

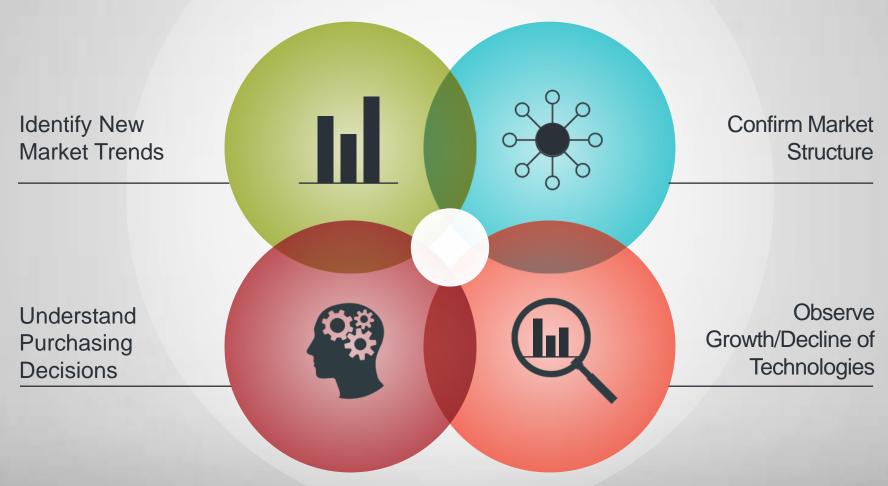
HVAC MARKET TRENDS

TWO RESEARCH ACTIVITIES



HVAC MARKET TRENDS

GOALS OF OUR STUDY



RESEARCH ACTIVITIES

AHR EXPO 2018



Largest HVAC Trade Show

Interviewed 11 Manufacturers

Attended 3 Learning Sessions

RESEARCH ACTIVITIES

MARKET ACTOR INTERVIEWS

11 Distributors & Manufacturer Reps

10 Contractors

5 Single-family Home Builders

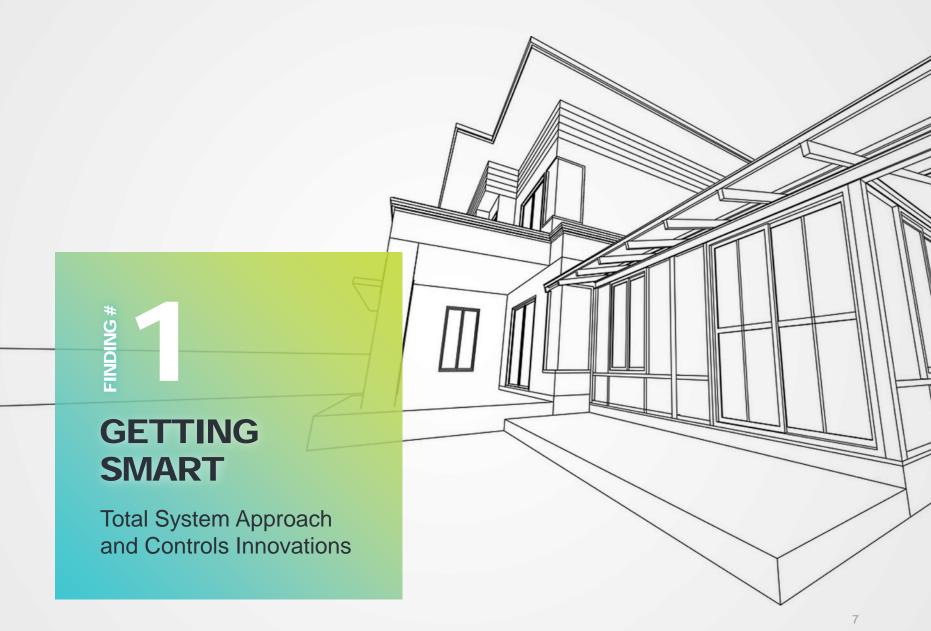
4 Manufactured Home Builders



30 TOTAL

HVAC MARKET MOVING TOWARD EFFICIENCY

A BALANCING ACT



MARKET ACTORS TAKING A TOTAL SYSTEM VIEW

TOTAL SYSTEM & SMART CONTROLS



