

Francesco Mastrapasqua

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Bio

After graduating in electronics and telecommunications engineering in Padua – Italy in 1993, Francesco Mastrapasqua started his career as Commercial and Marketing Manager in the area of robotic and factory automation. Since 1997, he has consolidated a wide experience in business development, international sales, key account and marketing in several HVAC & Refrigeration multinational companies. Since 2009 at Epta his focus is on Natural Refrigeration and environmentally sustainable systems applied to Commercial Retail business. Epta has a predominant position as turn key system provider and offers to its clients fully comprehensive assistance and training, from the choice of the ideal solution to its implementation and maintenance, including permanent training center in the CO2 Excellence Center in UK, where Epta prepares installers and technicians, as well as designers and engineers, to become familiar with all CO2 related technologies.

Abstract

Optimized Trans-Critical Carbon Dioxide CO2 and Water Loop System

Key words: CO2 Transcritical technology performance optimization with FTE system, Eptablue Waterloop System for Refrigeration

Francesco Mastrapasqua, EPTA SpA, Refrigeration Systems Marketing Manager, presents the state of the art of CO2 systems and the new FTE system, highly innovative CO2 Transcritical solution that combines low costs, energy saving and reliability in any country, with any external temperature. Extensive data will be presented to reason for increased usage of CO2 Refrigeration Systems in any climatic condition and any store format, combining installation and operational costs, life cycle costs, energy saving and reliability, a significant contribution to make CO2 NR the new technological worldwide standard. In the second part of the presentation Epta will present an in-depth analysis of the energy efficiency and operational benefits of EPTABLUE Waterloop System with best in class examples.