

# HEAT PUMP & WEATHERIZATION CASE STUDY

## Dale from Wilmington



When Dale and his family moved into their new home in October, they were looking to put in a central air unit. After getting quotes from contractors, it was just not in their budget. In December, Energy New England came and did an in-home energy efficiency analysis which is when Dale learned about RMLD's Heat Pump and Weatherization Rebate Program.

Although electricity rates are increasing, Dale said, **“oil prices are insane, so the intent was to limit the amount of oil we use”** as well as to avoid using inefficient window units. It should be noted that electricity prices through RMLD are much less expensive than his previous town who are covered by a large electric company such as Eversource or National Grid. Dale said his electricity bill decreased by almost half after moving to Wilmington! With this information, installing a heat pump for their heating and cooling needs seemed to be the most affordable option.

Dale began his research by looking through makes and models suggested to him by Abode Energy Management. Abode partners with RMLD and takes care of the quality assurance needed for RMLD customers to qualify for the rebate. Dale decided on a system that was “pre-charged” meaning that the chemicals needed for cooling were already in the system. This also meant that he was able to install the system himself, removing the added cost of hiring a contractor. Dale notes though that he is very handy with DIY projects, and that installing a heat pump is a task only for those who are well experienced with at home projects like this. He doesn't suggest someone with little to no experience taking this on as there are lots of steps that must be followed and a fair amount of physical labor. By the end, Dale was able install heating and cooling with his heat pump and replace his electrical panel all at a price less than what it would have cost to just buy a central air unit.

As his own contractor, Dale had to do the entire rebate process himself which he found **“very easy.”** The paperwork provided by Abode was very straight forward once he knew what he was looking for. When he needed help with anything, he went straight to them. **“The Abode team was awesome, and RMLD was awesome too with any questions I had.”** Dale's advice is to do a lot of research beforehand and pay attention to details. Small, but important, steps could be missed otherwise.

Dale's entire home's heating and cooling is now covered by his heat pump with vents in his master bedroom, child's bedroom, and living room. With no issues thus far, he says him and his family are **“happy as can be.”**

For more information on RMLD's Heat Pump & Weatherization Rebate Program, scan the QR Code below.

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### RMLD INCENTIVE

\$2,250

\$1,000/TON SYSTEM

### UPFRONT COST

SINGLE ROOM:

\$8K-12K

FLOOR OF A HOUSE:

\$12K-18K

WHOLE HOUSE:

\$22K-36K+

\*THESE ESTIMATES ARE BASED  
ON CUSTOMER EXPERIENCE AND  
MAY VARY CASE TO CASE

### ESTIMATED SAVINGS

PER YEAR

\$798

7,740 LBS

CO<sub>2</sub>

EQUIVALENT TO  
395 GALLONS OF  
GAS BURNED BY  
A CAR

PER LIFETIME

(18 YEARS)

\$14,357

139,500 LBS

CO<sub>2</sub>

EQUIVALENT TO  
7,117 GALLONS  
OF GAS BURNED  
BY A CAR

