



Clean Heat for All **Room Heat Pump Program**

Informational Webinar

May 6, 2026



NYSERDA

image credit: Aaron Burson, unsplash.com

What is the Room Heat Pump Program?

Cold climate, unitary packaged heat pumps that can be installed in less than 3 hours, and to the greatest extent possible, don't require electrical upgrades.



\$10 Million Is Now Available for Field Installations of Window Heat Pumps in Multifamily Buildings

\$7.5 Million Awarded to Five Manufacturers To Accelerate Development and Demonstration of Through-Wall Heat Pumps

Plug-and-Play Solutions To Increase Energy Efficiency, Reduce Energy Consumption and Save New Yorkers Money

Categories of Room Heat Pumps:

Window Heat Pumps (120V)



Standard Size PTHPs



Hydronic Heat PTHPs



Through-the-Wall HPs



The Original Clean Heat for All Challenge



The Clean Heat for All: Room Heat Pump Program builds off the success of the Clean Heat for All Challenge.

This challenge was a partnership between the **New York City Housing Authority** (NYCHA), the New York Power Authority (NYPA) and **NYSERDA**.

The packaged window heat pumps developed for the challenge at NYCHA's Woodside apartments delivered over 75% heating energy savings per square foot in the first winter heating season.

The success of the NYCHA demonstration helped to validate the potential for decentralized, cold-climate heat pump solutions and inspired the PTHP Program.

Remaining Barriers to Broader Adoption:

- **Sample Size Limitations**
Field data to date limited to (24) NYCHA apartments
- **Cold(er) Climate Performance**
Demonstrations to date only in Climate Zone 4 / NYC

Announcing the Room Heat Pump Program Awardees!



GRADIENT



Specs and contact info:

www.nyserda.ny.gov/All-Programs/Room-Heat-Pump-Program

Incentives, Eligibility & Timeline

Window Heat Pumps

Through-Wall Heat Pumps

Funding for both programs is provided through the awarded manufacturers or heat pump vendors

Incentives • \$2,250/PWHP for LMI demonstration sites • \$1,500/PHWHP for market rate demonstration sites	Incentives • Up to a no-cost demonstration
Demonstration Site Eligibility • NYS Multifamily buildings (5+ dwelling units*) • Minimum of 10 PWHPs installed per project	Demonstration Site Eligibility • <i>Pre-qualified multifamily buildings</i> (RFQL 5937) • Qualification now open for upstate multifamily buildings
Performance Monitoring • Selected sites	Performance Monitoring • All sites
Timeline • Accepting project applications now!	Timeline • First 1-2 product demos starting Fall 2026
Application • Online application (coming soon)	Application • Qualified sites coordinate with awarded manufacturers

3rd Party Laboratory Testing

NYSERDA is collaborating with the **Syracuse University Center of Excellence in Environmental and Energy Systems (CoE)** to test the products to better understand the true, seasonal cost of operation of Room Heat Pumps in New York.



What's on the Horizon?



NYSERDA Sponsored Window Heat Pump Expo

June 17th @ Building Energy Exchange.

Check out the window heat pumps and meet with the qualified vendors to begin planning window heat pump installation projects!

Event open to the public, registration required.

Email RoomHeatPumps@nyserda.ny.gov to be notified with registration opens!

NYSERDA Sponsored Through-Wall Heat Pump Demonstration Team Matchmaking Event

Late June TBD @ Building Energy Exchange.

Bring together awarded through-wall heat pump manufacturers and pre-qualified building owners to begin planning through-wall heat pump demonstration projects!

Invite only to pre-qualified building owners (RFQL 5937)

Connect with Heat Pump Vendors

Contact us

RoomHeatPumps@nyserda.ny.gov

www.nyserda.ny.gov/All-Programs/Room-Heat-Pump-Program



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Room Heat Pump Specification Overview

Specifications may be subject to change

Window Heat Pumps				Through-Wall Heat Pumps						
	Gradient	Ai Air Conditioning Corp (Midea USA)	Y&N Gree Commercial USA		Ephoca	Form Research	Y&N Gree Commercial	Ice Air	Olimpia Splendid	Y&N Gree Commercial USA
Form	Saddle	Saddle	Standard window AC format	Category	Standard PTAC	Standard PTAC	Standard PTAC	PTAC in Hydronic Cab	Through-the-wall AC	Through-the-wall AC
Dimensions	Indoor Unit: 24” H x 25.5” W	Indoor Unit: 20.9” H x 25” W	Package: 16.5” H x 30.3” W	Dimensions	6” H x 42” W	15.75” H x 41.75” W	16” H x 42” W	16” H x 42” W	Pending	15.75” H x 26” W
Cooling Capacity	9,300 BTU/hr @ 95°F	9,000 BTU/hr @ 95°F	9,300 BTU/hr @ 95°F	Cooling Capacity	8,500 BTU/hr @ 95°F	10,000 BTU/hr @ 95°F	9,000 BTU/hr @ 95°F	9,200 BTU/hr @ 95°F	Pending	7,000 BTU/hr @ 95°F
CEER	16.8	17.6	15.1	EER	13.0 @ 95°F	Pending	12.0 @ 95°F	12.7 @ 95°F	Pending	10.6 @ 95°F
Heating Capacity	9,000 BTU/hr @ 47°F 9,000 BTU/hr @ 17°F 7,200 BTU/hr @ 5°F	9,000 BTU/hr @ 47°F 9,000 BTU/hr @ 17°F 9,000 BTU/hr @ 5°F	9,900 BTU/hr @ 95°F	Heating Capacity	8,500 BTU/hr @ 47°F 8,500 BTU/hr @ 17°F 8,500 BTU/hr @ 5°	10,000 BTU/hr	9,000 BTU/hr @ 47°F ≥ 85% of rated capacity @ 17°F ≥ 75% of rated capacity @ 5°F	10,300 BTU/hr @ 47°F 9,500 BTU/hr @ 17°F 8,300 BTU/hr @ 5°F	Pending	7,000 BTU/hr @ 47°F ≥ 85% of rated capacity @ 17°F ≥ 75% of rated capacity @ 5°
HEER	9.4	11.00	7.7	COP	4.1 @ 47°F 2.7 @ 17°F 2.2 @ 5°F	Pending	3.45 @ 47°F 1.85 @ 17°F 1.55 @ 5°F	4.3 @ 47°F 2.7 @ 17°F 2.1 @ 5°F	Pending	3.1 @ 47°F 1.75 @ 17°F 1.5 @ 5°F
Expected Field Demonstration Start	Q2 2026	Q2 2026	Q2 2026	Expected Field Demonstration Start	Q4 2026	Q2 2027	Q2 2027	Pending	Pending	Q2 2027