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PRESS RELEASE

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Low Charge Advanced DX Ammonia (ADX) Case Studies

Colville, WA: Colmac Coil has pioneered the use of low charge direct expansion in low temperature industrial ammonia refrigeration applications. This new technology reduces the first cost of installation while significantly reducing the ammonia charge required on the site. It has been proven in recent installations that using ADX in industrial refrigeration systems produces additional benefits including: faster defrosting, effective operation at multiple temperature levels (convertible rooms), good response to changes in load, fast restart after power failure, and simplified maintenance and operation through elimination of recirculation pumps.

Because of the reduced ammonia charge on site and in the occupied spaces, regulatory burdens can be reduced, and work spaces made safer.

This proven technology is being successfully used around the world in the following locations with several more facilities under development:

- Joliet Cold Storage - Joliet IL
- Preferred Freezer Services - Richland WA
- US Cold Storage - Laredo TX
- Bidvest Tamworth - Tamworth Australia
- Bidvest Bibra Lake - Perth Australia
- Shepherd's Processed Egg - Spanish Fork UT

Case studies for the above listed projects are available from Colmac at www.colmaccoil.com or by request by contacting Patsy Smith at patsy.smith@colmaccoil.com.

Colmac Advanced DX Ammonia is covered by a number of USA and foreign patents.

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About Colmac Coil Manufacturing, Inc.

Since 1971 Colmac Coil has provided customers worldwide with innovative heat exchangers and heat transfer solutions for industrial refrigeration, HVAC, power generation, and gas compression applications. The company builds heating and cooling coils, refrigeration air coolers and blast freezers, air-cooled fluid coolers and condensers, and heat pipes for heat recovery. State-of-the-art selection software accurately calculates heat exchanger performance for a wide range of working fluids, materials, and operating conditions. World-class manufacturing facilities in both Washington State and in Illinois provide customers with fast delivery times and outstanding after sales support. www.colmaccoil.com