
Realistic Thermostat Energy Modeling Based on a Field Study

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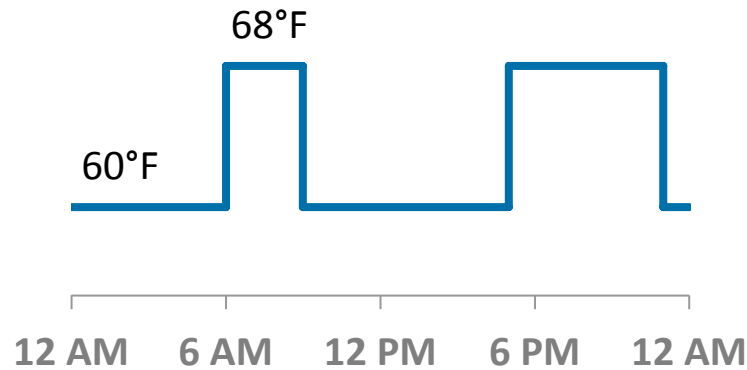
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BECC
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Sacramento, CA

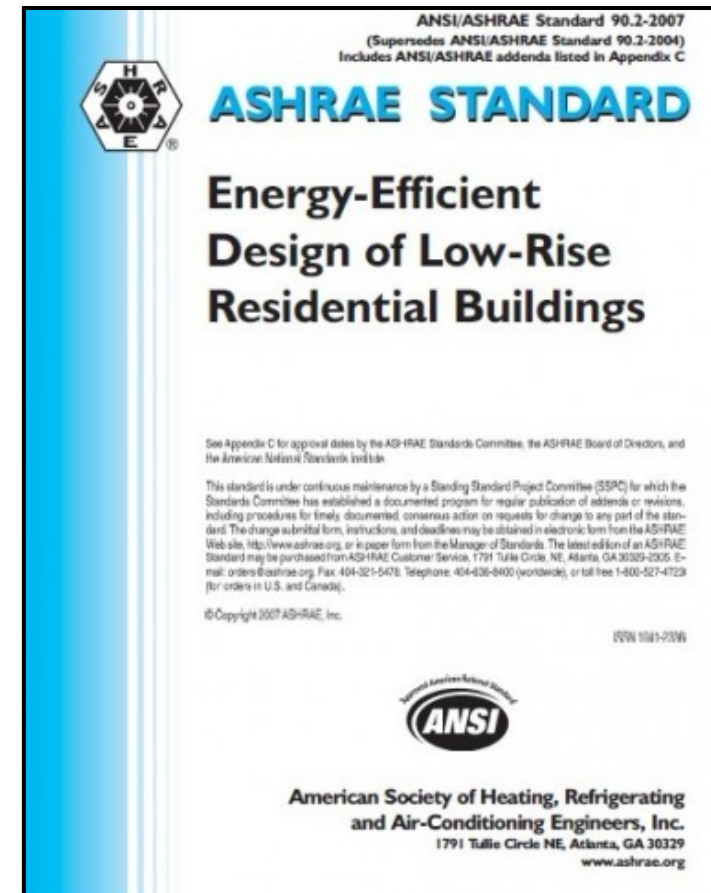
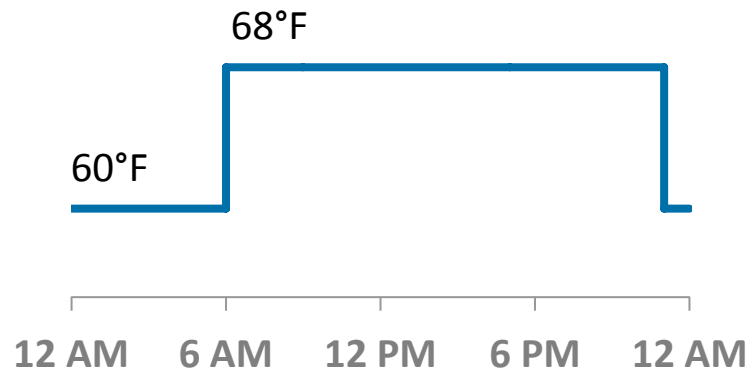


