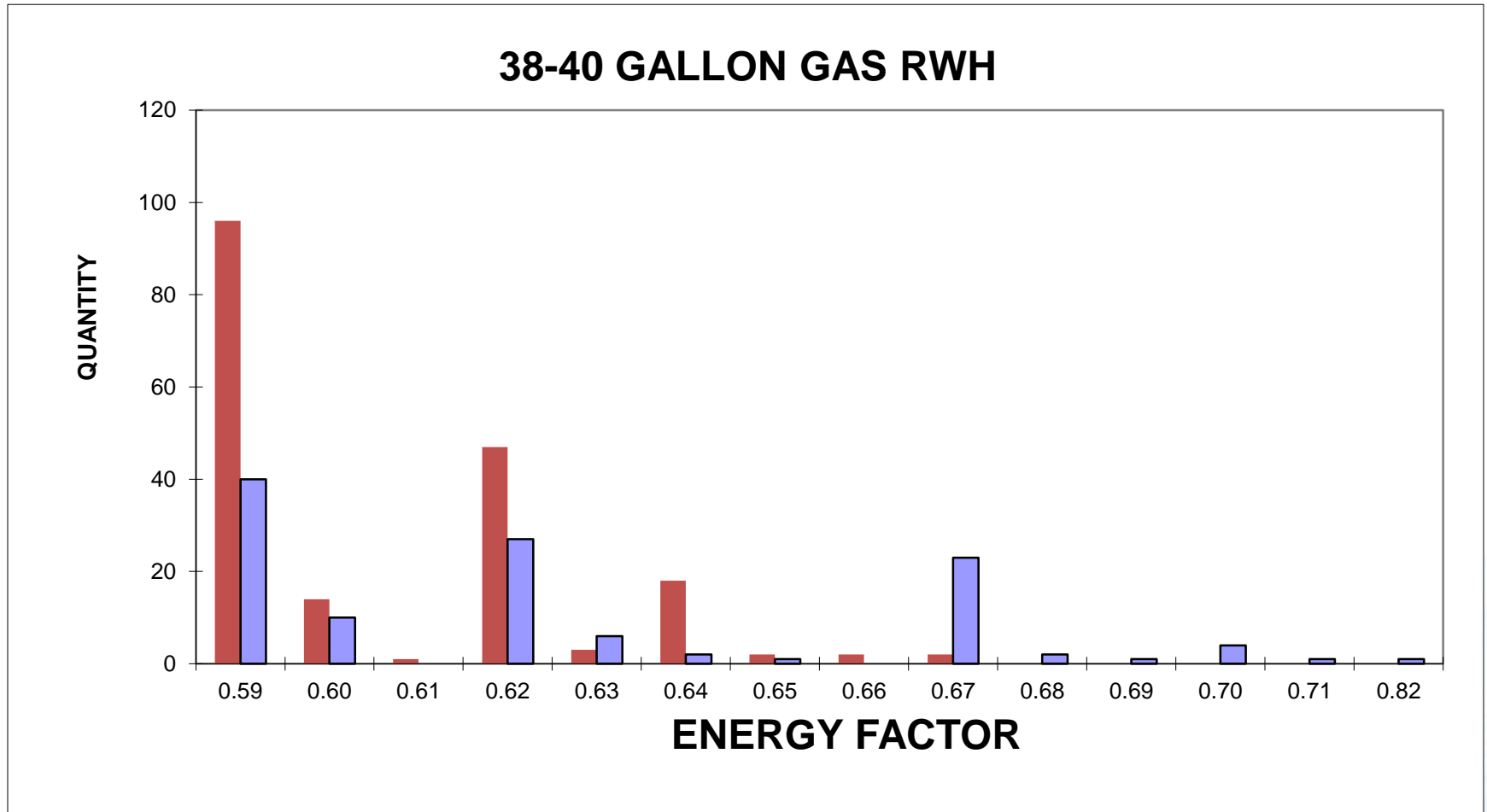
Oil Storage – 30/32 G; 50 G

Gas Tankless – Input from 120,000 to < 200,000 Btu/h,
about 5% of the market

