

BANANZA

100% Thermal Efficient, Direct-Fired, Make-Up Air Systems

For Ventilation, Heating and Curing
in Paint Booths and Finishing Areas



SPRAY-CURETM B-Series

- Helps reduce cycle time and increase productivity with advanced SPRAY-CURETM technology.
- Can facilitate improved operation and paint job quality through pressurization.
- Can meet shop space demands with array of configurations.
- Helps reduce energy costs due to 100% thermal efficiency.
- Long lasting unit provided by heavy-duty, corrosion-resistant, galvanized steel construction.
- Easy maintenance of blower, motor, drives and burners with large access panels.
- Heaters are listed to ANSI Z83.25/CSA 3.19 direct gas-fired process air heaters.



BANANZA® B-Series with SPRAY-CURE™

Designed for the unique needs of the finishing market, BANANZA® B-Series air handlers with SPRAY-CURE™ technology help maintain a pressurized condition in the finishing facility or paint booth. Introducing a controlled amount of fresh, tempered air, can keep dirt and debris out, helping reduce finishing time while improving productivity, operation and finishing quality.

The air handlers are sized and designed according to the exhaust rate requirements of the paint booth or finishing facility. SPRAY-CURE™ units help enhance the performance of the exhaust and filtering system. During the curing cycle, super-heated air is circulated to speed cure time and improve efficiency of the finishing process.

Air handlers utilizing recirculation, can deliver high temperatures in cure mode and aid in reduced fuel usage. Additional energy savings can be realized by the unit's 100% thermal efficiency. Proper booth pressurization in the finishing facility or paint booth, helps minimize heat loss.

Model		B-650	B-1000	B-2000	B-3000
CFM		5,000 - 10,000	11,000 - 14,000	16,000 - 25,000	27,500 - 40,000
Output [MBH]*	NG	594 - 1,188	1,306 - 1,663	1,900 - 2,970	3,267 - 4,752
	LPG	486 - 972	1,069 - 1,360	1,553 - 2,430	2,673 - 3,888

* 1MBH = 1,000 Btu/h. Output range indicated at maximum temperature rise, the maximum rise for the B-650 to B-3000 is NG/LPG=110/90 Degree F at 100% outside air.

100% Thermal Efficient in Curing of Paint, Coatings and Finishes for:

- Automotive Paint Booths
- Industrial Components and Parts Finishing
- RV, Truck, Boat/Marine Paint Booths and Buildings
- Cabinets and Woodwork Finishing and Varnishing
- Aircraft Parts Finishing and Paint Hangars
- Furniture Finishing and Varnishing

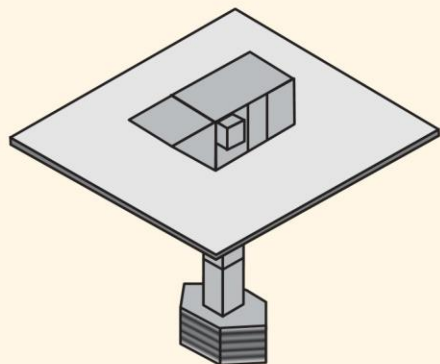


						
Remote Panel	Basic II (Cure)	Basic II (Spray)	Digital Dual #1	Dual #2	Digital 60-160	Deluxe Digital
Used for Curing Paint	Yes	No	Yes	Yes	Yes	Yes
Used for Spraying Paint	No	Yes	Yes	Yes	Yes	Yes
Discharge Air Temperature ° F (° C)	120 - 170 (48.9 - 76.7)	55 - 90 (12.8 - 32.2)	60 - 90 (15.6 - 32.2) / 80 - 180 (26.7 - 82.2)	55 - 90 (12.8 - 32.2) / 120 - 170 (48.9 - 76.7)	60 - 160 (15.6 - 71.1)	60 - 90 (15.6 - 32.2) / 80 - 180 (26.7 - 82.2)
	Discharge temperature remains constant as selected on temperature selection dial.					
	Single analog temperature selection dial.		Two temperature selection dials with digital display.	Two analog temperature selection dials.	Single temperature selection dial with digital display.	Two temperature selection dials with digital display.
Fan ON/OFF Switch	Yes	Yes	Yes	Yes	Yes	Yes
Burner ON/OFF Switch	Yes	Yes	Yes	Yes	Yes	Yes
Light ON/OFF Switch	Yes	Yes	No	Yes	Yes	Yes
SPRAY-CURE™ Mode Selector Switch	No	No	Yes	Yes	No	Yes
Indicator Lights	Yes	Yes	Yes	Yes	Yes	Yes
Other Controls	No	No	Adjustable speed controls for exhaust fan in spray and cure mode.	Adjustable purge and cure timers.	Adjustable speed control for exhaust fan and booth pressure gauge. Optional: burner lockout indicator light, remote reset push button and check filter indicator light.	Adjustable speed controls for exhaust fan in spray and cure mode and booth pressure gauge. Adjustable timers for purge, cure and cool down. Optional: burner lockout indicator light, remote reset push button and check filter indicator light.
Burner Flame	Modulated by discharge temperature control, governed by remote temperature selector.					
Nema 1 Enclosure	Yes	Yes	Yes	Yes	Yes	Yes
FAN ON/BURNER OFF Mode	Blower can operate without burner. Air handler operates continuously, supplying make-up air.					
FAN ON/BURNER ON Mode	Air handler operates continuously, supplying heated make-up air and maintaining constant discharge temperature.					
FAN/BURNER ON - Spray Mode	No	Yes	Yes	Yes	Yes	Yes
FAN/BURNER ON - Cure Mode	Yes	No	Yes	Yes	Yes	Yes

