

SPRAY-CURE™ B-Series

Direct-Fired Heating, Ventilation and Make-up Air Systems

- Saves time and money – No heat exchangers, flues or reflectors to clean and maintain. Heaters built with high quality, UL or CSA listed components.
- Quick delivery – Most heaters built and shipped in days.
- Versatile design meets shop space demands – Heaters can be mounted indoors or outdoors, and can be used with down draft, semi-down draft and cross draft spray booths. Makeup air also available for prep deck and stations.
- Low-cost installation – Advanced SPRAY-CURE™ technology helps reduce cure time and increase productivity.
- Positive pressurization helps improve operation and paint job quality - SPRAY-CURE™ heaters bring in a controlled amount of fresh, tempered air, which helps keep dirt and debris out.
- Energy-efficiency helps reduce energy costs - SPRAY-CURE™ heaters are 100% thermally efficient, which means that all of the heat generated by combustion is released into the spray booth, minimizing heat loss.



1.800.255.3416



SPRAY-CURE™ B-Series

B-Series with SPRAY-CURE™ technology air handlers help improve spray booth air quality and shop productivity.

Model	B-350	B-650	B-1000	B-2000	B-3000	B-4000	B-5000
CFM	1,000 - 4,000	4,000 - 10,000	7,000 - 14,000	12,000 - 25,000	25,000 - 40,000	35,000 - 47,500	45,000 - 60,000
Output [MBH]*	110 - 400	440 - 756	760 - 1500	1300 - 2700	2700 - 4100	3780 - 5130	4860 - 6480

* 1MBH = 1,000 Btu/h



B-3000 Heater

The B-3000 is typically applied to larger size truck booths or aircraft finishing facilities.

B-1000 Vertical Heater

The B-1000 vertical heater is an economically priced space saver - it doesn't take up floor space.



B-2000 Heater

The B-2000 is generally applied to truck booths and multiple prep stations.



B-1000 Heater

The B-1000 is used in conjunction with new or existing automotive spray booths.

SPRAY-CURE™ B-Series Features

Reliable, Efficient System Operation Provided by:

- 30:1 fully modulating burner that maintains 100% combustion efficiency.
- Double-width, double-inlet, forward-curved centrifugal fan built for long life.
- Energy-saving ignition system.
- System that puts 100% of the available heat in the airstream, not out a flue.
- Unit that uses up to 50% less energy.
- Remote Control Panel for easy operation and remote temperature adjustment.
- Electronic fuel modulation providing immediate response.
- UV scanner for excellent reliability and durability on Models B-650 — B-5000.
- Temperature dial for quick, easy adjustment.
- Compliance to ETL per ANSI Z83.18 or Z83.4 standards.
- Industry-leading 80-point checklist to help facilitate trouble-free startup.
- Weatherproof fusible disconnect.
- Adjustable drive sheaves.
- Self-checking flame relay.
- Dual safety and manual safety shut-off valves.

Ease of Maintenance Provided by:

- Large access panel for easy maintenance of blower, motor, drives and burner.
- Blower installed downstream of burner for convenient access.

Long Lasting Construction Provided by:

- Heavy-duty, corrosion-resistant, galvanized steel construction.
- Sturdy, integral frame that is screwed and bolted together for durability and longer service life.
- Unpainted galvanized steel or white finishes available.
- Heavy-duty, factory-installed motor and drive package designed for long-lasting, performance.
- Heavy-duty, pre-lubricated bearings provide up to 30,000 hours of ABMA L-10 performance.
- Enclosed weatherized cabinet.

Other B-Series Options:

- 1 Ø ODP/TEFC Motor.
- Profile damper (Included as standard on B-4000 and B-5000).
- 10" or 20" Roof Curb simplifies rooftop mounting.
- Inlet Hood protects against water entrainment.
- Filter Section with polylink or aluminum filters for longer equipment life of internal components.
- Motorized inlet and discharge dampers.
- FM/IRI approved gas trains.
- Upright heater stand or legs of varying heights.
- Variable frequency drive.

B-Series SPRAY-CURE™ Controls' Options:

- Remote Control Panel with burner and blower switches for easy operation.
- 120 V control transformer.
- Auxiliary relays for exhaust fans.
- Digital temperature display.
- Purge and cure timers.
- Remote discharge temperature control.
- Variable speed exhaust controls.

Generation III SPRAY-CURE™ B-Series Features

- Recirculation box pre-engineered into vertical unit for use of return air.
- For downdraft paint booth applications.
- Easy setup and smooth integration without need for elaborate ductwork.
- Reducing use of outside air during cure mode by 40% allows for:
 - Reduced cure time.
 - Gas savings.
 - Higher product throughput.

