

Eurochiller BRA+

Cooling Coil for Blown Film Extrusion

**EURO
CHILLER**[®]
INTERNATIONAL COOLING

Cooling coils are an important component in achieving the highest possible production rate from a cooling system.

By chilling the air going to the an IBC or an air ring, an increase in production rate of 15-25% can be achieved when compared to using air that is at the ambient plant temperature. This benefit has added importance when the production occurs in climates where the ambient temperature varies a significant amount or where the summertime temperatures are very hot.

BRA+ cooling coils utilize chilled water supplied by a factory central chiller. Chilled water circulates through the coil whereby the process air passes, cooling the process air to a temperature set by the operator.

This system has the advantage of a low initial investment when central chilled water is existing with a simple mechanical design. Using chilled air vs ambient factory air for IBC and air ring cooling leads to significant cooling improvements and associated production improvements.

Eurochiller cooling coils use an air flow dispersion design that ensures the entire cooling coil is utilized over the complete range of air flows. This provides maximum cooling efficiency even for lower flow rates.

The BRA includes a mechanical 3-Way temperature control valve allowing easy setting of exit air temperature. Optionally, a motorized proportional valve with electronic temperature setting can be provided.

All BRA cooling coils include stacking mounts so floor space utilization can be minimized without the need to build a support frame.

As the North American rep for Eurochiller, DRJ supplies, sizes and services this excellent solution for adding or upgrading existing cooling capacity.



The BRA+ is a cost effective solution for cooling when existing chiller capacity is available.

- (+/-) 5°F (2.8°C) temperature variation
- Requires existing chiller
- Excellent price / value ratio
- Low maintenance
- Standard 3-Way mechanical valve temperature control
- Removable/ washable filters
- Drip separator for moisture control
- Product line airflow ranges: 150-10,000 CFM (250-17,000 M³/Hr)

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