



Tranter delivers AHRI certified Plate Heat Exchangers to ice storage systems in new financial district of China

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Beijing, China, 8 October, 2020. For a major commercial building development with a total construction area of about 500,000 square meters (5,400,000 square feet) Tranter was selected to provide large customized plate heat exchangers for ice storage systems providing cooling to various buildings of the project, such as office buildings, a boutique hotel, retail buildings, and service apartments.

Winland Group's Xiamen Winland IFC Project in the Fujian Province of China will upon completion become a new important financial district in the city of Xiamen and an impressive architectural seaside landmark facing the Kinmen Islands.

Tranter's scope of the project covers the plate heat exchangers for the ice storage air conditioning systems that run at night when the cooling demand is low to produce an ice pile. Water then circulates through the pile during peak load hours to produce chilled water that would normally be the chiller's daytime output. This process typically enables energy to be used more efficiently with less emissions.

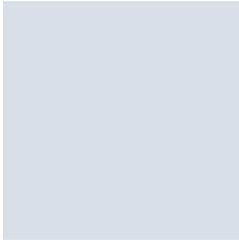
The large plate heat exchangers are customized to the buyer's demands and performance certified per AHRI requirements. The requirement for high energy efficiency required Tranter to install as many as 800 heat transfer plates per unit while also ensuring the unit could meet the high pressure rating in the design specification from the main contractor.

Although the project was executed during the COVID-19 pandemic Tranter's Beijing Factory could manage the complex logistics and project management by means of digitization and customer commitment and all units were shipped out from the factory on time to meet the overall project schedule.

"It's an honor to be part of this type of high-end project and a big plus is that our plate heat exchangers will help the owner save lots of energy throughout the years", says Allen Fang, Managing Director for Tranter China & South East Asia.

Tranter is a global manufacturer of gasketed and welded plate heat exchangers and an aftermarket service provider for the plate heat exchanger industry. Significant manufacturing, research, design engineering and product development activities are based in the USA, Brazil, Sweden, China and India and enable responsiveness to local demands. Tranter is represented globally by a network of our own sales companies, licensees and agents. www.tranter.com.

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