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eNews

Variable Volume Ratio (VVR) Compression Technology for Air-Cooled Chillers

Daikin has upped the ante yet again, with a fully configurable chiller product with market leading efficiency in both full and part load performance. A key component of Daikin's new Pathfinder AWV chiller is Variable Volume Ratio (VVR) technology, an industry-first for packaged air-cooled screw chillers. This technology allows the compressor to change the internal compression ratio as water and air temperatures fluctuate, to give the most optimal compression efficiency possible. Simply put, compared to previous screw technology, a VVR compressor will not only perform better at AHRI-standard conditions, it will perform better in real-world scenarios where air and water temperatures can fluctuate greatly. With VVR Compression technology, the compressor senses the amount of lift needed and adjusts the compression ratio on the fly to give the optimal efficiency at any operating condition. This means lower energy use, lower cost of ownership and lower carbon footprint.

More information found [HERE](#)

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VVR TECHNOLOGY



Q & A

Respond to mail@vemcoinc.com the correct answer to be eligible for the prize or to OPT OUT of eNews.
(No phone answers accepted; can only win once every 6 months)

Q: Imagine inflating a basketball with a bicycle pump. Which requires more effort A) inflating the basketball to the desired pressure, or B) overinflating the basketball and then letting some of the air back out?

Prize: \$50 AMEX gift card

Congratulations to Glen Sparks from Energy 1 who correctly identified the Price Industries selection software as the All-in-One Engineering Edition