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WHAT'S NEW: Gartner Publications

Over the past 10 years, Gartner has published many highly regarded articles about important issues facing the refrigeration industry. As a result, Gartner receives frequent requests for copies of these publications. Below are summaries describing twenty of our most popular articles.

To order any of the Gartner publications listed below, click on the title of the publication, fill out and submit the form. The publications you select will be mailed to you.

- 1) Ice Arena Refrigeration Systems** – Gartner's experience with indoor ice dates back to the 1940's, when we created compact rinks in hotel ballrooms and lobbies for touring professional skaters. Today, Gartner is continuing that heritage by working with arena operators, owners and developers throughout the country in providing cost-effective, efficient refrigeration solutions. Find out how Gartner's quick response emergency service saved the day for two Minnesota ice centers.
- 2) Maxi-Chill** – At the heart of Maxi-Chill is the natural-gas engine that drives the compressor. Natural gas engine-driven chillers, though not yet common, have been proving their worth for many years in various facilities, from schools to food-processing plants. Maxi-Chill represents the newest and most advanced generation of natural gas engine-driven chillers.
- 3) HazMat** – From head to toe everything you need to keep your HazMat Team Safe. Gartner is an authorized distributor for MSA – the industry leader in quality and affordable safety equipment. Choose from over 100 OSHA certified products.
- 4) Emergency Repair Prevention** – 90% of emergency refrigeration-system repairs are preventable. Gartner President, John Hendrickson, explains how to prevent those expensive and disruptive emergency repairs. Read about Gartner's four step Predictive Maintenance Program that includes an 18 point vibration analysis and a fail safe Frick Oil analysis.
- 5) The Case for Ammonia Refrigeration** – The phase out of CFC refrigerants has made ammonia more popular than ever as the natural choice for air conditioning and refrigeration.
- 6) Design/Build Contractor** – The expensive pitfalls of freezing out the design/build refrigeration contractor. In this issue there is an important article about the pitfalls of using inexperienced and unqualified people to design and build ammonia refrigeration systems.

7) Moisture Retention & Hands-off Refrigeration – Faster Dough Cooling: Moisture retention gives Domino's a competitive edge. Foodservice Warehouse features hands-off refrigeration/cooling system of the future.

8) Master Refrigeration Plan – Preparing 100-year old dairy for second hundred years. Find out how Gartner overhauled and modernized a large dairy facility incrementally and within budget. Plus, discover how Gartner's Plant Surveys profile load capacity and expansion potential.

9) Back to the Future - Part 1 – Back to the future for greater profitability! (Part 1) A conversation with Ronald Anderson, U.S. Dept. of Agriculture, Food and Safety and Inspection Services. To achieve greater energy savings and quality control, Ron advocates utilizing existing equipment and ambient air in a common sense partnership. In addition, there is an article that reveals how P.Y.A. Monarch tripled its growth projections with a state-of-the-art food warehouse facility.

10) Back to the Future - Part 2 – A continuation of the conversation with Ron Anderson. Plus, • SuperChill - The state-of-the-art pork chilling innovation.

- Big new cold storage addition that went from start to finish in under 60 days
- Gartner outlines how to keep your coolers at optimum performance

11) Replacement for Halocarbons – Refrigeration expert Professor Wilbert F. Stoecker of the University of Illinois discusses the benefits of an ammonia system as a replacement for halocarbons. Andy Charlson, Emerald Industries Engineering Manager, discusses how the company's new ammonia system crunches a cookie cooling tunnel problem at Emerald Industries.

12) Gartner's Compressor Rebuild Department – Find out how Gartner's factory trained technicians can take care of your minor or major compressor rebuild for screw compressors and reciprocating compressors. Plus, the dangers signs to look for when your compressor needs to be rebuilt.

13) Out of the Ashes – 100 fire fighters battle record-breaking fire at Central Storage & Warehouse. It became apparent very soon after the fire started that it would put CSW's refrigeration system out of operation, and that the remaining product in the facility would begin to spoil in three or four days. Refrigeration expertise and skills would be needed to get the system up and running again before that happened. CSW called Gartner Refrigeration.

14) OSHA Regulations – OSHA assigns responsibility of PSM compliance to plant ownership not to the contractor. This article reviews compliance requirements and Gartner's blueprint for compliance.

15) Gartner Innovation – Gartner's exclusive, state-of-the-art Humigard system creates and an environment that maximizes long-term fruit storage while minimizing shrinkage and spoilage. Plus, a review of Gartner's emergency ammonia response training event with information you need to know.

16) Save Thousands – Energy - Economy - Ecology: How to save thousands upon thousands of dollars in energy costs, year after year. Find out just how much energy efficiency can pay off on the bottom line. Plus, how FDL Foods reduced their annual electric bill by more than \$150,000.

17) Wholesale Grocers Success – Discover how the nation's seventh largest wholesale grocer follows the beat of its own drummer to success. C&S "differentiates by storing and transporting cheaper, fresher and faster, then passing the savings on to our customers."

18) Mission Impossible: Ammonia Pump Out in less than 24 hours – Gartner Refrigeration and Kraft Foods undertake the formidable task of pumping out modified system charged valves and recharging over 30,000 lbs. of ammonia - within a 24-hour window. Hour by hour review of what it took to make it happen.

19) Ammonia Conversion – How Gartner accomplished the conversion of CFC-12 to ammonia without hindering the production process.

20) Production Bottleneck Eliminated – Gartner's Maxi Chill puts natural gas driven cooling on the leading edge. Maxi Chill is an economical solution and North Star Ice's production bottleneck is eliminated, with a little help from Gartner.

21) State-of-the-art Produce Ripening – How Gartner helped make a state-of-the-art European produce-ripening facility a reality in Milwaukee. Tony Gagliano wanted the best custom-built system available — and that's what he got.

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