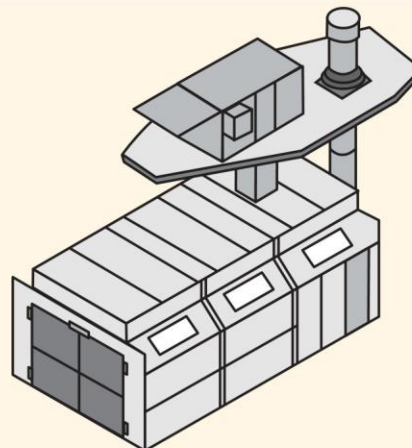
Installation Options

BANANZA® B-Series air handlers with SPRAY-CURE™ technology are available in flexible configurations, helping allow for mating to various finishing facilities or paint booths. Units can be mounted indoors or outdoors (building rooftop or side wall locations) and can be used with down draft, semi-down draft and cross draft spray booths. These units can be ideal for retrofit and replacement of old or inefficient units. Paint prep stations can also utilize direct-fired make-up air.

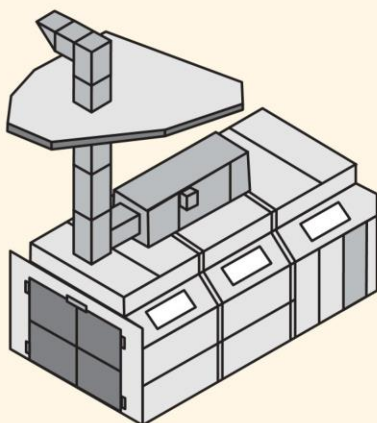
Roof Mounted, Horizontal, Bottom Discharge



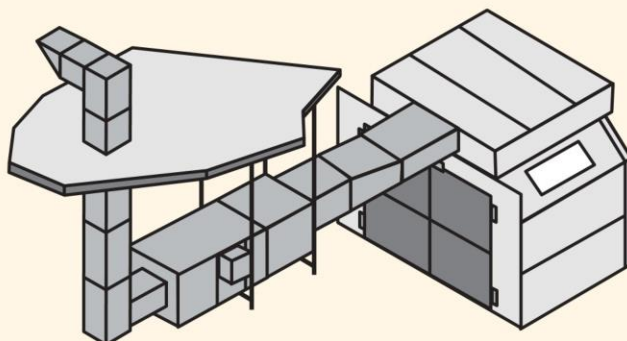
Roof Mounted, Horizontal, Bottom Discharge



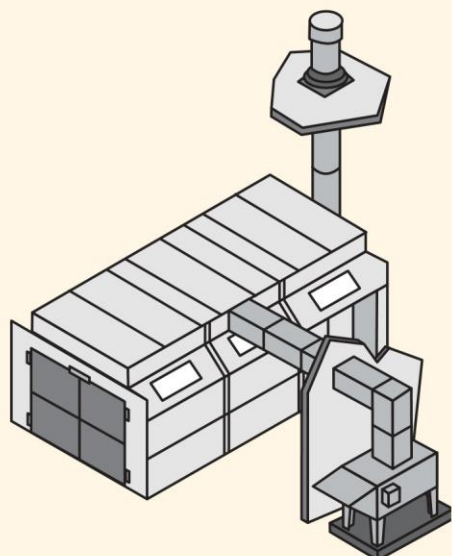
Booth Mounted, Horizontal, Bottom Discharge



Ceiling Suspended, Horizontal, End Discharge



Pad Mounted, Horizontal, Top Discharge



Pad Mounted, Upright, Side Discharge