Standard Models for Programmable Thermostats

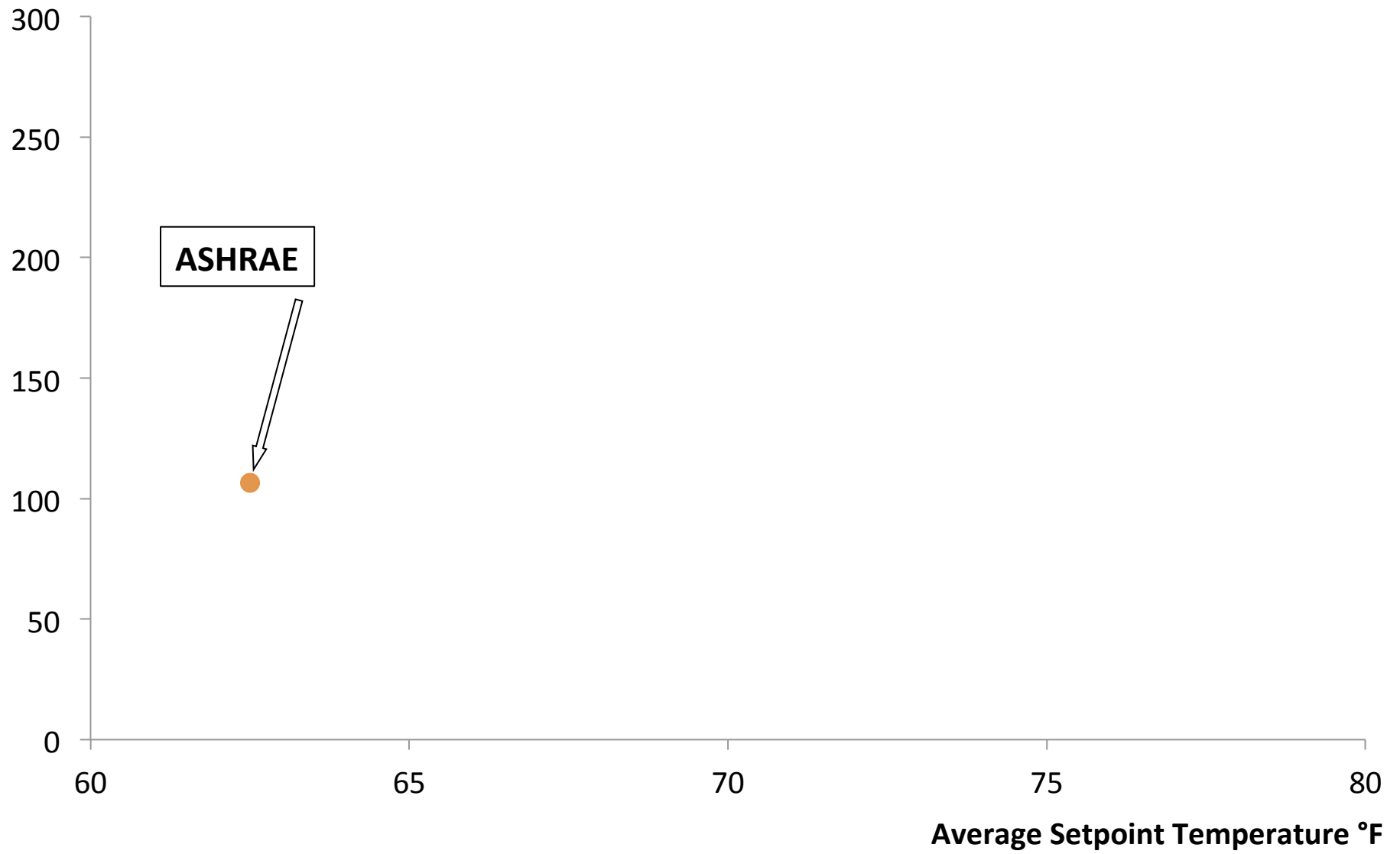
Sleeping Zone



