

Batch Cure Chambers



- **Heavy Duty Bolted Construction**
- **Flat Roof or Angled Top Lighting**
- **Temperature Range Up to 160°F**
- **Available in a Wide Range of Designs to Meet Any Production Requirement**

Col-Met's Batch Cure Chambers are designed to quickly cure your parts as they go through the finishing process. Since the drying phase is accelerated, our batch cure chambers are an excellent solution for companies with high production needs.

Heated air is provided through the intake plenum by an air makeup unit (heat range up to 160°F). Typically this unit is designed to recirculate 80 percent of the heated air from the exhaust plenum back into the chamber and the remaining air to be exhausted is removed from the exhaust plenum via the provided exhaust fan. Col-Met's Batch Cure Chambers are available standard as a solid back but can also be designed as drive-through configuration.



Features

- >> **Heavy Duty Construction** Constructed from 18-gauge, prime quality-galvanized steel. Designed for easy installation, panels and support members are precision punched for easy nut and bolt assembly.
- >> **Superior Doors** Windowed personnel access doors are pre-hung in a heavy gauge galvanized steel frame for easy installation. Our standard man door is 36" wide, making the booth easily accessible.
- >> **ETL and UL-Listed Control Panel** UL 508a listed controls in NEMA 12 Enclosure - Variable Frequency Drive (VFD) to control booth exhaust fan for user-friendly booth pressure balancing.
- >> **Efficient Fans & Motors** Quality brand-name exhaust fan and motor.
- >> **Air Make-Up Unit** Designed for optimal fuel efficiency, Col-Met EZ Heat & Cure Air Makeup Units deliver filtered heated air evenly throughout your booth. Precision controlled to minimize temperature variations; they effectively remove particulates from the air that can negatively affect the quality of your finish. Also included is a chamber mounted temperature probe to measure chamber temperature.
- >> **Meets Quality Standards** Col-Met Batch Cure Chambers comply with applicable NFPA regulations.



Batch Cure Chamber Interior



AMU Control Panel

Options

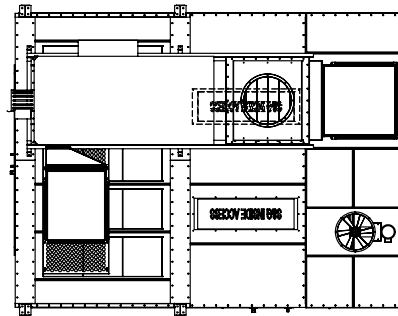
- >> Durable powder coated white option available
- >> 2" Insulated panels up to 180° F
- >> Smart Touch PLC control panel
- >> Roll-up, tri-fold or bi-fold doors available
- >> Drive-through configuration
- >> Height, width and depth can be custom designed to meet specific requirements

Selecting a Size

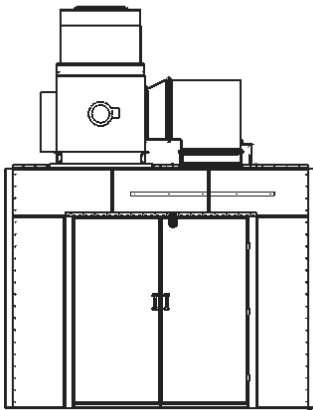
Col-Met can design and build batch cure chambers in a variety of sizes and configurations. Although our team can engineer a custom chamber to fit your needs, below are standard sizes that are quickly available to you.

Model Number	Interior Dimensions			Exterior Dimensions			Access Doors	Nominal Door Opening				Qty Lights	AMU		80% Recirc CFM	Exhaust Fan		
	Width	Height	Depth	Width	Height	Depth		Width	Height	Qty	Type		CFM	Model		CFM	Size	HP
BCC-12-08-16-P-SB	12	8	16	13	16'-8"	16'-4"	1	8	8	8	Solid	2	8,160	EC-812K-H	6,528	1,632	18	3/4
BCC-14-10-22-P-SB	14	10	22	15	18'-8"	22'-4"	1	10	10	1	Solid	2	11,900	EC-812K-H	9,520	2,380	18	3/4
BCC-16-16-34-P-SB	16	16	34	17	25'-7"	34'-4"	1	12	16	1	Solid	4	21,760	EC-2026K-H	17,408	4,352	18	1.5

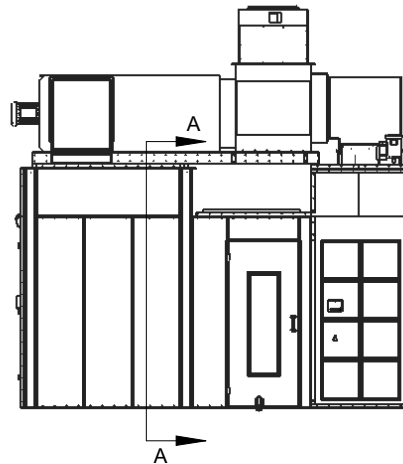
Alternative Configuration: Drive Through



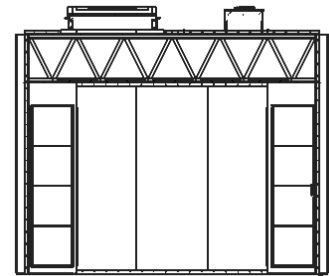
Plan View



Front View



Side View



Section A-A