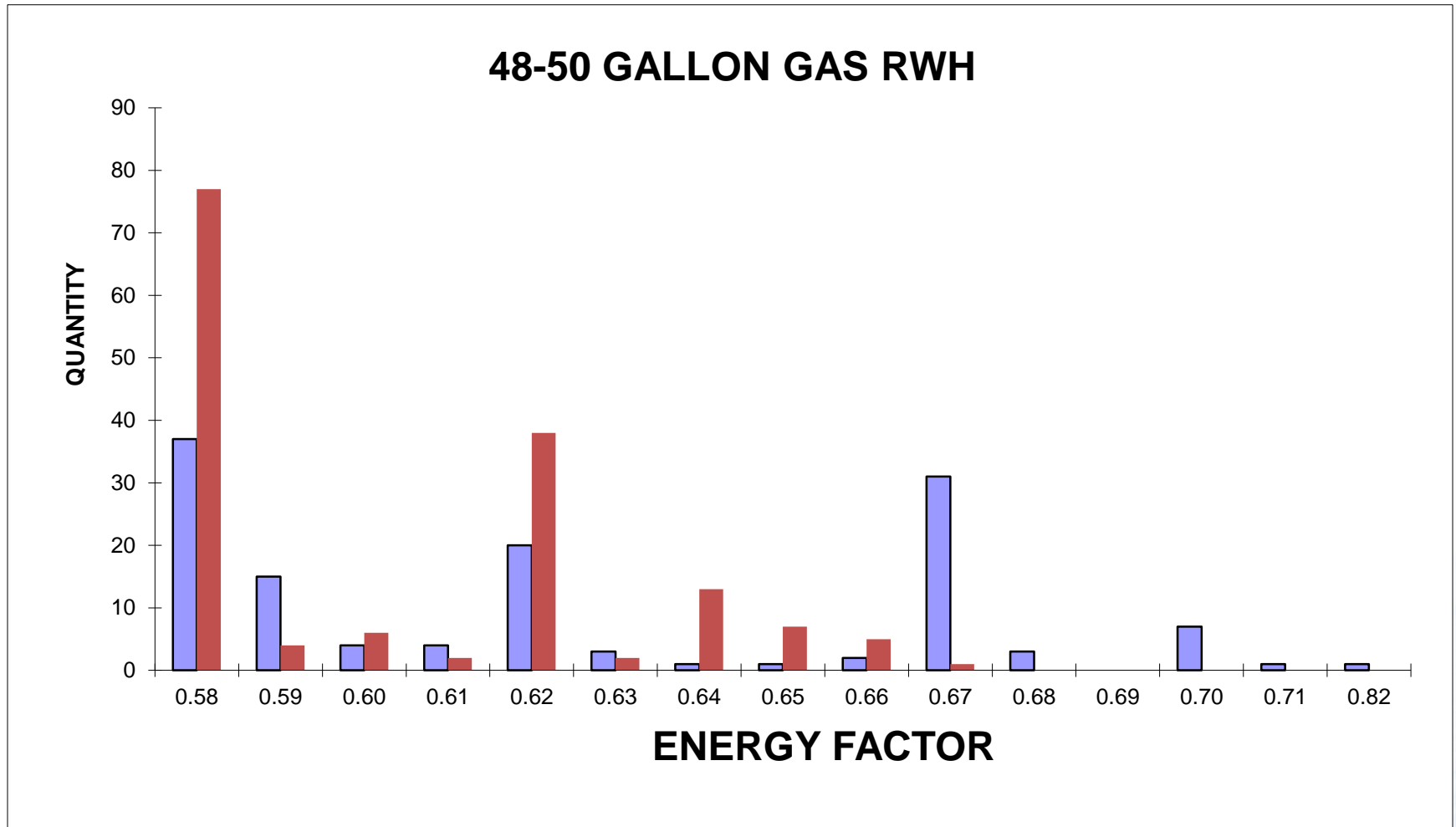
Model Availability by EF: Pre-2010 & 2015



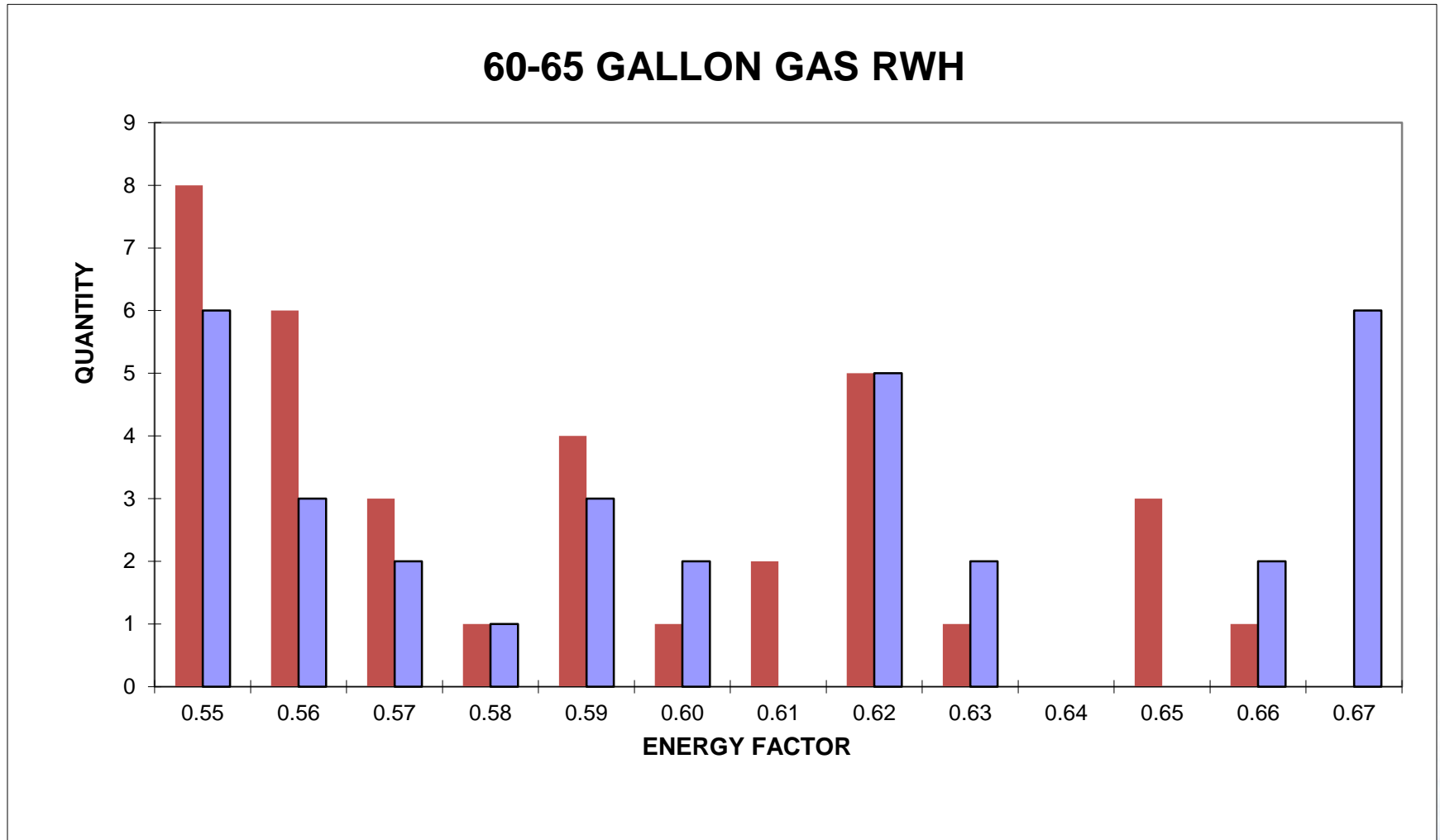
Model Availability by EF: Pre-2010 & 2015