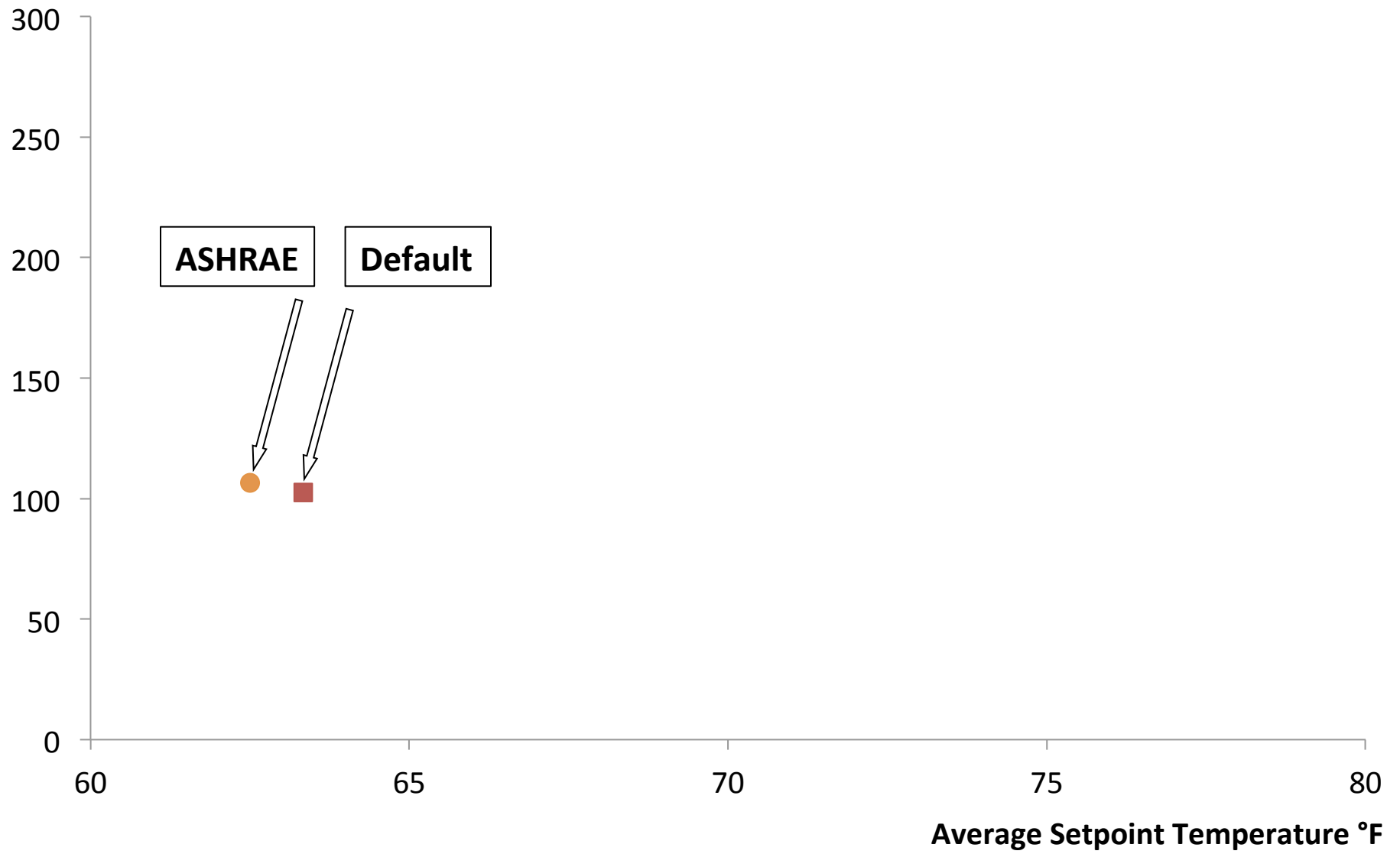
Single Zone or Living Zone



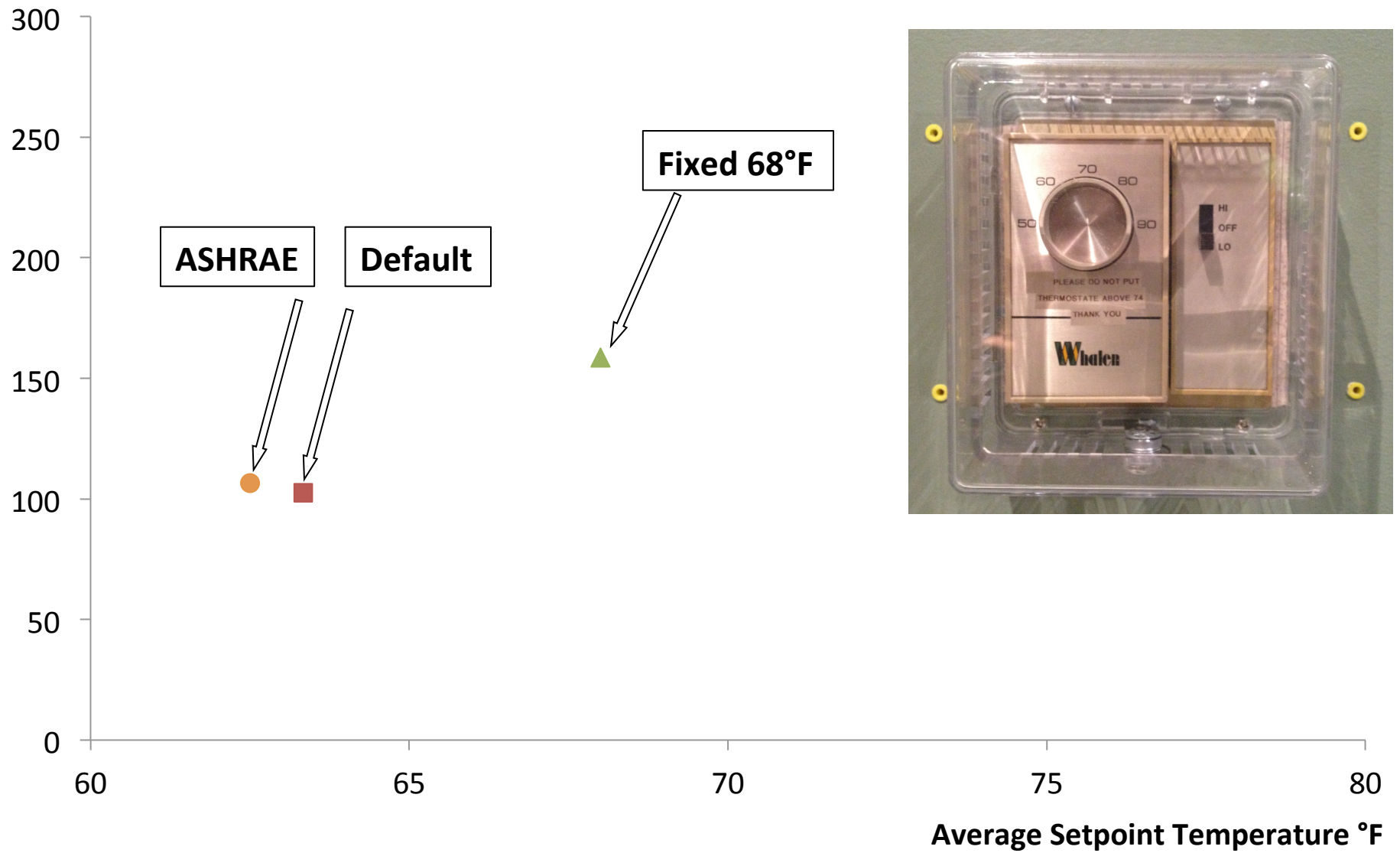
