Colmac Coil has developed a line of Reversible Air Flow evaporator units to improve the performance of blast freezers/coolers. Traditional blast freezers blow cooling air in one direction across the product the entire time. The result is a longer freezing time and a variation in product quality based on its placement in the freezer. The product furthest from the air entrance takes much longer to freeze and results in lower quality.

Reversible Air Flow evaporators address this by changing the air flow direction during the freezing cycle. Switching the air flow direction places the coldest air on the product that was initially staged in the “back” of the freezer. This results in the batch being cooled evenly throughout, reducing freezing time and improving product quality.

**ADVANTAGES**
- Reduced freezing times by up to 20%
- Uniform product quality throughout batch
- Improved product moisture retention
- Fewer evaporator defrosts required

**FEATURES**
- Fully reversible tube axial fans
- Coil core configured for reversible air flow
- VFD compatible fan motors
- Available for all refrigerants and system types (ammonia, CO2, freon, brine)

**OPTIONS**
- Evaporator material options: SST, HDG, Al, Cu, CuNi
- Cabinet material options: SST, galvanized, Al
- Defrost: Hot gas, water, electric, interlaced glycol, air
- UL, CSA, CE listings
- ASME, CRN, PED certifications
Other Quality Products From Colmac Coil

Heat Pipes for Heat Recovery
Dry Coolers for Glycol or Gas Cooling
Custom Evaporators & Baudelot Coolers
Air Cooled Condensers

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

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"The Heat Transfer Experts"

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