Air Source Heat Pumps

WHY?

Air source heat pumps, also called mini-splits, are extremely efficient systems providing indoor heating and cooling for all-year comfort. They are easy to install in existing homes, operate quietly and provide an immediate reduction in your home's carbon footprint. Homeowners that install solar panels along with heat pumps can reduce their greenhouse emissions from heating and cooling to zero.

Wall mounted

Floor standing

Ceiling recessed

BENEFITS

Environmental

- Carbon output is reduced by an average of 60% when oil boilers are replaced by heat pumps and 42% when natural gas furnaces or boilers are converted.
- Ductless heat pumps avoid the loss of moving forced air heating or cooling through ducts. This leakage can be up to 30% of the energy produced.
- Transitioning from carbon-based home heating fuel (oil or natural gas) to Marblehead Municipal Light Department provided electricity yields 46% carbon savings (in addition to the efficiency savings). These savings will increase over time as MMLD moves to greener sources of electricity.

Financial

- Customers that convert to heat pump systems can save 30 to 40% in their energy bills
- Each indoor unit can be operated separately. Therefore, only rooms that are occupied need to be heated or cooled.
- Rebates and zero interest loans are available to offset the cost of installation.

Versatility

- Today's heat pumps operate at outdoor temperatures as low as 20F below.
- They provide indoor cooling during the summer months.
- There are a variety of styles to choose from: wall mounted, floor standing or ceiling recessed.

Air Source Heat Pumps

INSTALLERS

Earthtech Systems, 978-771-0623, https://earthtechsystems.com/

N.E.T.R.,781-993-6387, www.netrinc.com

Revision Energy, 978-308-9041, www.revisionenergy.com

Swampscott Refrigeration, 781-592-1519, https://swampscottrefrigeration.com/

Bartlett & Steadman, 781-365-5828, http://www.bartlettandsteadman.com/

DiPietro Heating and Cooling, 978-372-4111

MORE INFO

Marblehead Municipal Light District Installation rebates - https://www.marbleheadelectric.com/rebates-incentives.html

Boston Globe - https://www.bostonglobe.com/2021/11/07/real-estate/everything-you-need-know-about-adding-heat-pumps-your-home/

This Old House Magazine - https://www.thisoldhouse.com/heating-cooling/21018989/read-this-before-you-buy-ductless-ac

Energy.gov - https://www.energy.gov/energysaver/ductless-mini-split-heat-pumps

Mass Clean Energy Center - https://goclean.masscec.com/clean-energy-solutions/air-source-heat-pumps/