Simulated Heating Energy



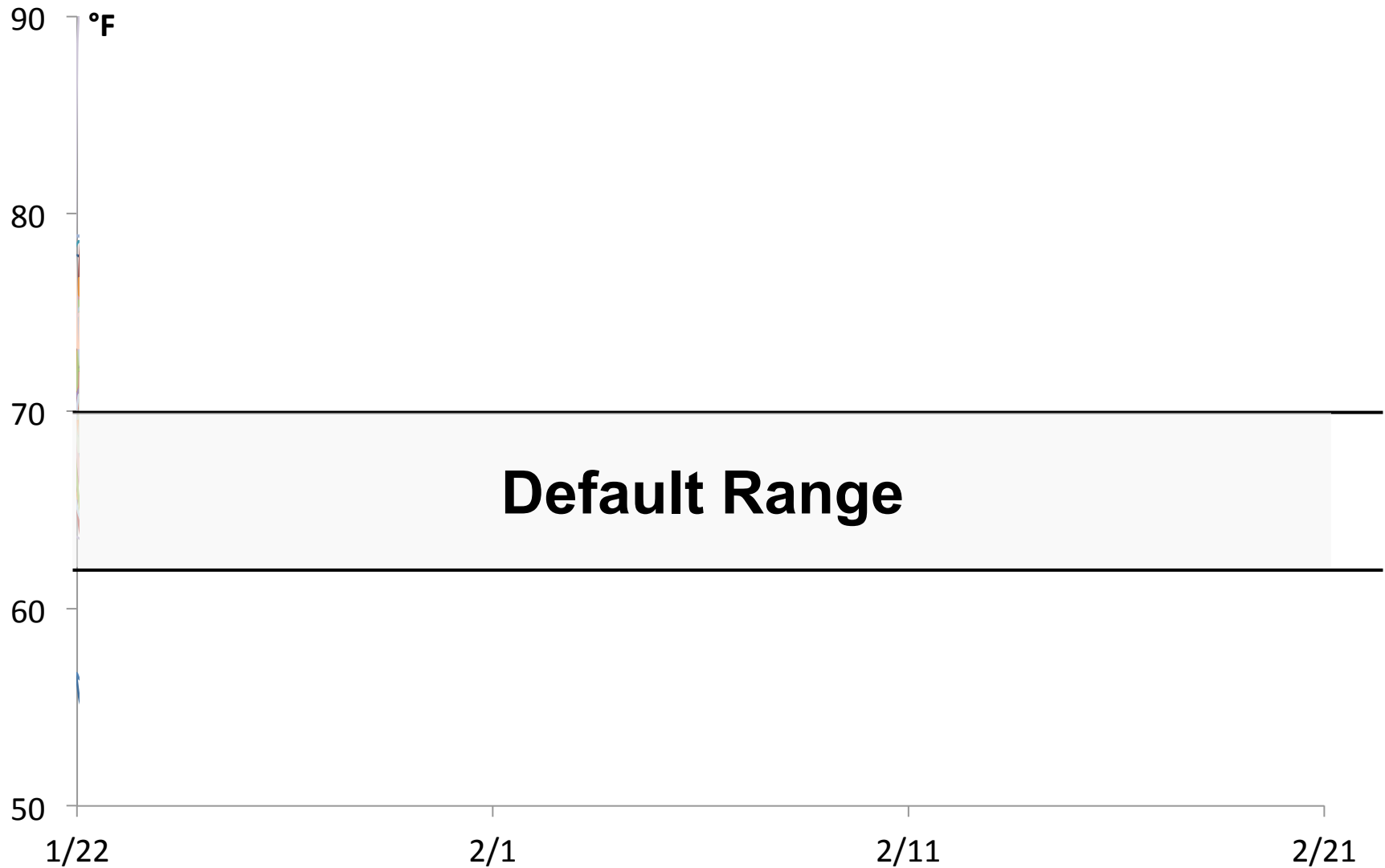
Simulated Heating Energy



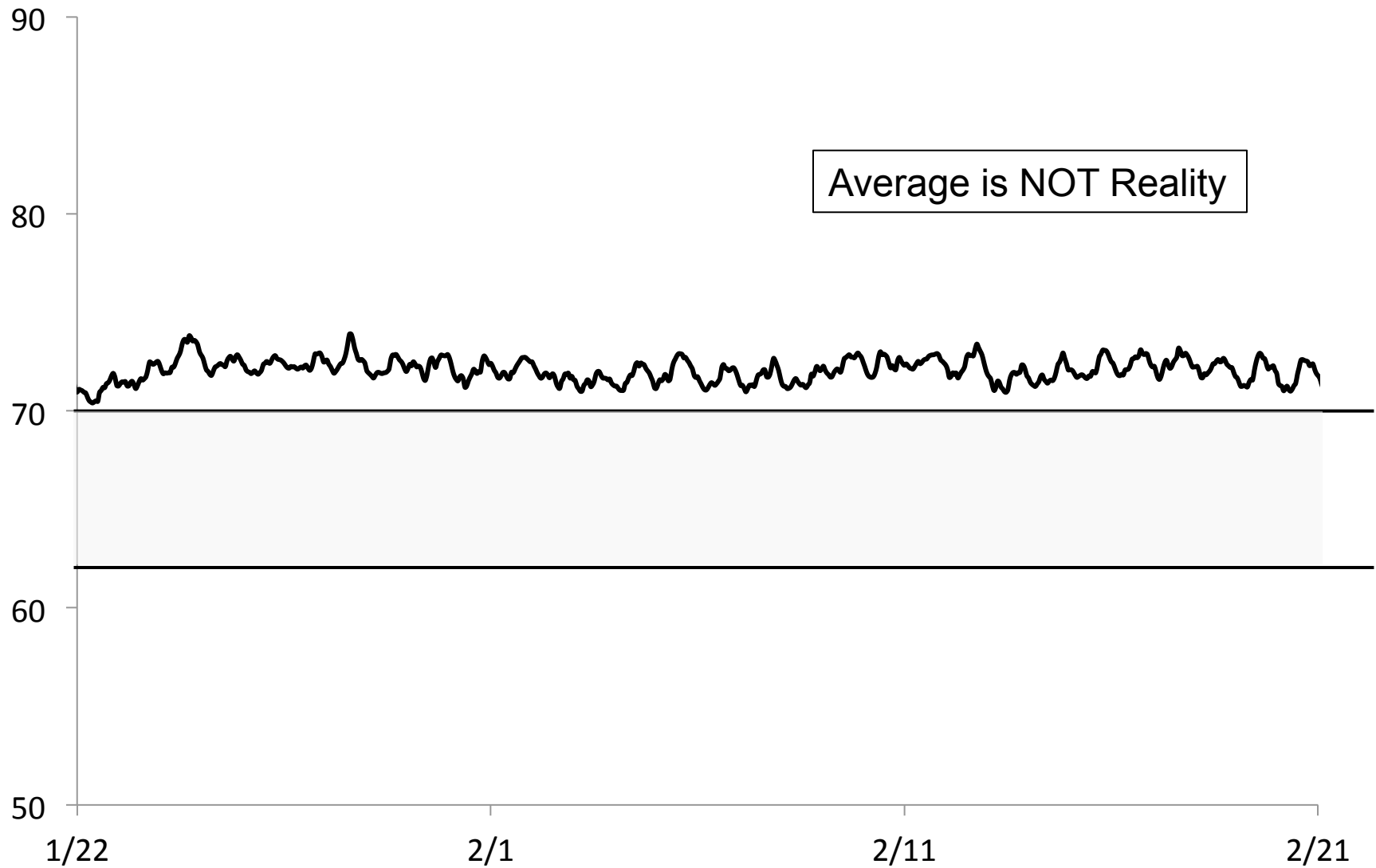