Standards

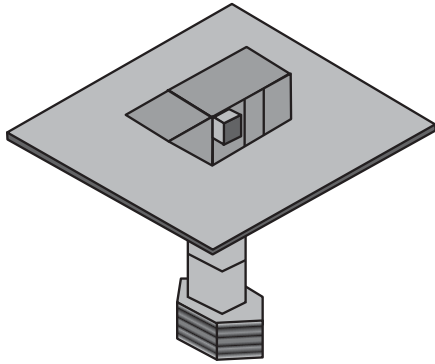
- All heaters are built to the latest ANSI Standards Z83.4b-2002 specifically for SPRAY-CURE™ applications

Patents

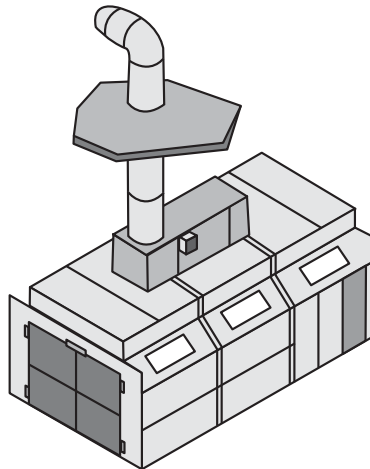
- U.S. 4429679
- Canada 1, 189840
- Germany DE 3236343
- Great Britain GB2119082B & GB2158571B

Installation Options

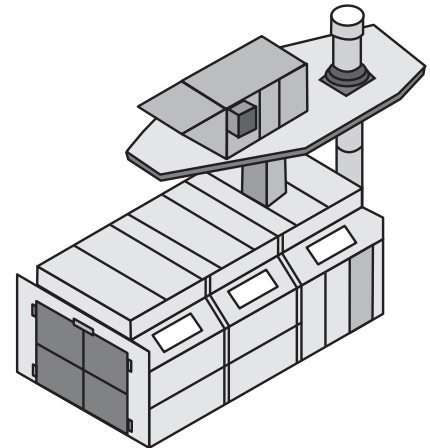
Outside Roof Mounted -
Bottom Discharge



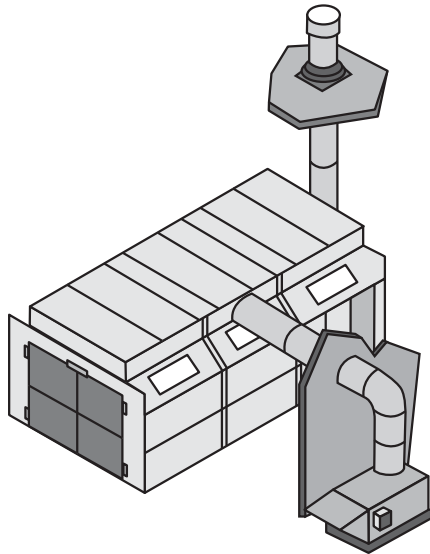
Booth Ceiling Mounted -
Bottom Discharge



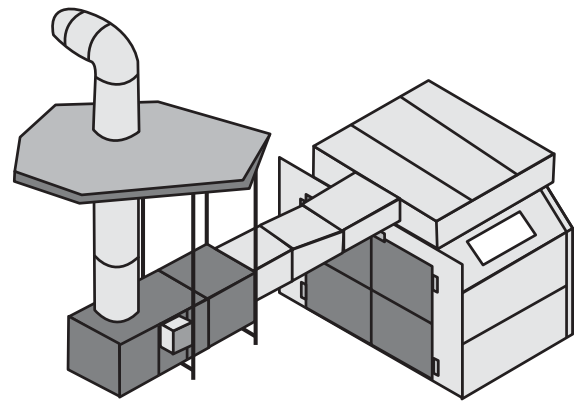
Outside Roof Mounted -
Bottom Discharge



Outside Pad Mounted - Top Discharge



Inside Ceiling Suspended - End Discharge



Installation Code and Annual Inspections:

All installations and service of BANANZA® products must be performed by a contractor qualified in the installation and service of products sold and supplied by Bananza and conform to all requirements set forth in the BANANZA® manuals and all applicable governmental authorities pertaining to the installation, service and operation of the equipment. To help facilitate optimum performance and safety, Bananza recommends that a qualified contractor annually inspect your BANANZA® products and perform service where necessary, using only replacement parts sold and supplied by Bananza.

Further Information: Applications, engineering and detailed guidance on systems design, installation and product performance is available through BANANZA® representatives. Please contact us for any further information you may require, including the Installation, Operation and Service Manual.

This product is not for residential use.

This document is intended to assist licensed professionals in the exercise of their professional judgement.

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