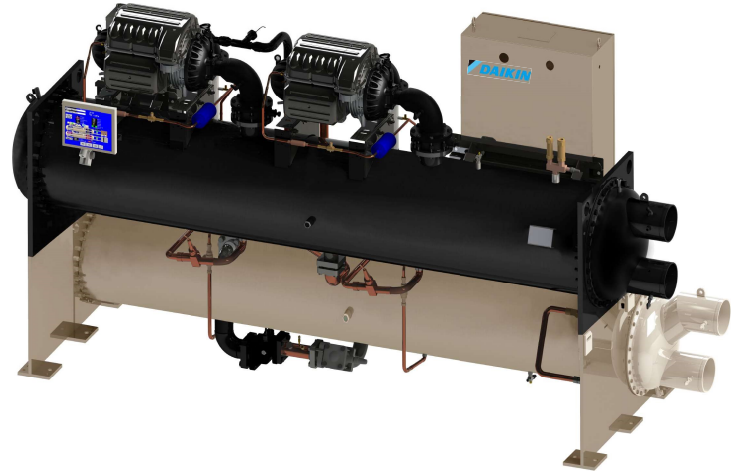




PM-HTMXE-E-001

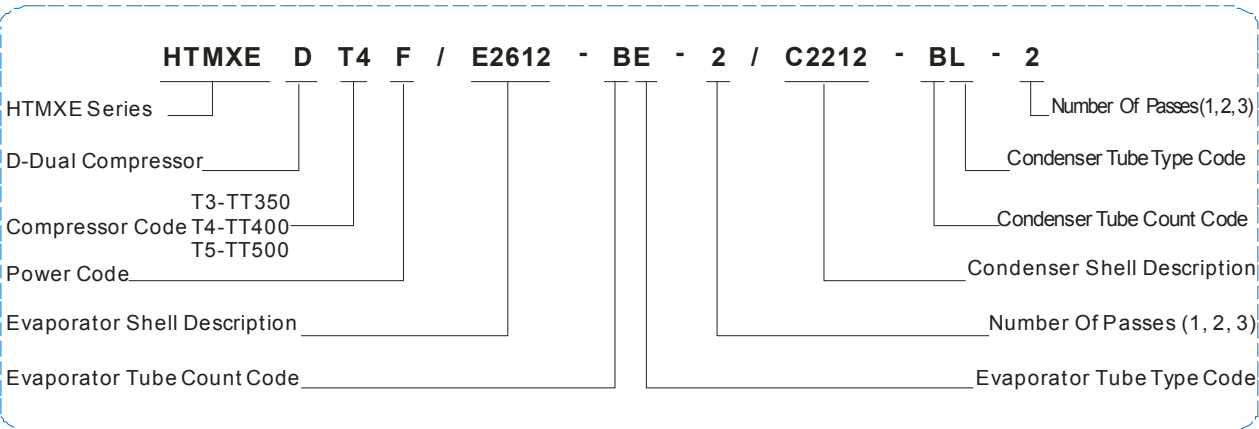


HTMXE

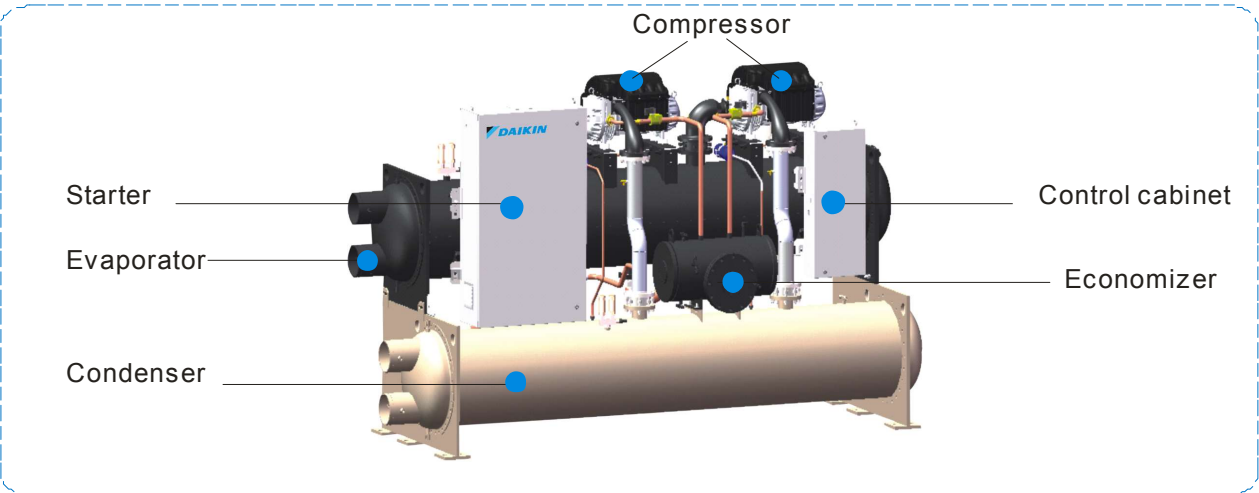
Magnetic Bearing Centrifugal Chiller



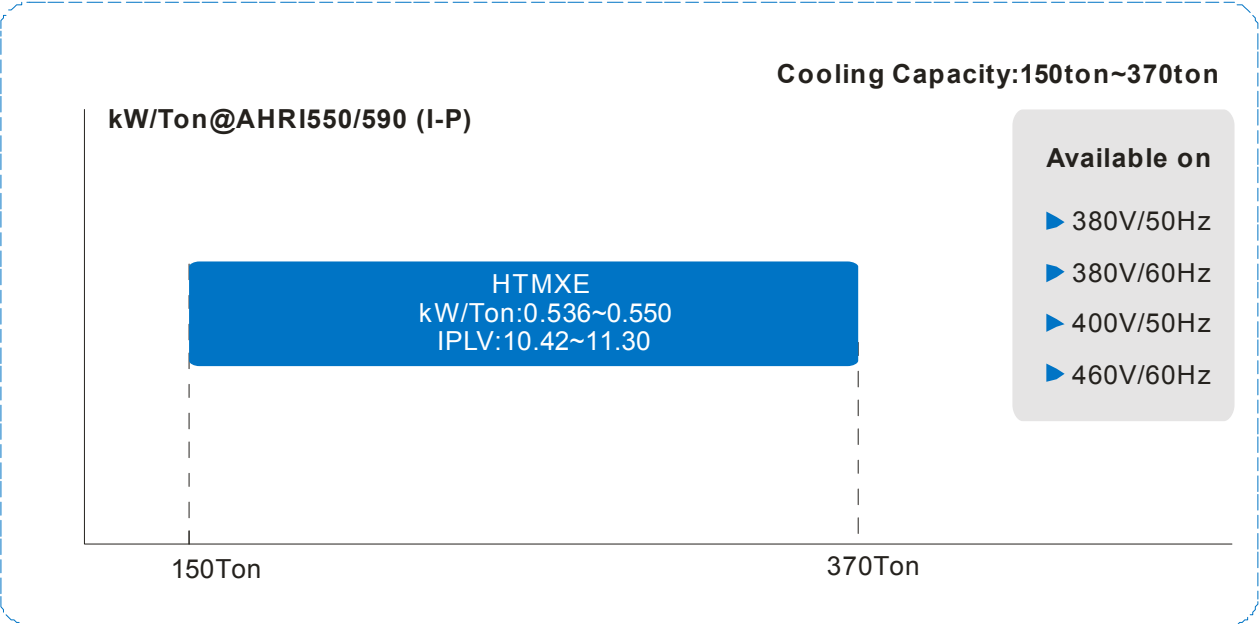
Nomenclature



HTMXE Construction



Cooling Capacity & Performance Range



Excellent Full Load Performance

The Daikin HTMXE chillers have been designed from the beginning to provide extremely high operating efficiency over the entire operating range, using a two-stage impeller and separate economizer vessel.

Efficiency low to 0.516kW/ton at AHRI condition



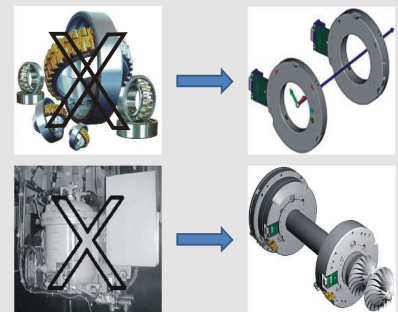
Outstanding Part Load Performance

The HTMXE Integrated Part Load Value (IPLV) is as low as 11.30. There is a potential for up to 40% energy savings at part load compared to other chillers.



Eliminate Maintenance Costs

There is nothing to do except occasionally clean the tubes. With oil removed from the system, oil samples, oil change-outs, oil system maintenance, oil filter changes are all history.



User friendly Touch Screen Operator Panel

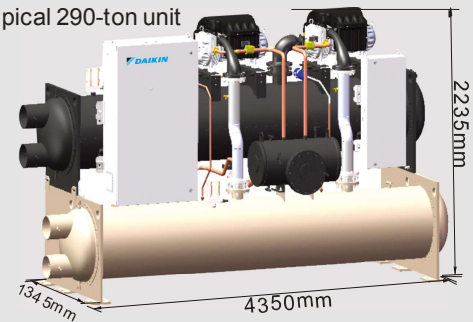
Touchscreen panel mounted on the moveable positioning arm for easy operation, view chiller operation, clear faults and change parameters by merely touching the screen.



Ideal for retrofit and replacement

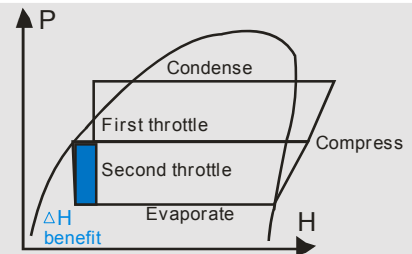