Simulated Heating Energy



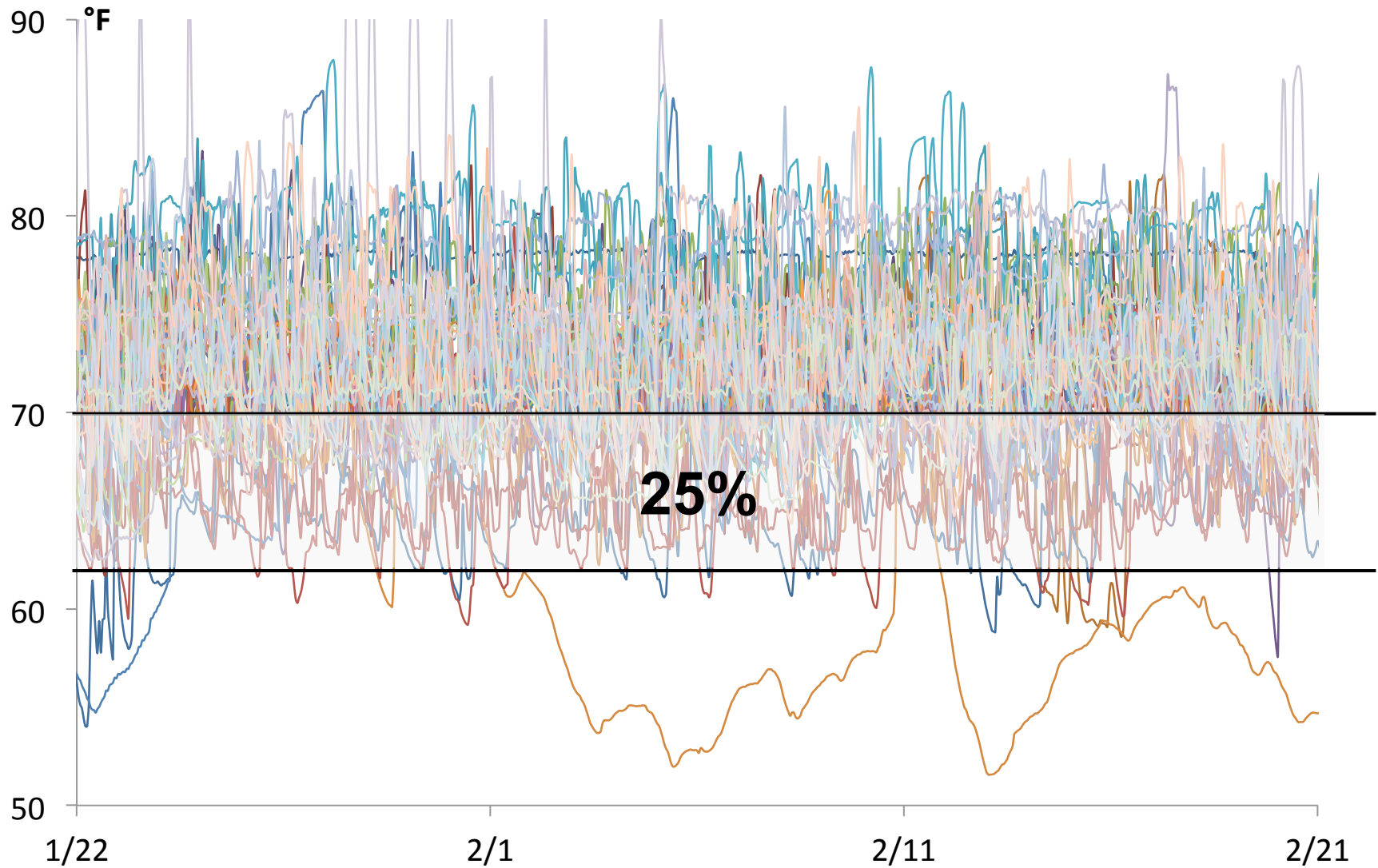
Measured Air Temperature (n=67)



