



RACETRACK COOLER



- Endless Coolers are designed for high operating efficiency at minimum power requirements.
- Design options permit most efficient use of available plant space.

FEATURES & BENEFITS

Heavy Duty Construction

- Quality materials and components assure high performance, minimum maintenance, and longevity.

Standard Frame

- Constructed of extruded aluminum.

Trouble Free Installation

- Modular drive, take-up, infeed conveyor, and discharge conveyor allow fast installation and start-up.

Easily Accessible Controls

- Electrical controls are mounted for easy access and accurate operation.

Combination lines

- Dual outfeed for combination lines (bread and buns).

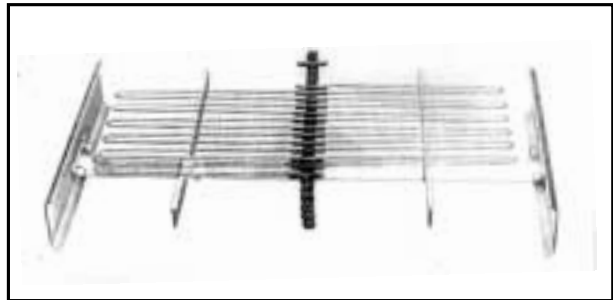
Reduced maintenance design

- Independent take-up section protect each tier from belt damage.
- Cooler belting rides on two low friction rails for even, continuous support with minimum friction.

RACETRACK COOLER

MECHANICAL FEATURES

- Exclusive "T" assembly.
- Anchors belt grid securely to a #60 H.P. chain.
- Safety interlock, independent take-up sections protect each tier from belt damage.
- Cooler belting rides on two low friction rails for even, continuous support with minimum friction.
- Turning unit (90° – 180°) available in friction turn or disk turn.
- Cleaning brushes.
- Sealed bearings.



Cross Section Detail

ELECTRICAL FEATURES

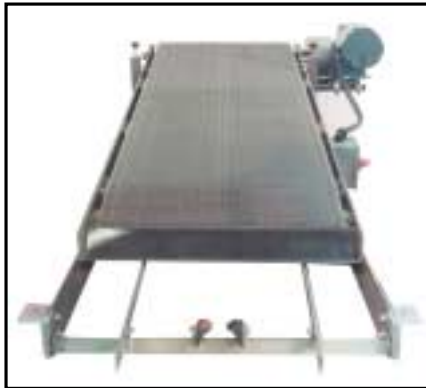
- Nema 12 painted steel electrical enclosure.
- Allen Bradley main door mounted disconnect switch.
- Allen Bradley bulletin 140 motor protector.
- Allen Bradley bulletin 100 motor starter (IEC rated).
- Variable frequency controller (1) for cooler main drive.
- Allen Bradley model SLC 5/03 modular hardware programmable logic controller.
- Allen Bradley PanelView 550 keypad monochrome operator interface with alarm history.
- Cooling time indicator.
- Cooler main drive amperage indication.
- Air conditioning unit.
- Product accumulation and damaged belt safeties.
- Individual tier safety switches.
- Main drive over current safety.



RACETRACK COOLER

OPTIONS

- Oil mist lubrication.
- Belt washer for continuous or down time belt cleaning. Available with air operated doors.
- Full length vinyl underguards for safety or sanitation.
- Infeed and outfeed conveying systems and controls.
- Dual outfeed for combination lines.
- Intralox plastic belt or Polytek belt.
- Catwalks for maintenance.
- High or low density lifting brushes.



Cooler Infeed (Intralox Plastic Belt Shown)



Cooler Outfeed (Intralox Plastic Belt Shown)

ELECTRICAL OPTIONS

- Square "D" main breaker.
- Air conditioning unit.
- Processor upgrade from SLC 5/03 to SLC 5/04.
- Other operator interfaces on request.
- New or existing chain washer controls integration.

SPECIFICATIONS

Electrical Requirements

208/230/460/575V/3Ph/60Cy

Air requirements:

- Optional oil mist (maximum)
- Clean dry air at 80 PSI (5.6 kg/cm²)
- 1.68 SCFM (793 cu. cms/sec.)

Single motor drive: 25 to 120 F.P.M.

Length options: Up to 600 Ft/tier.

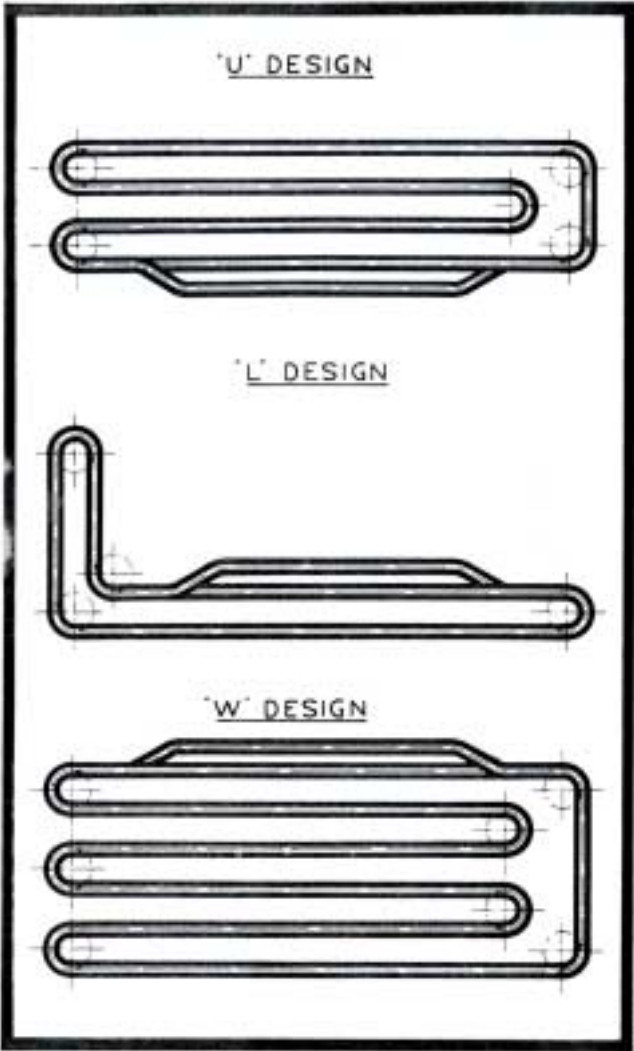
Belt options: 18" to 33" wide belt.

Tier spacing: 8", 9" or 10".



RACETRACK COOLER

DIMENSIONAL DRAWING



HEADQUARTERS
AMF Bakery Systems
2115 West Laburnum Avenue
Richmond, Virginia 23227
1-800-225-3771
or 804-355-7961
FAX : 1-804-342-9724

EUROPEAN OPERATION
West Park Ring Road
Leeds LS16 6QQ England
Tel. : 1132-787110
Fax : 1132-741415
sales@amfbakery.com

FOR MORE INFORMATION PLEASE CALL YOUR ACCOUNT MANAGER OR

1-800-BAKERS-1
www.amfbakery.com

Printed in Canada

AMF's continuing engineering is constantly improving product performance. Consequently machinery specifications are subject to change without notice.

01/2004
32-J-00