

Match Made in NYC: Choosing the Right Heat Pump for Your Building Course Outline

Chapter 1: Heat Pumps Explained

- Learn how heat pumps work and why they are more efficient than traditional fossil fuel systems.
- Explore the many benefits of heat pumps, including energy savings and carbon reduction.

Chapter 2: Heat Pumps for Space Heating & Cooling

- Explore various heat pump system types, including large split systems, small split systems, room systems, and rooftop systems.
- Review real-world examples of each system and the types of buildings best suited for them.
- Examine the pros and cons of different heat pump systems including efficiency, cost, refrigerant leaks, availability, installation, and serviceability.
- Consider how the characteristics of each system relate to the unique needs of your building.

Chapter 3: Heat Pump Water Heating

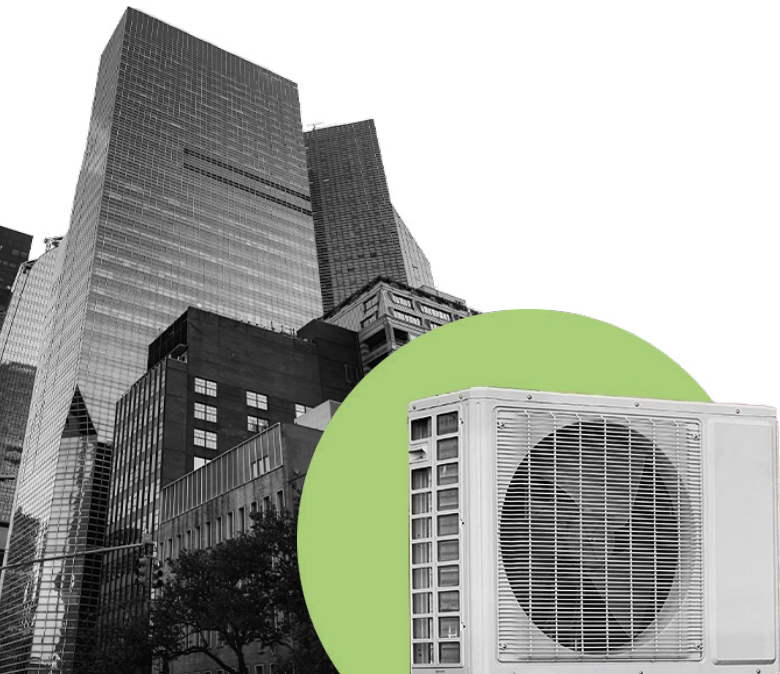
- Explore the key components in a heat pump water heater and the differences between unitary and decoupled systems.
- Understand the pros and cons of HPWH systems as they relate to efficiency, sizing, storage, and recovery.
- Review important retrofit tips to ensure performance of your HPWH system.

Chapter 4: Next Steps for Your Building

- Consider common heat pump questions and concerns regarding envelope and electrical upgrades, partial electrification, the need for backup heat, and cost considerations.

Your Action Plan

- Develop an action plan of your next steps for transitioning from fossil fuel systems to heat pumps, including building-specific considerations.
- Review additional resources that can support your building's transition.



96%

of respondents found the course content current & relevant

Special Thank You

This training was developed in partnership with the Syracuse Center of Excellence and is currently subsidized by the New York State Research and Development Authority.


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Environmental & Energy Systems

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