



Hartford Insurance Group uses Free Cooling Chillers for Chilled Beam System

[Motivair Corporation](#), based in Buffalo, New York, a global leader in Mission Critical Chillers and Cooling Systems announced installation of three (3) [MLC-FC Free Cooling chillers](#) for the Hartford Insurance Group which will be used to supply cool water to the building's new chilled beam comfort cooling system.

The Hartford Insurance Group (HIG), which is over 200 years old and headquartered in Hartford, Connecticut is a leading provider of property, casualty and group benefits insurance. The Hartford is traded on the NYSE (ticker symbol HIG) and is included in the S&P 500 index and Fortune 500 list. A recent HIG facility upgrade was engineered to incorporate a chilled beam, comfort cooling system for primary work space cooling. Chilled beam cooling systems can utilize warmer water temperatures when compared to conventional HVAC systems which allows for increased chiller plant efficiencies and opens up a larger band of operating hours for water side economizing also known as Free Cooling. By coupling Motivair Free Cooling chillers with its chilled beam system, HIG can leverage significant gains in water side economizing operating hours which translates to lower operating costs and increased system efficiencies.

HIG's MLC-FC Free Cooling chillers (200 Ton, 200 Ton, 100 Ton) are designed to produce 52F outlet and 64F inlet glycol for the chilled beam system. When the outdoor ambient temperature drops below the return glycol temperature to the chiller, the MLC-FC Motivair Free Cooling chiller uses cold outside air to cool the system glycol in lieu of its refrigeration plant therefor creating substantial savings in operational costs while at the same time improving wintertime reliability. Each Motivair Free Cooling Chiller was also equipped with redundant circulation pumps which rotate on a weekly basis and automatically switch over in the event of a lead pump alarm.

About Motivair Corporation

Motivair Corporation, based in Buffalo, NY (USA), is a globally recognized supplier of specialty chillers and cooling systems providing innovative solutions for customers in industrial, commercial, public and private sectors around the world. For more information, visit www.MotivairCorp.com