The compact size of the Magnetic chiller makes it ideal for retrofit and replacement installations. In addition, the space that would have been used for equipment can now be put to more productive use in the facility. Most models can easily fit through double width doors without any disassembly.

Typical 290-ton unit



Economizer Design

Using the advantage of two stage centrifugal compressor, No extra efforts for a higher cooling effect



Lowest Noise and Vibration Levels

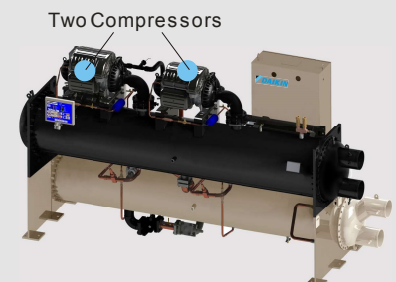
The Magnetic chiller has lower sound levels than comparably sized centrifugal chillers. No moving mechanical part touches any part of the housing or frame to transmit acoustic energy. The compressor vibration levels are extremely low, minimizing vibration that could be transmitted to the structure.

The unit is shipped with rubber mounting pads and spring vibration isolators are not required.



Dual Compressors Utilizing One Refrigerant Circuit

System reliability is improved by having two compressors operating on a common refrigerant circuit. In the event of a mechanical or electrical problem (excluding the rare motor burn), one of the two compressors will continue to operate until repairs can be made. The chiller can continue to provide up to sixty percent of full load tons.





Cautions on product corrosion

1. The units should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the unit close to the sea shore, contact your local distributor.