Average Air Temperature over All Apartments

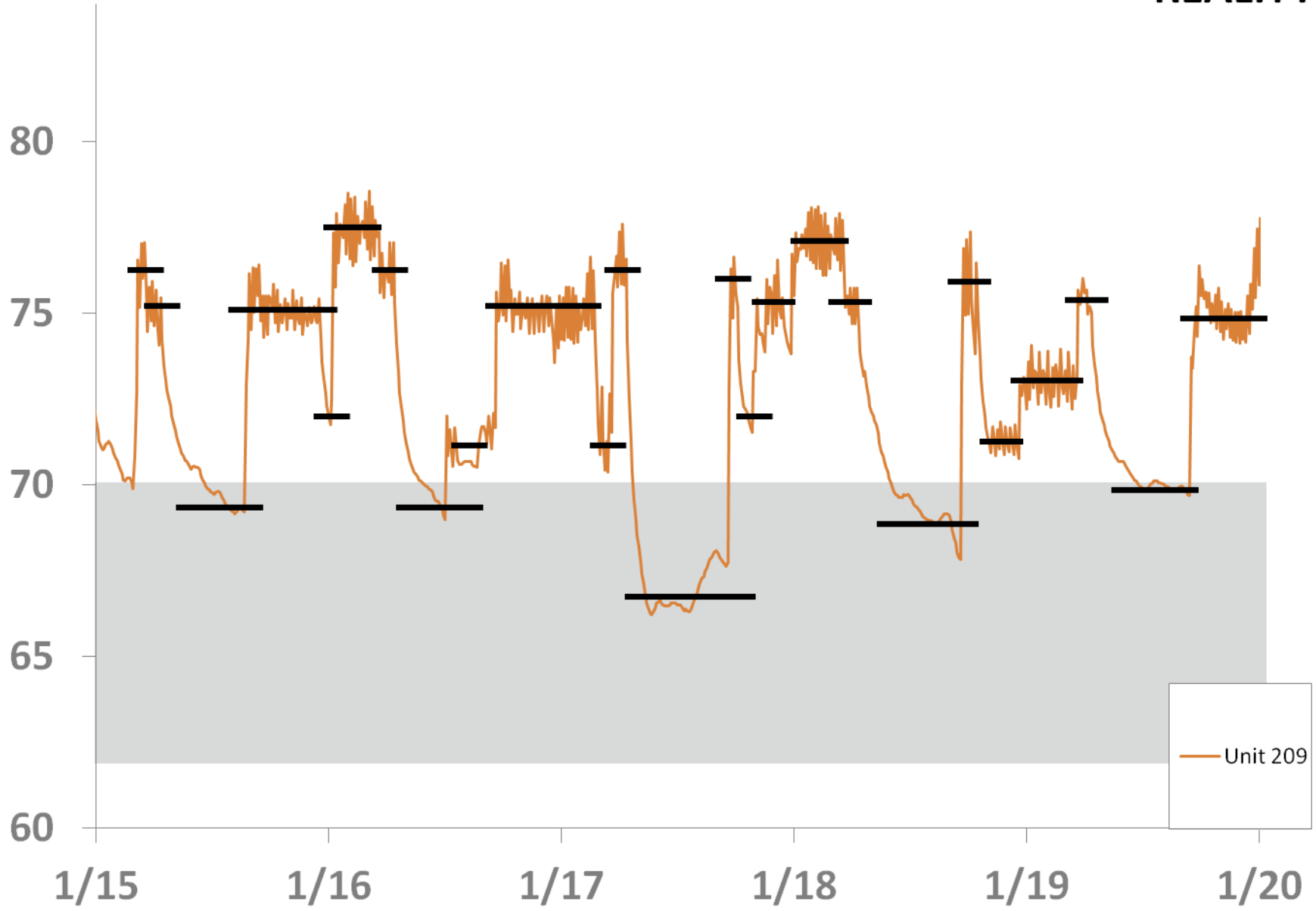


Measured Air Temperature (n=67)