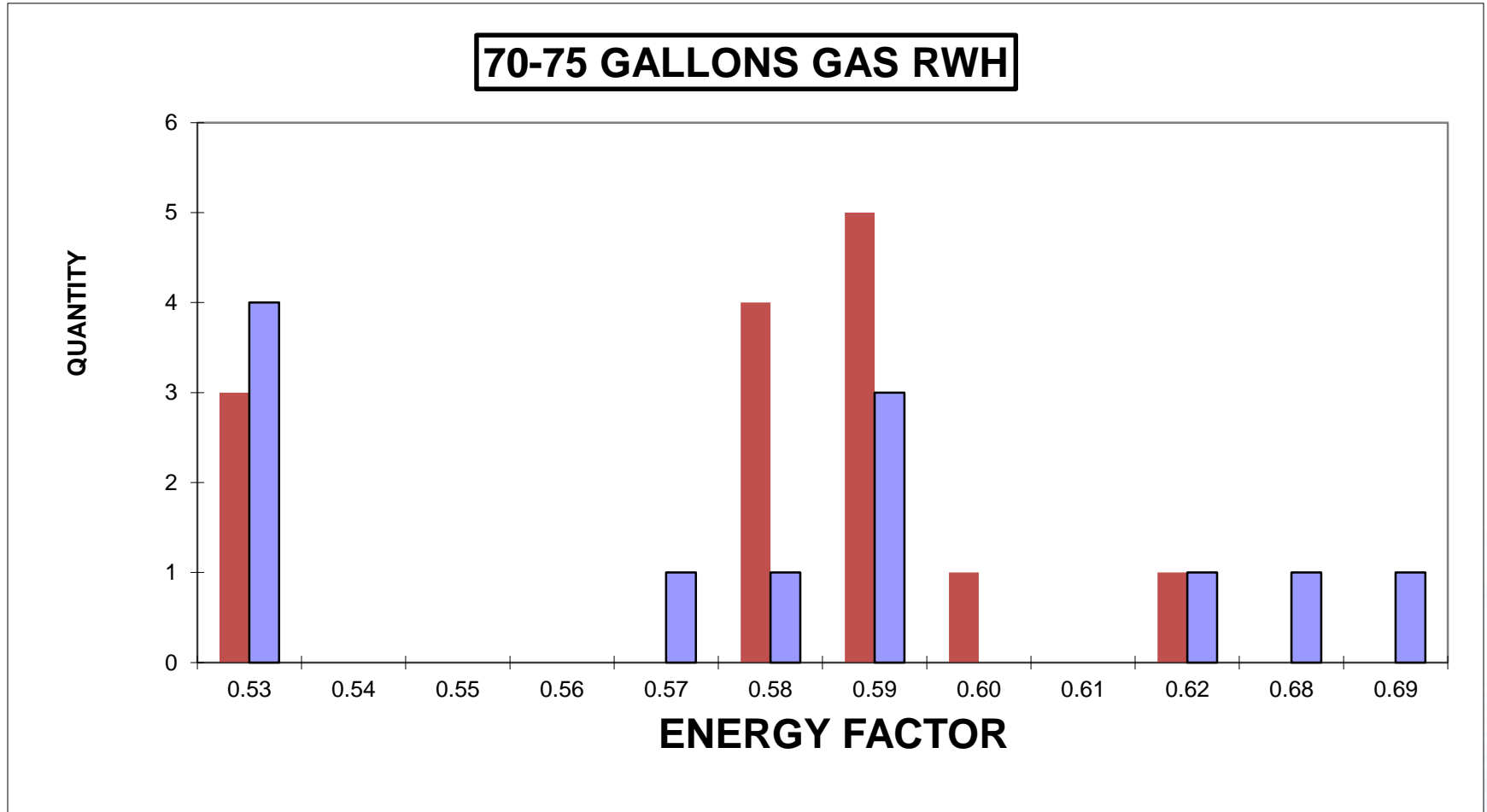
Model Availability by EF: Pre-2010 & 2015