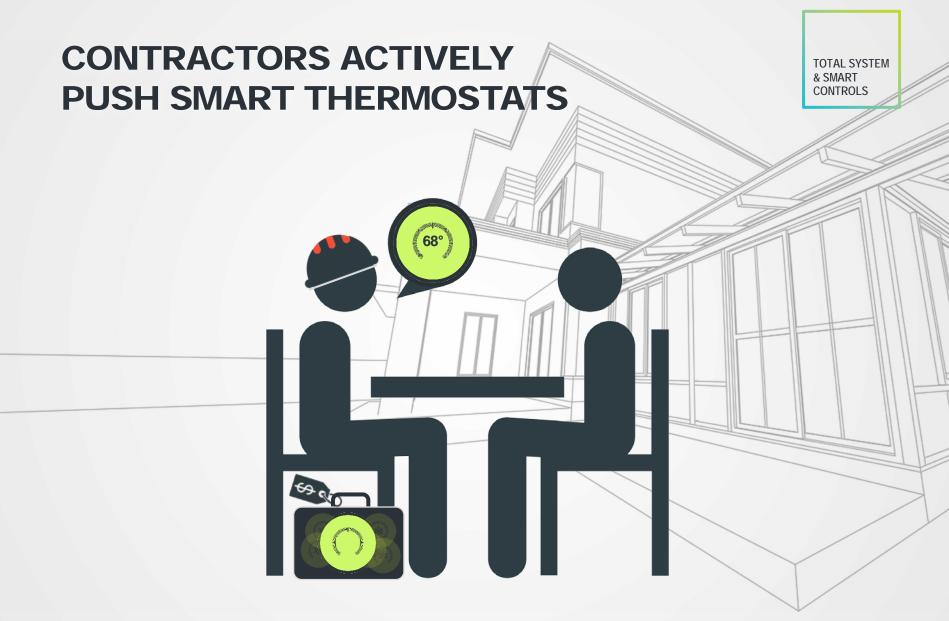




DISTRIBUTORS ARE NOW KEY PLAYERS IN REGION'S SMART THERMOSTAT GROWTH

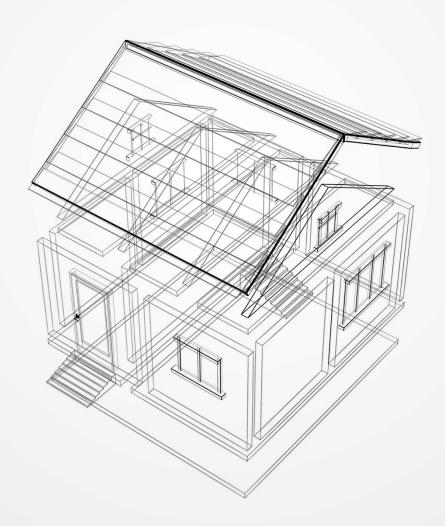
TOTAL SYSTEM & SMART CONTROLS





STRONG SMART THERMOSTAT GROWTH IN SINGLE FAMILY NEW CONSTRUCTION



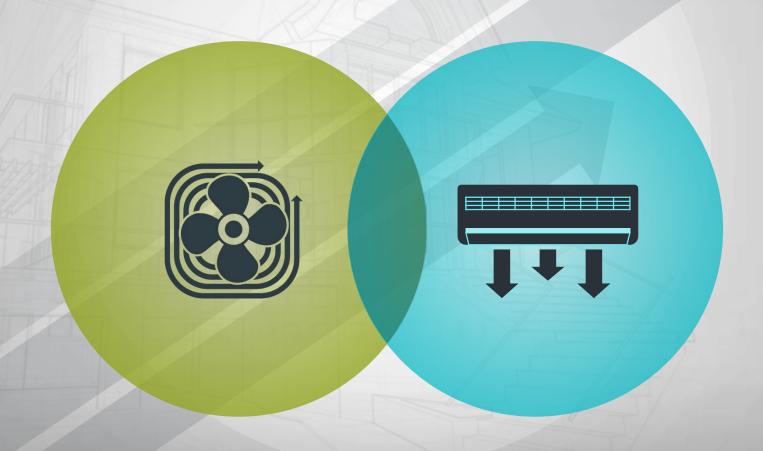






DUCTLESS TECHNOLOGY STILL GROWING ACROSS THE BOARD

INNOVATIONS IN EFFICIENCY



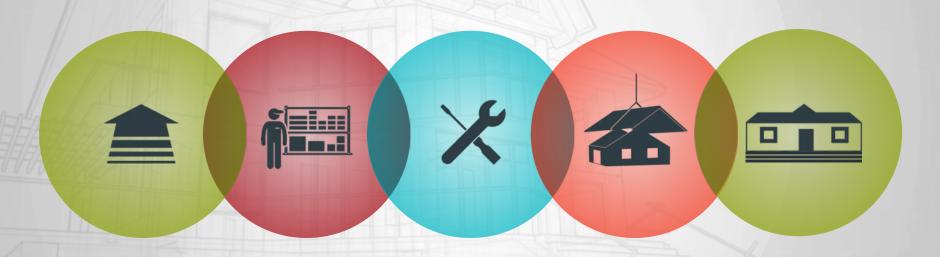
DUCTLESS HEAT PUMPS CONTINUE TO RISE IN POPULARITY IN THE NW











Manufacturers
Advance the
Technology

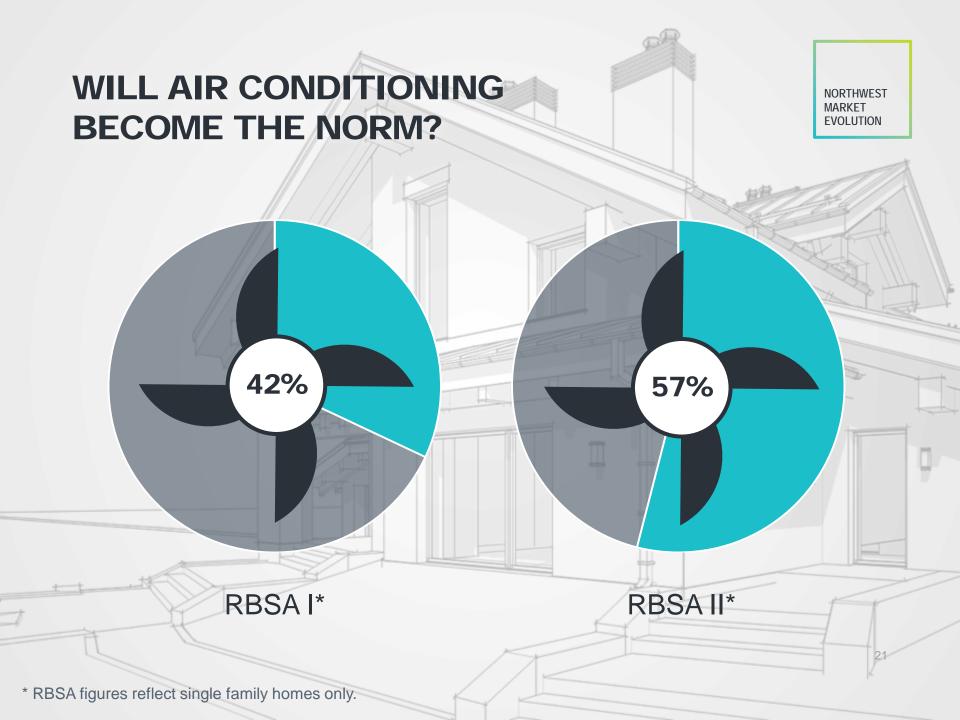
