



# HEAT PUMP APPLICATIONS & BENEFITS



# AGENDA

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- What is a heat pump?
- Types of heat pumps
- Benefits of heat pumps

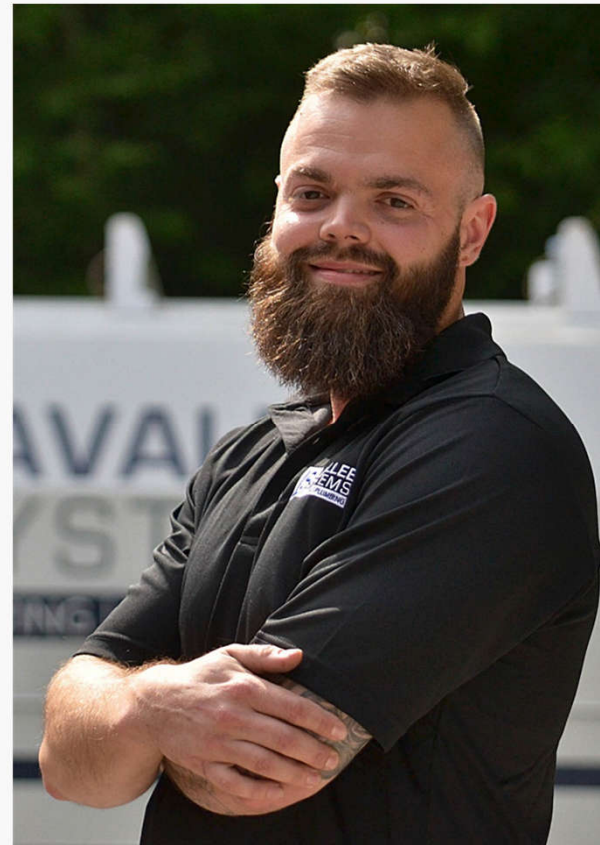
Presented by...

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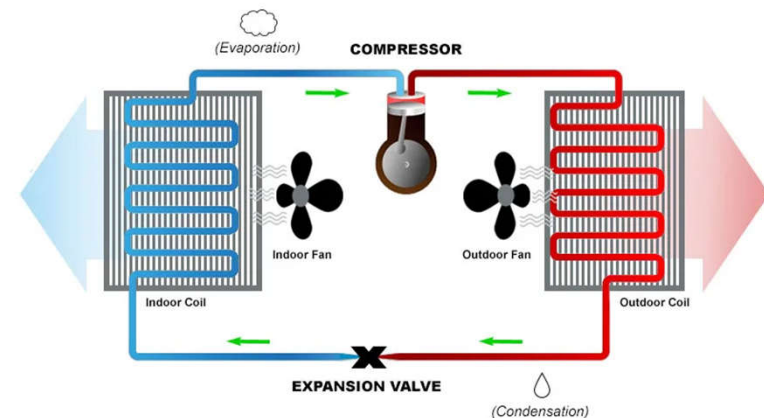


# WHAT IS A HEAT PUMP?

# What is a heat pump?

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- Air conditioning system that runs in reverse
- All electric, no emissions
- Sustainable, environmentally friendly heating



# COMMON HEAT PUMP APPLICATIONS

# Common Heat Pump Applications

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- Supplemental
- Spot heating/cooling
- Whole home heating/cooling



# DIFFERENT TYPES OF HEAT PUMPS



# Different Types of Heat Pumps

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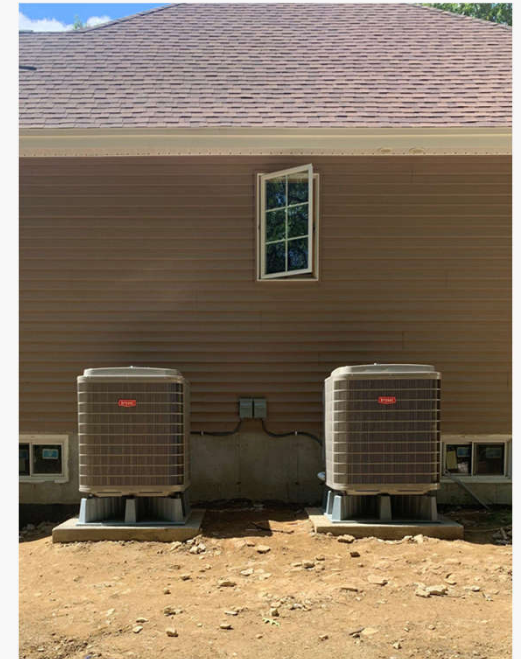
**Ductless**



**Ducted**



**Unitary**



# MAXIMIZING ENERGY BENEFIT

# Maximizing Energy Benefit

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- Reducing loads
- Solar
- Minimizing Temperature Swings
- Maintenance – Hard Work = More Energy!



# ZONING FOR EFFICIENCY AND COMFORT

# Zoning for Efficiency and Comfort

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- Smaller zones = better temperature control
- Smaller systems = less energy
- Energy savings for non-occupied areas





ANY QUESTIONS?