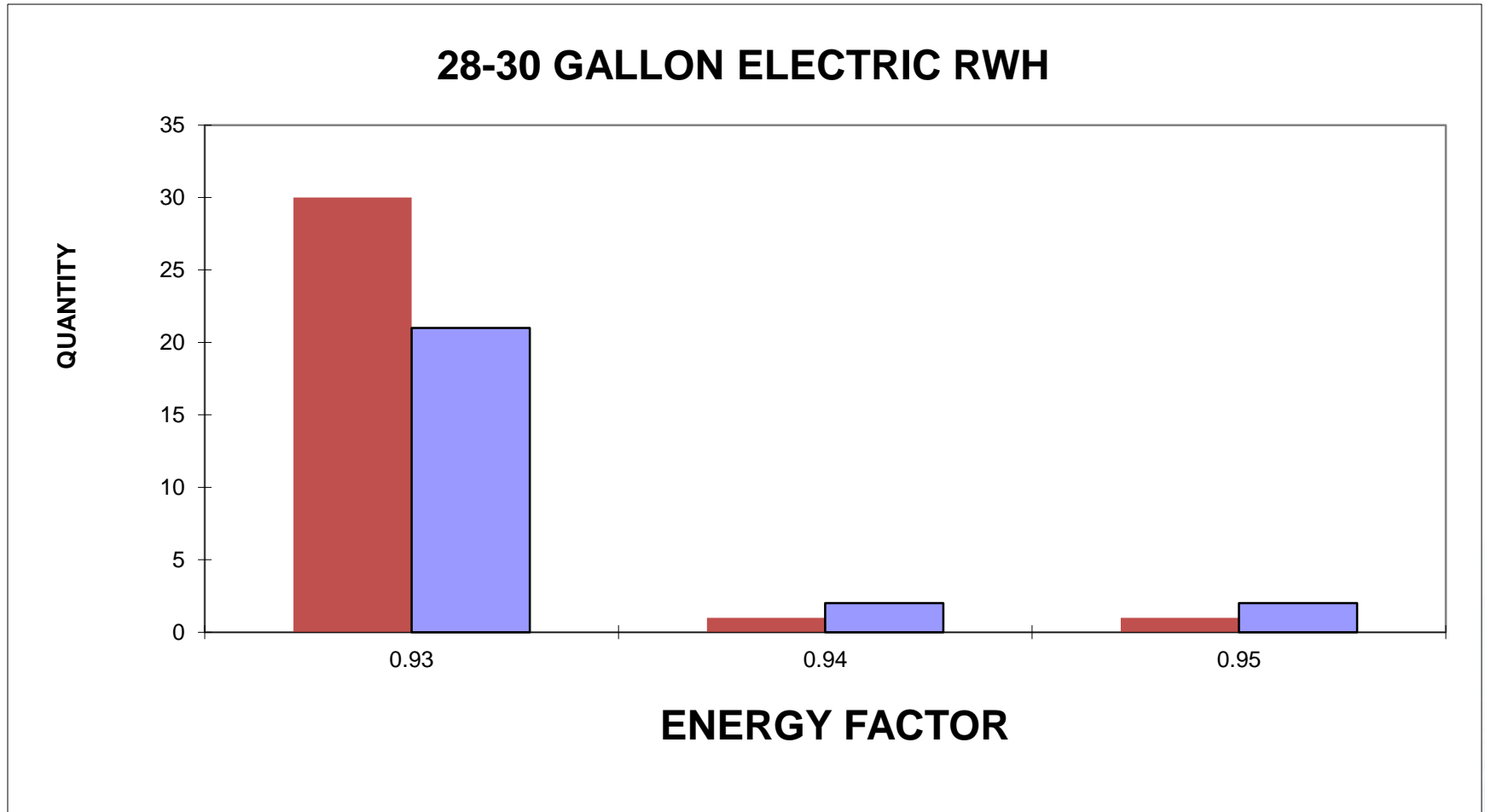
Model Availability by EF: Pre-2010 & 2015



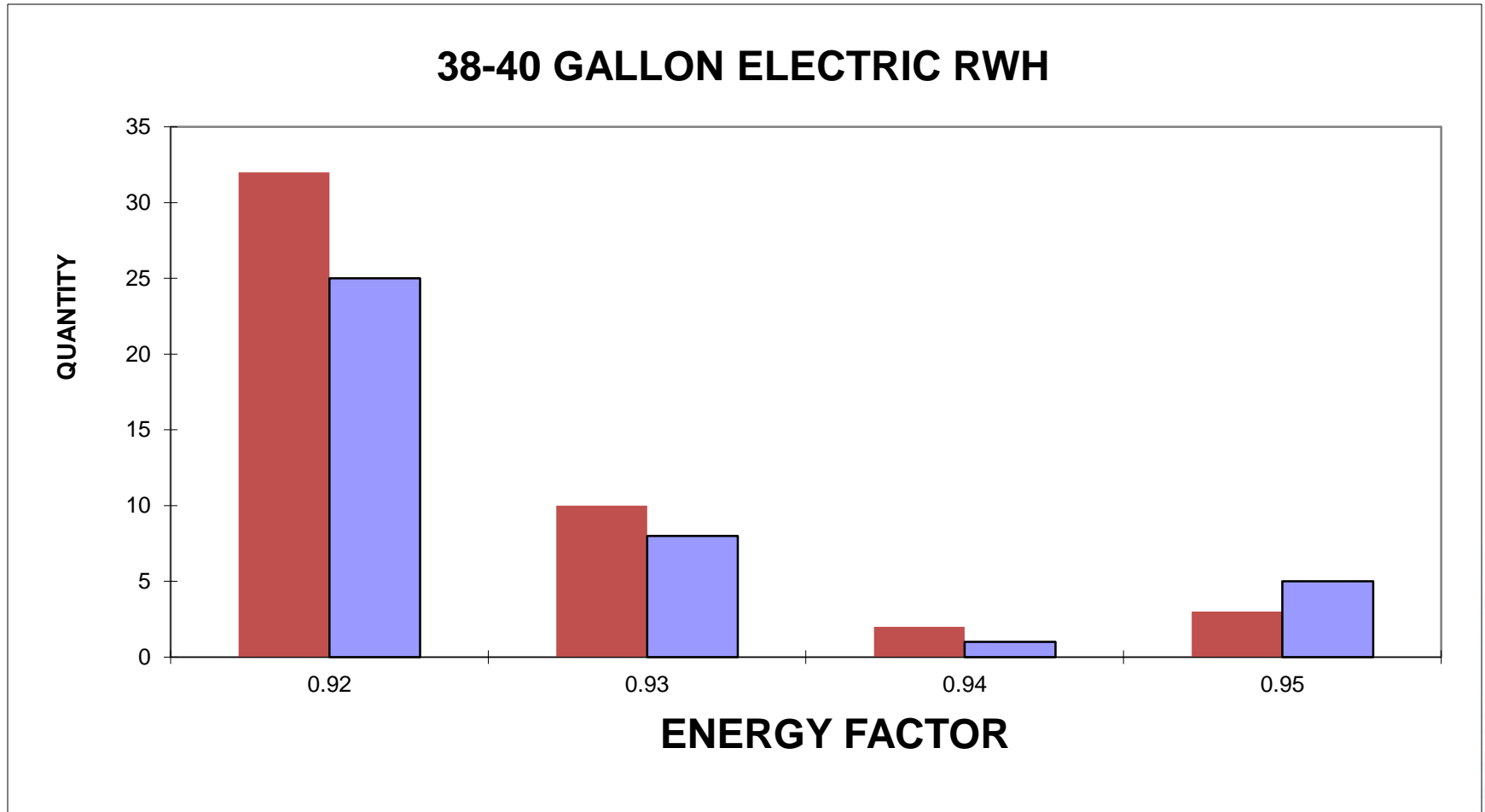
Model Availability by EF: Pre-2010 & 2015