Distributors Well-Stocked Installers Actively Selling Common in New Single Family Homes Rarely Installed at Manufactured Home Factory

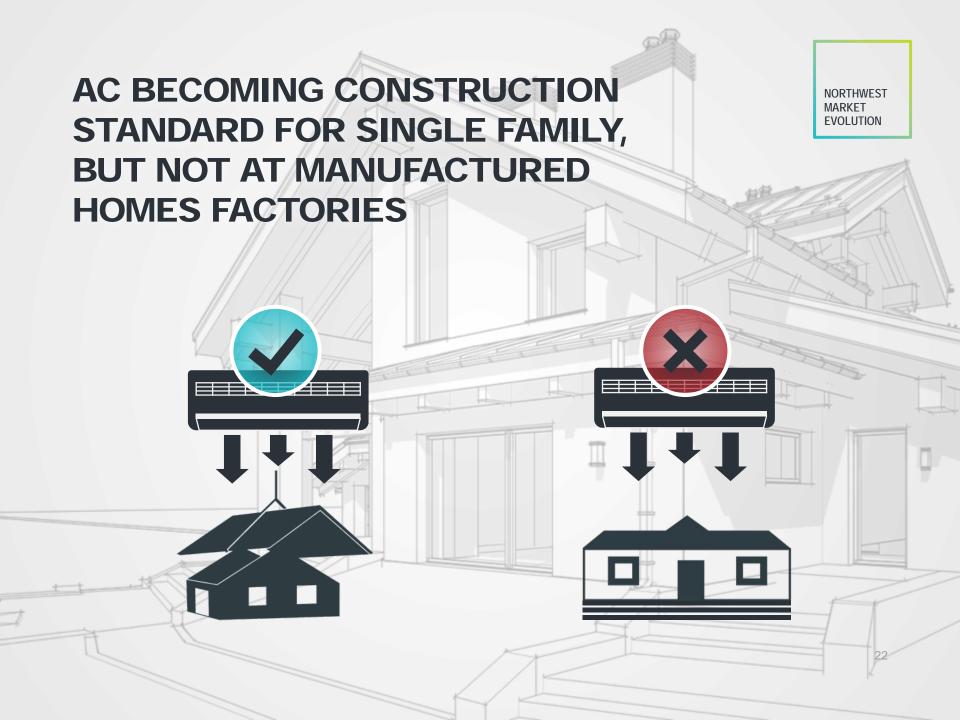
















Read more:

https://www.bpa.gov/EE/Utility/research-archive/Pages/hvac-market-research.aspx

NEXT STEPS

KEY TAKEAWAYS FOR OUR TEAM

Verify model inputs and results

Gather more information on key areas identified through interviews:

- 1. Growth in AC Penetration
- 2. Thermostat Savings
- 3. Manufactured Home Equipment



CONTACT

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