



## SHEPHERD'S PROCESSED EGG Spanish Fork UT

Type of facility: Food Processing

Owner: Shepherds Processed Egg	Results/Benefits Delivered
Location: Spanish Fork UT	<ul style="list-style-type: none"> <li>• Total ammonia charge: 400 lbs</li> <li>• Estimated pumped ammonia charge: 4500 lbs</li> <li>• Reduction in installed cost:             <ul style="list-style-type: none"> <li>\$125,000 less than pumped ammonia</li> <li>\$180,000 less than R507</li> </ul> </li> <li>• Other:             <ul style="list-style-type: none"> <li>• Natural solution eliminates HFC's</li> <li>• Extremely low ammonia charge</li> </ul> </li> </ul>
Floorspace: 10,000 sq ft	
Total refrigeration load: 150 TR 120 TR @ +23 deg F (glycol chiller) 30 TR @ -25 deg F (ADX freezer)	
Single stage screw compressors with PHXR water cooled condenser. Water cooled PHXR oil cooling. Flooded PHXR glycol chiller. ADX evaporators used in blast freezer cells.	

*"The Heat Transfer Experts"*

509.684.2595 | [www.colmaccoil.com](http://www.colmaccoil.com) | PO Box 571 | Colville, WA 99114 | USA

# Colmac Advanced Direct Expansion(ADX)

## Benefits:

### » **Significantly smaller ammonia charge**

- 7 lbs/TR vs 30 lbs/TR for pumped bottom feed
- Reduced health and safety risks
- Reduced regulatory burden (< 10,000 lbs)
- Faster defrost cycle

### » **Energy efficient**

### » **Lower first cost\***

### » **Simple operation**

\*Compared to traditional pumped ammonia



CE(PED) Certification, ASME Sec. VIII, Canadian Registration Number, UL508, Canadian Standards Association



CRN



CSA

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Product Information | Product Literature | Sales Rep Locator | Product Videos

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