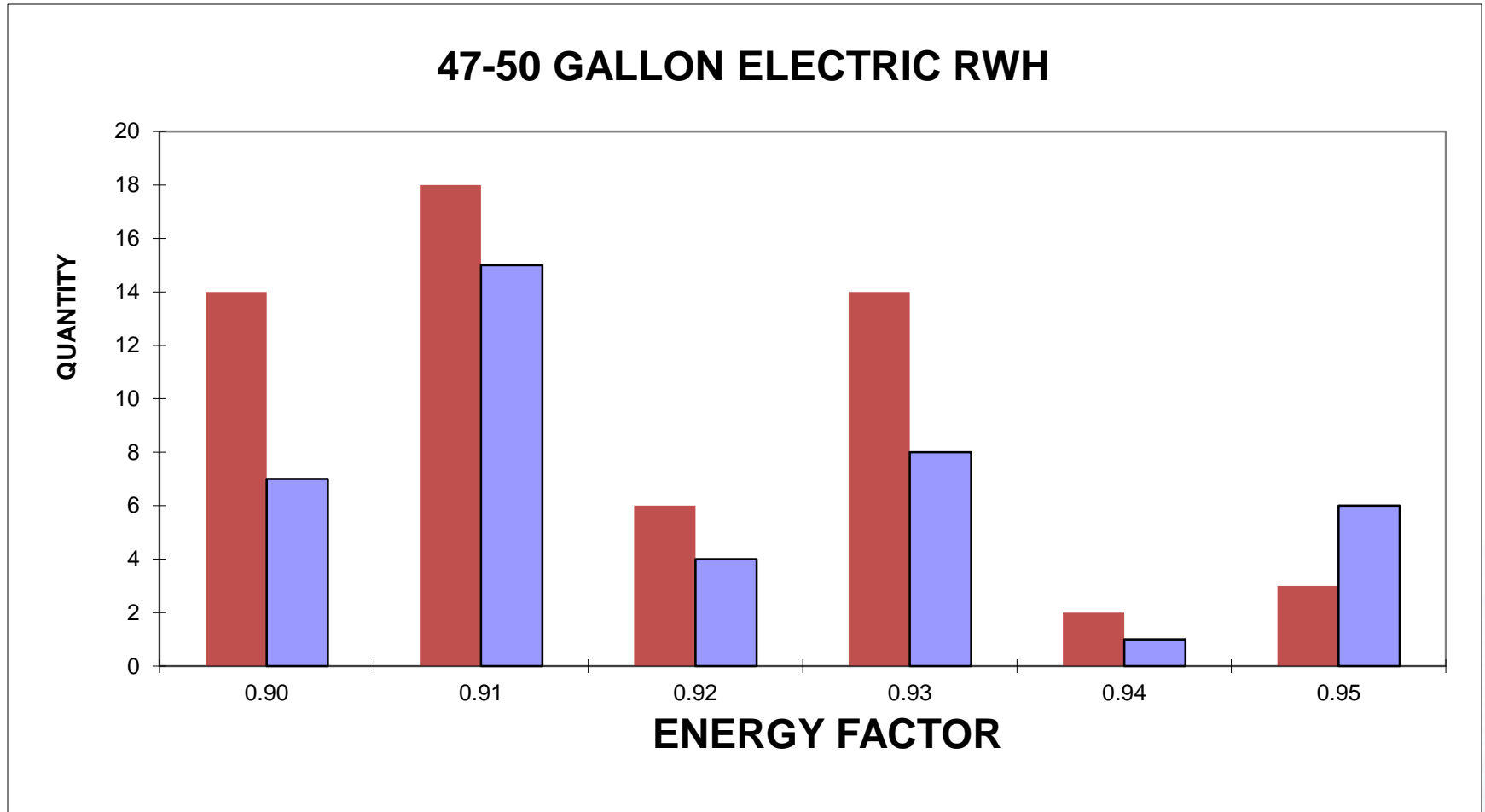
Model Availability by EF: Pre-2010 & 2015