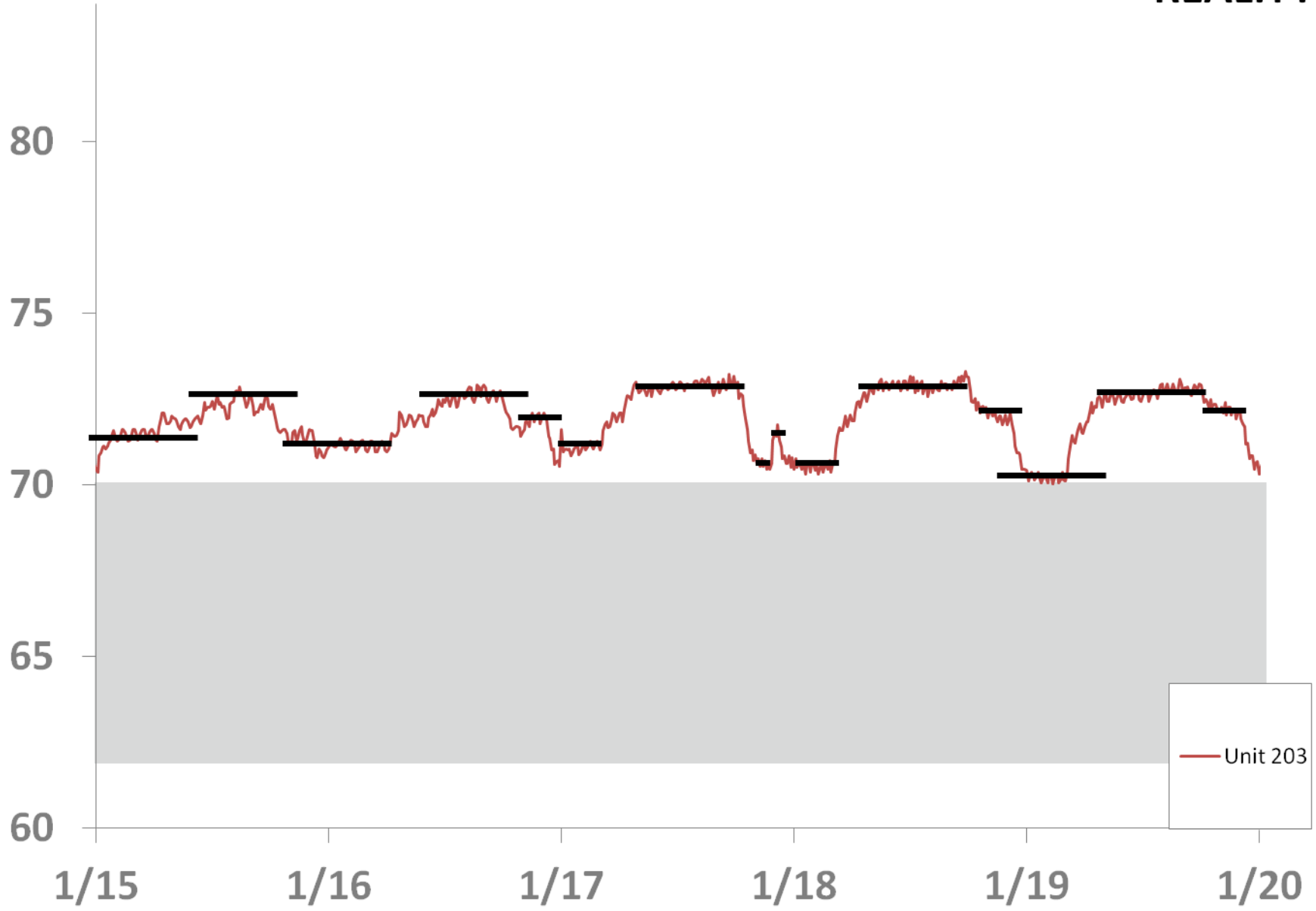
Air Temperature °F

REALITY



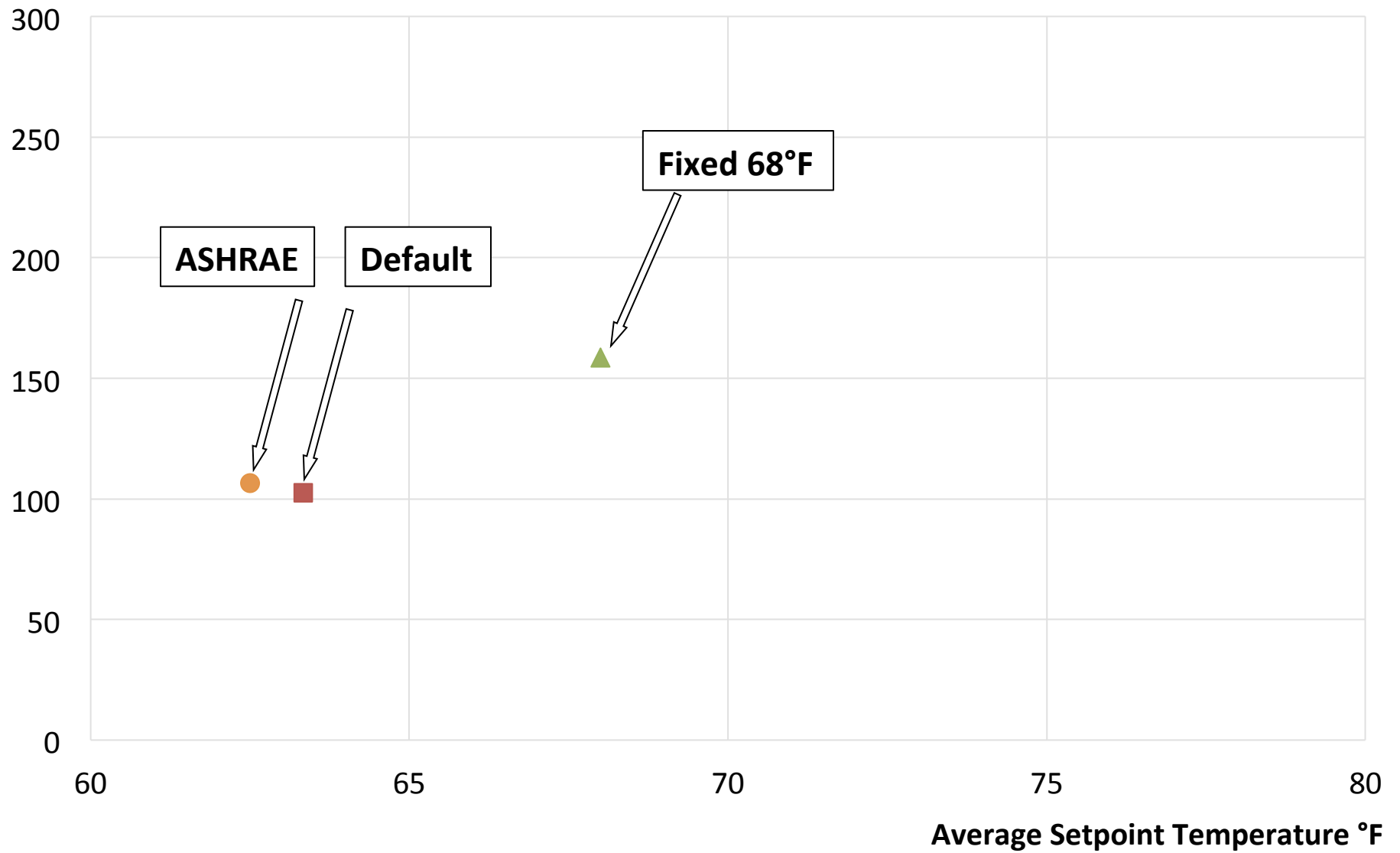
Air Temperature °F

REALITY

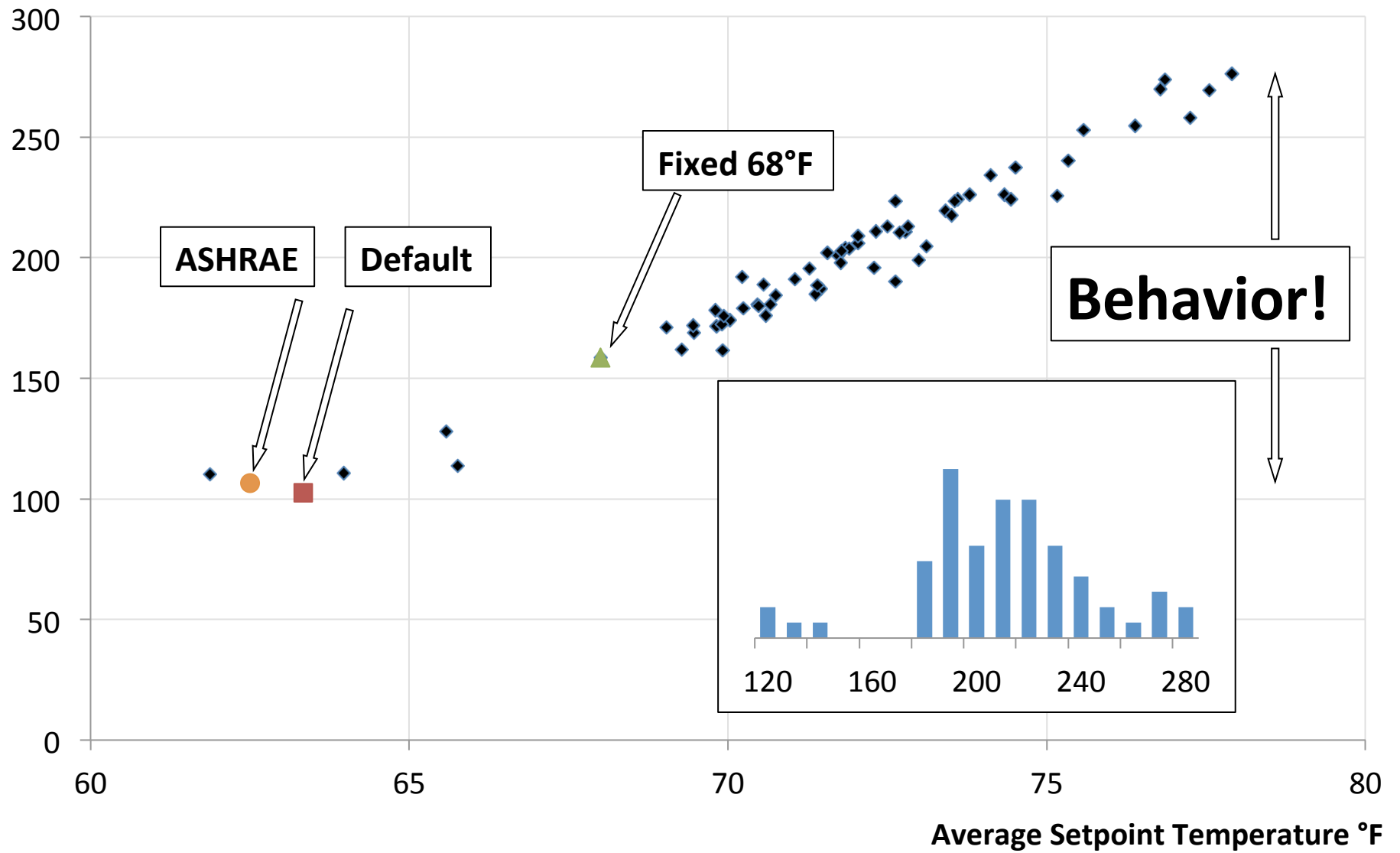


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Simulated Heating Energy



Simulated Heating Energy



Let's Work Together!

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