



Practical Experiences with Advanced DX (ADX) Ammonia Systems

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"The Heat Transfer Experts"

Background

- Advanced DX (ADX) Ammonia
 - Allows application of DX ammonia to freezer temps
 - Significantly reduces evaporator and system charge
 - Less expensive to install vs pumped ammonia
 - Pioneered by Colmac
 - Patents issued include:
 - 6,843,509 – BiM Coupler eliminates alum flange unions
 - 7,597,137 – SS distributor construction with alum coil
 - 7,958,738 – DX ammonia system
 - 8,474,276 – DX ammonia w/enhanced evaporator tubes
 - 8,783,057 – DX ammonia Tank Distributor



Introductions

“Application of ADX in a Large Public Refrigerated Warehouse”

Rick Watters, VP Refrigeration

AMS Mechanical Services, Chicago, IL

“Application of ADX in an Egg Production Facility”

Harry Paul, Sales Manager Refrigeration

Air Treatment Corporation, Capitola, CA

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