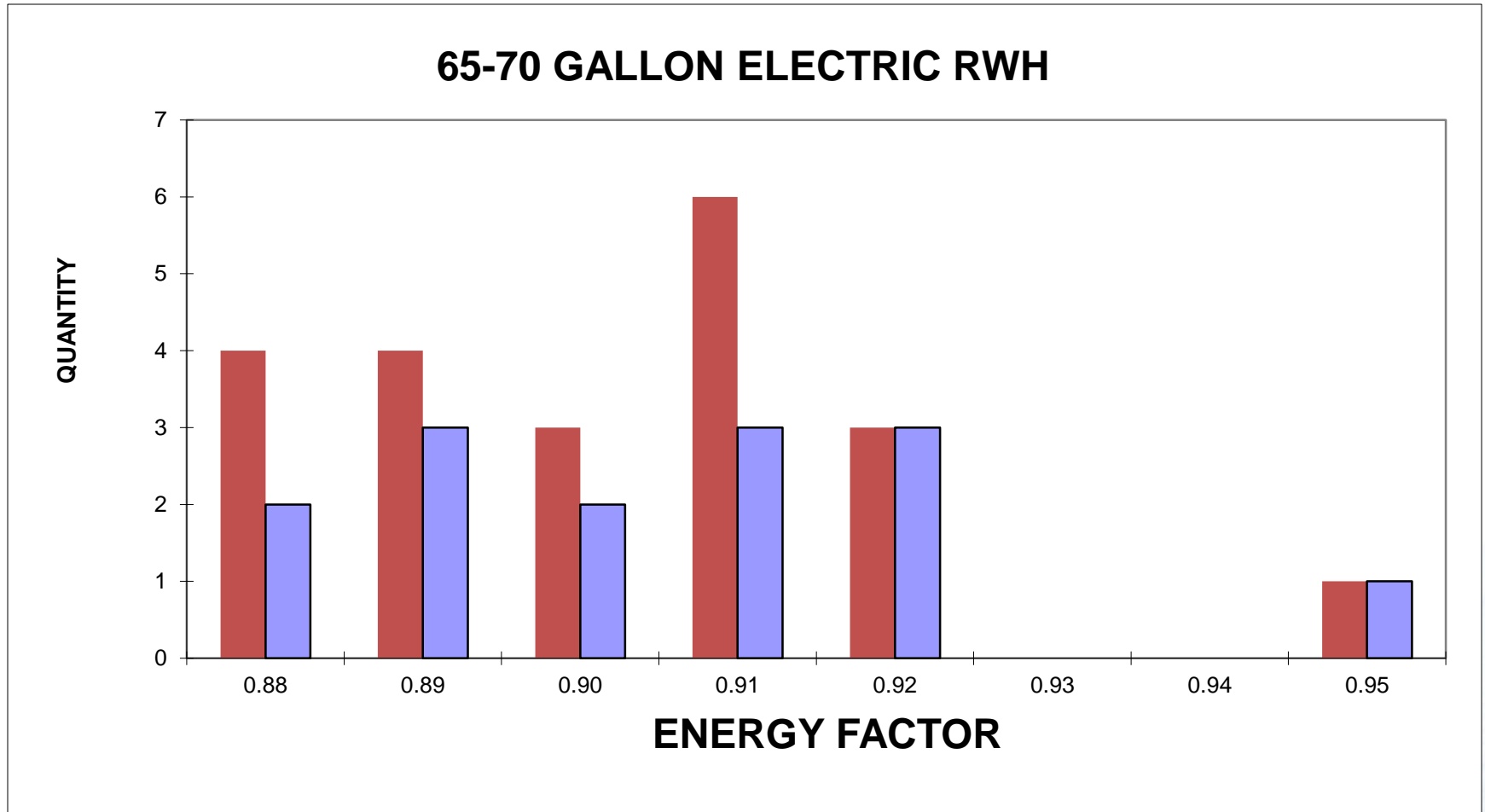
Model Availability by EF: Pre-2010 & 2015



