



SAVE ON CHILLERS WITH MAGNETIC BEARING COMPRESSORS WITH POWERSHIFT BY NV ENERGY

Frictionless magnetic bearing compressors offer several benefits when compared to conventional centrifugal compressors including improved performance and reliability, and reduced maintenance. Plus, they are estimated to be up to 40% more efficient than standard compressors, and offer substantially improved savings over the life of the unit.



How It Works

Magnetic bearing compressors feature a single rotating component, which means few moving parts. Also, no oil or oil circulation equipment is required. Typical chillers can lose up to 15% performance due to oil contamination of heat transfer surfaces. Eliminating oil contamination in the refrigerant and heat transfer surfaces keeps your magnetic bearing chiller running at peak efficiency year after year. It also reduces maintenance costs over traditional oil compressors.

The compact size of a magnetic bearing compressor makes it flexible to design around, and ideal for both retrofit and new construction projects. Other benefits include a digital bearing control system that continuously monitors shaft position and adjusts the magnetic bearing fields in real time to maintain precise position of the compressor shaft. The result is outstanding energy efficiency and reliable, long-life operation. NV Energy offers incentives for magnetic bearing compressor projects through the custom measure approach, with incentives paid based on calculated annual energy savings.

FUNDING IS LIMITED—APPLY TODAY!

LEARN MORE

CALL | 800.342.6335

EMAIL | commercial@nvenergy.com

WEB | www.nvenergy.com/commercial

Because you can never save too much.