



BIDVEST TAMWORTH Tamworth Australia

Type of facility: Food Service Distribution Center

Owner: Bidvest Australia Limited	Results/Benefits Delivered <ul style="list-style-type: none"> ◦ Total ammonia charge: 220kg (484 lbs) ◦ Ammonia charge in all evaporators: 5kg (11lbs) ◦ Reduction in operating cost*: 40% ◦ Other: <ul style="list-style-type: none"> ◦ Carbon tax levy reduced ◦ Return on investment: 33%
Location: Tamworth NSW, Australia	
Installer: Scantec Refrigeration Technologies pty.ltd.	
Floorspace: 1200 m ² (12900 sq ft)	
Total refrigeration load: 126kW (36 TR) High stage (+4 deg C) Capacity: 83kW Low stage (-25 deg C) Capacity: 43kW	
Two-stage with VFD direct drive reciprocating compressors and evaporative condenser.	
*Compared to air-cooled HFC solution	

"The Heat Transfer Experts"

509.684.2595 | 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

Visit www.colmaccoil.com for more information and resources:

[Product Information](#) | [Product Literature](#) | [Sales Rep Locator](#) | [Product Videos](#)

North American Headquarters

Colmac Coil Manufacturing, Inc.
370 N. Lincoln St. | P.O. Box 571
Colville, WA 99114 | USA
+1.509.684.2595 | +1.800.845.6778

Midwest US Manufacturing

Colmac Coil Midwest
350 Baltimore Dr. | Paxton, IL 60957 | USA

"The Heat Transfer Experts"