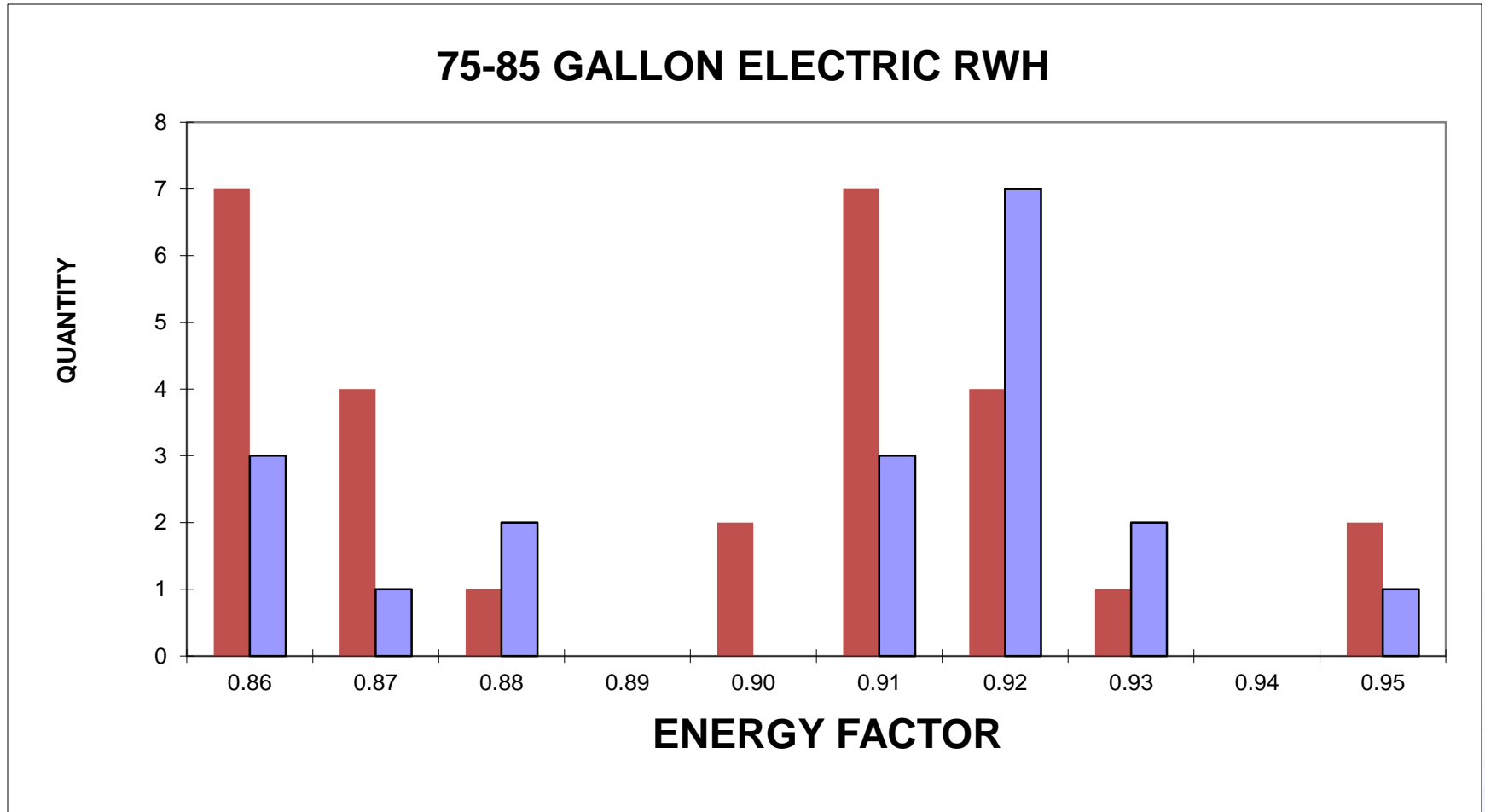
Model Availability by EF: Pre-2010 & 2015



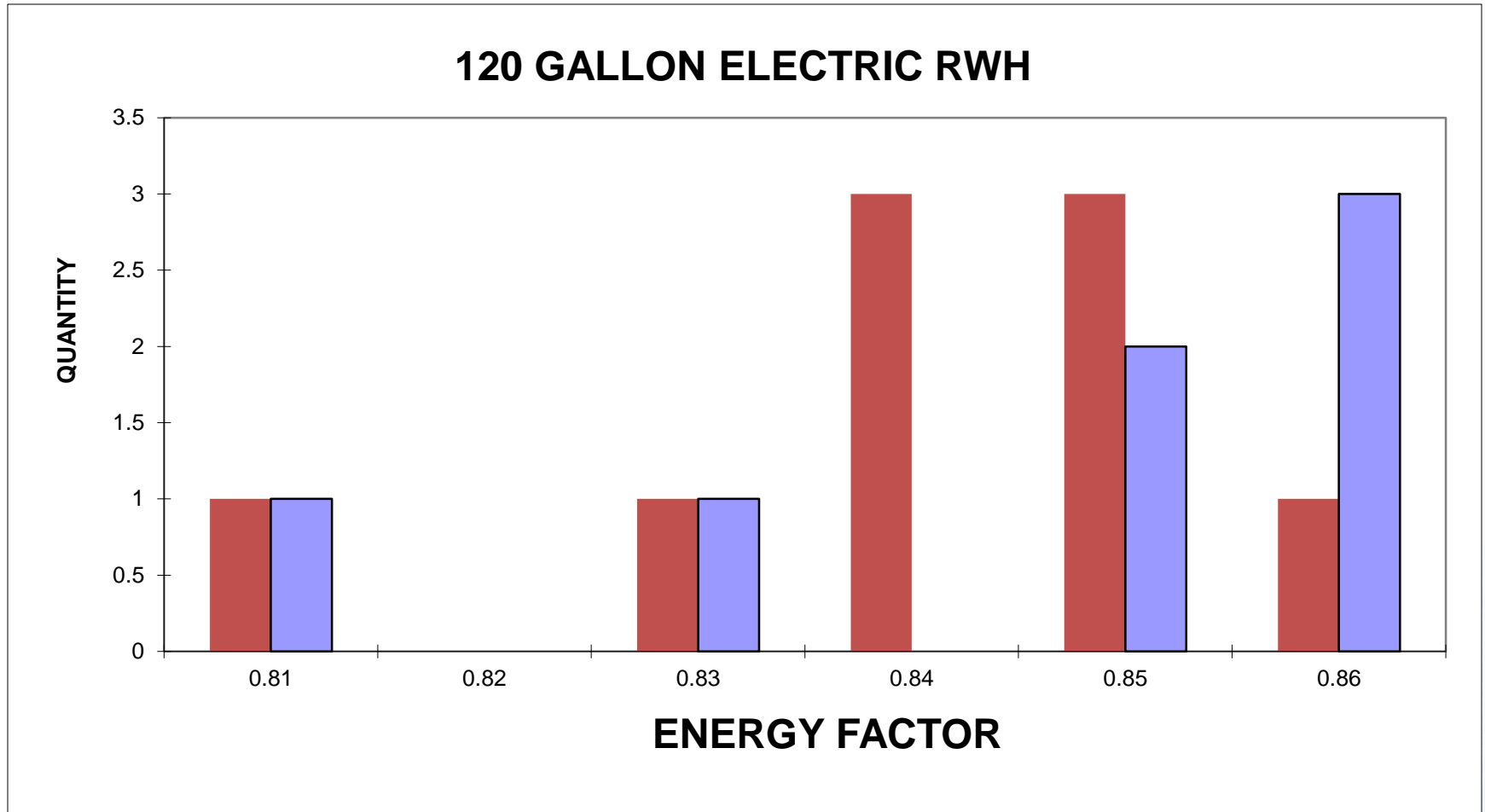
Model Availability by EF: Pre-2010 & 2015



