

NATURAL GAS HEAT PUMPS QUICK FACTS

Natural gas heat pumps offer installation flexibility, are available in various designs, cost less per BTU to operate and may have lower source emissions than comparable units in the market.



THE MARKET FOR GAS HEAT PUMPS IS GROWING

Several manufacturers produce natural gas heat pumps that are commercially available today. Consumer choice will expand as more companies enter the market in the near future.



GAS HEAT PUMPS OFFER INSTALLATION FLEXIBILITY AND MODULAR DESIGN SCALABILITY

Natural gas models can supply multiple zones, can use a variety of terminal units, and be mounted on the ground or roof for more installation options.



HYDRONIC AND/OR REFRIGERANT BASED SYSTEMS

Natural gas heat pumps can provide simultaneous heating or cooling (like VRV/VRF).



SAVE MONEY AND ENERGY

- In most markets, gas rates are more competitive than electric rates.
 Therefore, gas heat pumps provide a reduction in operational costs when compared to electric heat pumps.
- A study by ICF in 2021² found that heating with a gas heat pump provides lower emissions than standard HVAC systems and electric heat pumps.

PROCESSING, TRANSPORTATION AND DISTRIBUTION LOSSES 9% Energy is Lost PROCESSING, TRANSPORTATION AND DISTRIBUTION LOSSES 91 MMBtu

DIRECT USE OF NATURAL GAS¹

CONVERTING TO ELECTRICITY

Generating electricity only maintains **36**% of usable energy on the journey from production to customer.



FOR MORE INFORMATION VISIT: WWW.GASHEATPUMPS.COM

- Natural Gas Our Clean Energy Future- 2020 AGA Playbook
- 2. https://consortia.myescenter.com/GHP/ESC_GHP_Operating_Costs-Emissions-Study-ICF-August2021-Full.pdf