

# Cold-Climate Air Source Heat Pumps

## Protecting Your Investment



**NYSDERDA**  
New York State Energy Research  
and Development Authority

### Maximize Life Expectancy

Air source heat pumps have a typical useful life of 15 years but **can operate even longer with proper care and maintenance**. To maximize your heat pump's longevity, make sure you have a service plan with your heat pump installer and perform some basic do-it-yourself upkeep.

### Provide Annual Maintenance

**Regular maintenance will save you money and protect your investment** through increased efficiency, prolonged system life, and reduced repair costs. A service plan, with your heat pump installer, is a **hassle-free solution that will give you peace-of-mind** that a professional is regularly evaluating the performance of your heat pump.



**A maintenance service plan is an agreement that you have with your heat pump installer.** It outlines how often they will perform regular, preventative maintenance to ensure your heat pump runs as efficiently as possible, well into the future.



Many manufacturer warranties build on the assumption of regular maintenance – **like going to the doctor for your annual check-up**. While maintenance agreements vary, they can provide you with reassurance that your heat pump, and your investment, is protected.



As part of your regular service visit, **your heat pump technician will verify that your system is operating efficiently and monitor for any issues with performance**. In addition, they will complete the necessary routine maintenance to keep your heat pump operating smoothly.



**Your heat pump technician will clean and inspect the outdoor unit(s)** for any worn parts needing replacement, check refrigerant charge, verify it is clean, and ensure adequate airflow.

**Talk to your heat pump installer about a service plan for seasonal inspections to maximize the durability and efficiency of your new heat pump.**

## Do-It-Yourself (DIY) Upkeep

Easy airflow around the components of the heat pump is critical to optimal performance and longevity. **Ensure that supply grilles, head units and outdoor condenser units are unobstructed.**

Per manufacturer guidance, keep away any:



### OUTSIDE

- Insect and animal nests
- Snow, ice, sprinkler systems
- Yard cuttings and leaves
- Hedges and gardens
- Dryer lint



### INSIDE

- Drapes
- Decorations
- Toys
- Household clutter
- Spider webs



**During regular service visits, talk with your heat pump installer** about any concerns you may have, so that they can stay ahead of any issues that may not be apparent during their visit. **Working together with your heat pump installer, you can ensure a long service life and maximum comfort from your heat pump.**

**To learn more about heat pump upkeep and maintenance, go to:**

