



CERTINCOAT® C3 & C4 HOODS



General

The C3 & C4 Hot-End Coating Hoods have a patented internal design promoting higher coating efficiency and less maintenance than our traditional hoods. The C3 Hood is recommended for lines that produce up to 400 bpm. The longer C4 Hood is designed for lines that produce more than 400 bpm. Both hoods can handle bottle heights up to 13 inches. The hoods are equipped with access doors for easy maintenance, a complete exhaust system, and centralized electrical control. Heating and cooling accessories are available, along with your choice of center section.

The Certincoat® System

To achieve the maximum benefits of hot-end coating, Arkema Inc. designed a complete coating system. The Certincoat® System consists of:

- Certincoat® TC100 coating material
- Precision metering pump assembly
- High-efficiency coating hood
- Continuous technical support

Several variations of high-efficiency hoods are available. The C3 & C4 Hoods contain the patented double loop recirculation system. This design provides high coating efficiency and deposits a uniform layer of tin oxide on each glass container.

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Here is how it works:

Inner Loop

The inner loop receives and circulates a highly concentrated stream of vaporized TC100 material.

Outer Loop

The outer loop captures any coating material vapor escaping from the inner loop and recirculates it at low concentration.

Exhaust

Coating vapor that escapes the outer loop is captured through exhaust slits located at each corner of the hood.

Finish Protection

The flow of fresh air through the center section of the hood assures excellent finish protection.

Technical Data – Certincoat® C3 & C4 Hoods

	C3 Hood	C4 Hood
*Capabilities:	Bottle Types: All Shapes and Sizes Bottle Heights: Up to 13 in (335 mm)	
Main Electrical Supply for Blowers:	230 V, 380 V, or 460 V; 50/60 Hz, Three Phase	
Electrical Equipment:	Control Box (Standard) Heating and Cooling Systems (Optional)	
Center Section Widths:	4, 6, 8 in (105, 155, 205 mm) Special Sizes Available Upon Request	
Height w/ Exhaust Harness:	68 in (1730 mm)	
Length:	50 in (1270 mm)	59 in (1500 mm)
Width w/ 6 in (155 mm) Center Section:	48 in (1220 mm)	
Approximate Assembled Weight:	800 lb (365 kg)	875 lb (400 kg)
^u Line Production:	Up to 400 bpm	More than 400 bpm

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*Other factors such as ware mass, ware spacing, and other plant conditions must be taken into consideration when determining the capabilities of the C3 & C4 Hoods.

BEFORE HANDLING THIS MATERIAL, READ AND UNDERSTAND THE MSDS (MATERIAL SAFETY DATA SHEET) FOR ADDITIONAL INFORMATION ON PERSONAL PROTECTIVE EQUIPMENT AND FOR SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION.

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