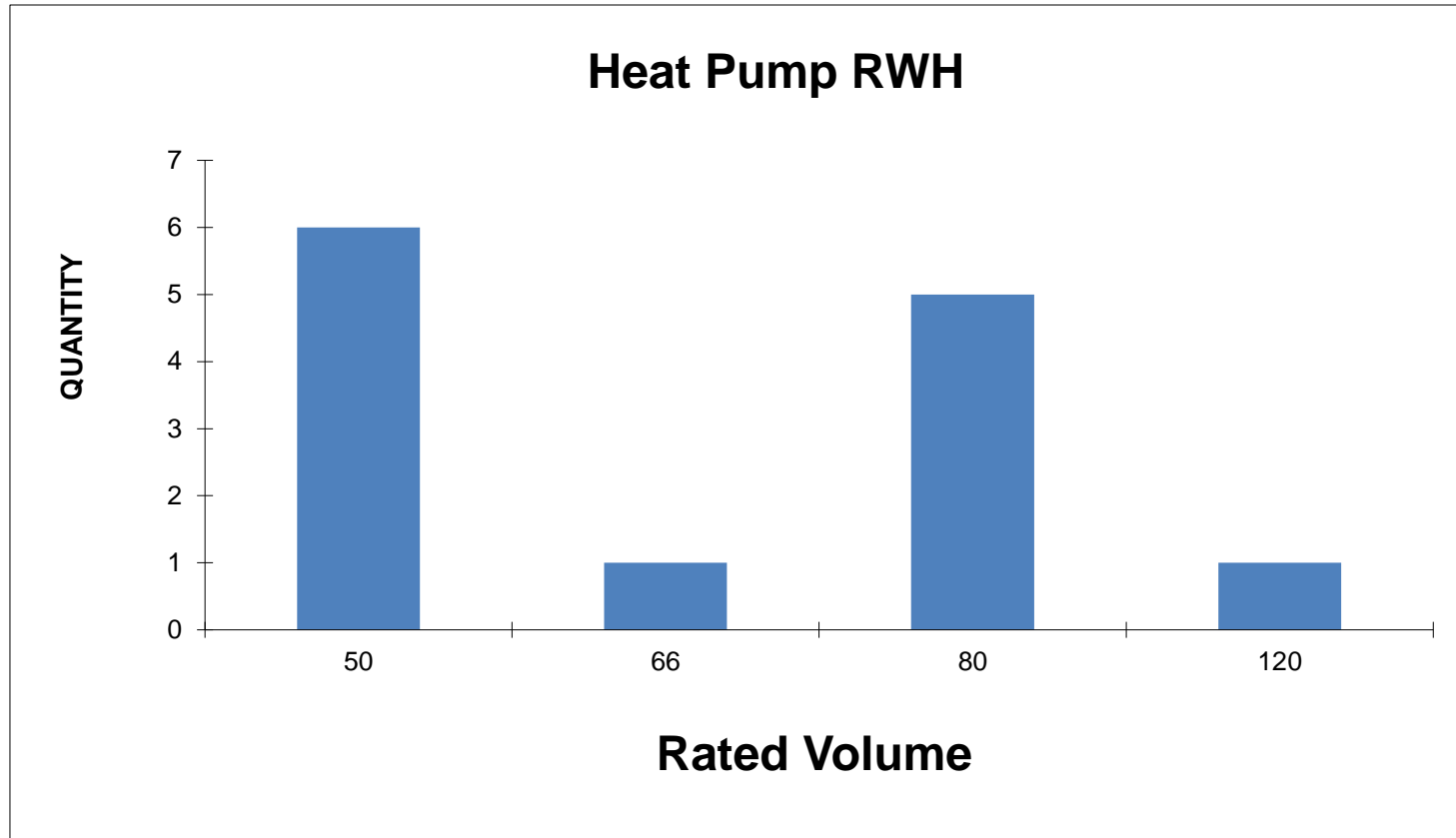
Model Availability by EF: Pre-2010 & 2015



Model Availability by EF: Pre-2010 & 2015



Heat Pump Model Availability 2015



Revised Residential Water Heater Standards

Industry Perspective

Typical product lines post April 2015

Gas storage – 30 G; 40 G; 50 G; tall and standard models, 65 G; 75 G; condensing design

Electric Storage – 30 G; 40 G; 50 G; tall and standard models low-boy (?)
65 G; 80 G; 100/120 G; heat pump design

Oil Storage – 30/32 G; 50 G

Gas Tankless – More Input Options < 200,000 Btu/h,
Larger Percentage of the market

Residential Duty Commercial Models

TEST PROCEDURE CHANGE

Models grouped by hot water delivery capability.

Different usage pattern for each group.

Uniform Energy Factors for each group can not be compared.

All models will need to be retested and minimum “EF” standards will be translated.