The Perfect Storm for New Home Construction

The Convergence of MA Energy Code, Air Source Heat Pump Technology, and Utility & Govt. Incentives
Installation Options
Flexible Air Flow Setting

- 5 air flow directions
- Auto vertical swing air flow direction
- 4 fan speeds and auto fan mode
Compact Ducted System
Matching Loads by Room
Colonial - First Floor

- 9k 1:1 head to provide low-load heating and cooling.
- 6k Indoor head.
- Jumper duct or transfer grill. Option to install supply line from master suite above.
- Exhaust fan running at 30-40 cfm to meet ventilation code.
Colonial – Second Floor

Two PEAD 12 units to serve Master Suite and Upstairs Bedrooms.
Basement Wall insulated w/ Indoor Unit & HP Water Heater
Ventilation & Air Circulation

- Heat Recovery Ventilation Systems
- Bathroom Exhaust Fans
- Wall Transfer Fans
- Ducted Fans
Factors That Make it Work

- Homes That are 3ACH50 or Less
- Mechanical Ventilation
- Technology Improvements
- Informed Home Buyers