

Natural gas cooling — Efficient, environmentally friendly



Natural gas cooling is right for today's buildings

Natural gas cooling options can help reduce energy costs in commercial buildings. New natural gas cooling technologies, developed over the last decade, can lower operating costs, eliminate electric peak demand charges, and reduce power needed during a power outage. Natural gas chillers require minimal power during outages and can easily be connected to a back-up power system.

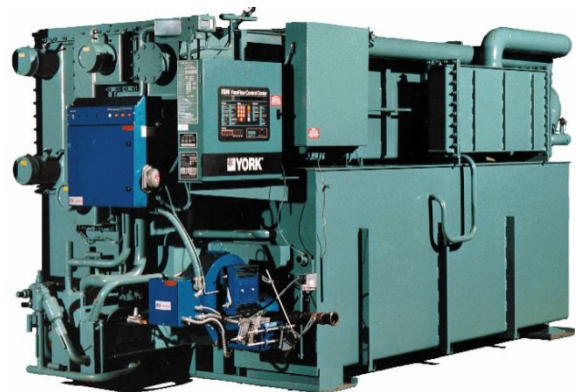
Available as standard, larger packaged units or custom-designed systems, natural gas cooling equipment can require less maintenance and offers improved environmental performance.

Natural gas systems are available in absorption or engine-driven systems. Absorption systems rely on a cycle of condensation and evaporation to produce cooling. The process is driven by a heat source — either a gas burner or recovered thermal energy is quiet, offers low maintenance and is well suited for commercial or campus-style buildings.

Engine-driven cooling systems operate similar to

electric cooling units, substituting a natural gas engine for the electric motor. System efficiencies are improved by optimizing the ability to use the heat recovered from the engine to produce domestic hot water and other thermal loads.

Natural gas cooling equipment is available from smaller packaged heat pumps to systems over 1,000 tons. To determine if a natural gas cooling system is right for your facility, contact us. We will help you evaluate the advantages of a natural gas cooling system.



For more information, please contact the Energy Services Department at **302.736.7894**.

