

VARIABLE REFRIGERANT FLOW SYSTEMS

(VRF) Natural Gas Heat Pump

HEAT & COOL SIMULTANEOUSLY

VRF systems regulate the flow of refrigerant to different indoor spaces to cool one location while heating another. If your building's electric service is maxed out or you would like to add cooling/heating capacity while reducing the building's electrical demand, then Gas Heat Pump (GHP) modular systems are the right solution. With a coefficient of performance (COP) higher than 7.5 in the heating mode, GHP can reduce your building's carbon footprint.



Benefits of VRF Systems:

- Installation flexibility
- Quiet, continuous operation
- Compatible with heat recovery systems
- Reduced energy consumption
- Zoned heating and cooling
- Modular technology simple to expand

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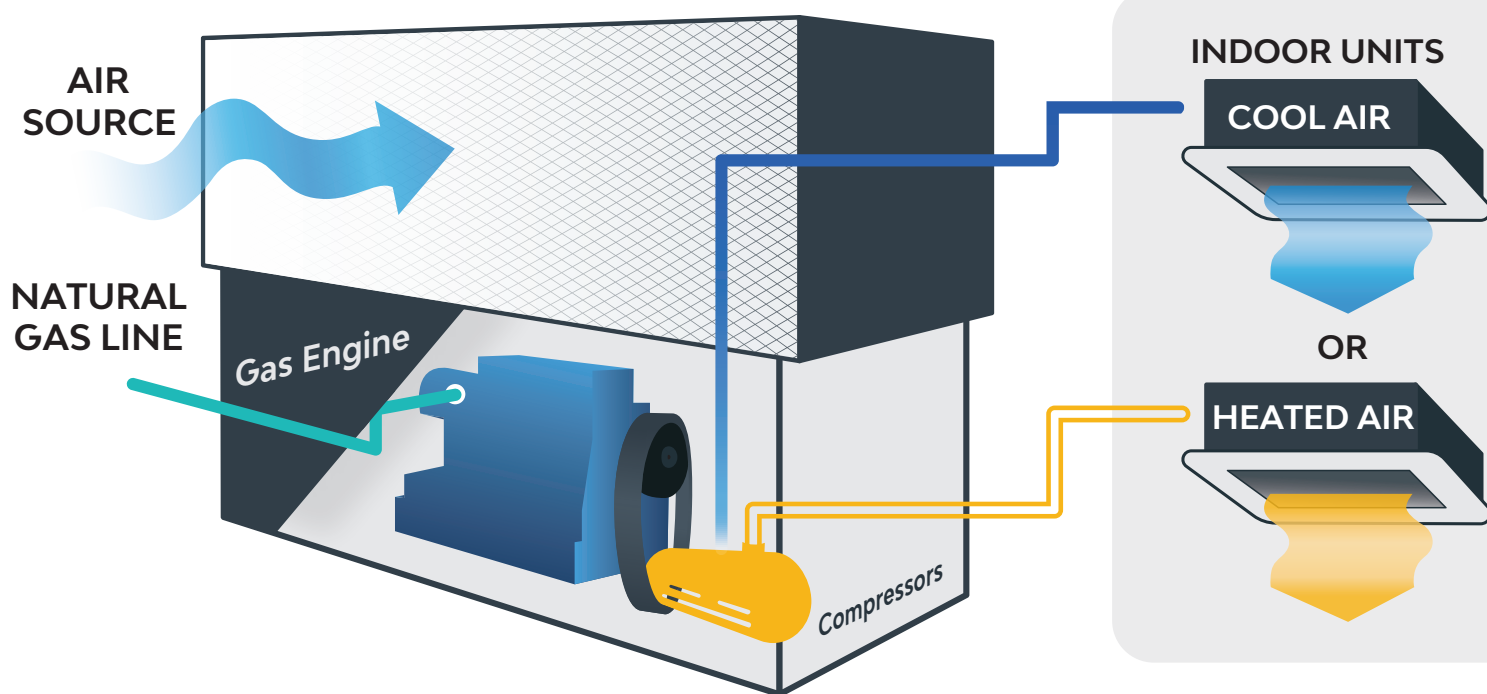


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HOW NATURAL GAS HEAT PUMPS WORK:



1. Compressor transfers thermal energy using recirculating refrigerant.
2. Warmth from external air source added for heating.
3. Warmth from the indoor air removed for cooling.
4. Indoor air dehumidified for faster cooling.

EFFECTIVE APPLICATIONS:



Hotels

Warehouses



Apartment Buildings

Medical Care Facilities



Office Buildings

Shopping Malls



Restaurants

Schools

Upgrade to a high-efficiency VRF Natural Gas Heat Pump System to lower your utility bills.

Contact our experts for more information.

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