



FULL DOWNDRAFT SPRAY BOOTH

The Zephyr



Superior Airflow

Dual inlet reverse incline fans for more consistent air flow

Premium Lighting

Horizontal orientation for virtually shadow free illumination

Uncompromised Quality

Dual Skin Construction
Heavy Duty Doors
Long reliable service life

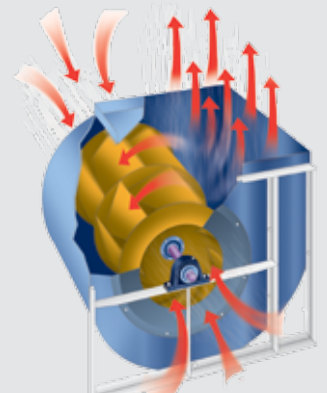
Innovative Controls

PCL based Logic, Garmat USA controls are available in Touchscreen, Touchpad and Standard Design

Garmat® USA's Zephyr Paint Booth is our most economically priced Down Draft Spray Booth. The Zephyr gives you the reliability and performance you have been looking for, in an economical package that fits most budgets.

- Dual Inlet Reverse Incline Fans with Airfoil Blades on exhaust
- Superior lighting, horizontally placed for virtually shadow free illumination
- Single row pit equipped with light weight, heavy duty grates

Garmat Downdraft Paint Booths feature dual inlet reverse incline fans providing the most consistent airflow of any downdraft booth on the market.



Dual Inlet Reverse Incline Fans with Air Foil Blades for more consistent airflow



Cabin Design

● Cabin Construction

- Insulated dual skin white powder coated galvanized steel interlocking wall panels
- Drive in back out / Drive-thru models available

● Lighting

- 27' model comes with (14) 4-tube light fixtures for a total of 56 tubes on DIBO or DT
- Light fixtures are equipped with 4 energy efficient T8 5000K color corrected fluorescent tubes
- Horizontal orientation for shadow free illumination
- Interior accessible for easier maintenance
- Dual voltage (120/277) electronic instant start ballasts
- Interlock switch disables painting operation when light access door is open
- ETL and ETL-C listed
- 6-tube, 8-tube, LED and reflector upgrades available

● Filtration

- Pre-Filtration: Long lasting washable pre-filters reduce contamination of ceiling filters
- Ceiling Filters: Ideally sized segments allowing for ease of replacement. Filters are held in position by steel knife-edge closures. Achieves 99% capture efficiency on 10 micron particulate
- Extract Filtration: Premium fiberglass paint arrestor filters are utilized for maximum particulate removal



● Pit Design

- Single Row Pit is standard, 3-Row upgrade is available
- Heavy Duty Light Weight Galvanized Pressed Steel Grates
 - Lighter than welded grates while providing the same load bearing capabilities
 - Easily serviced by one person
 - Grates run the entire length of the pit
- Galvanized steel plate filter supports
- Pit and Plenum balancing plates for balanced airflow

External Dimensions			Internal Dimensions		
L	W	H	L	W	H
24' 4-3/8"	13' 6-5/8"	10' 10"	23' 11-5/8"	13' 1-1/2"	8' 10-1/2"
27' 2-1/4"	13' 6-5/8"	10' 10"	26' 9-1/4"	13' 1-1/2"	8' 10-1/2"

● Doors

Entrance/Exit

- 10'W trifold doors with durable v-seal rubber gaskets for an airtight seal
- Flush mounted tempered observation windows in all doors (32"x35")
- Heavy duty easily adjustable hinges with grease zerk fittings
- Heavy duty latches and handles for years of reliability
- Locking hardware built inside to minimize dirt collection zones

Side Service Door

- Standard on drive-in back out
- Large flush mounted observation window (28"x35")
- Durable v-seal rubber gasket for airtight seal
- Panic latch
- Heavy duty easily adjustable hinges with grease zerk fittings

Fire Suppression

- Designed to accept fire suppression equipment
(supplied by others)

Operations & Controls

● Mechanical Configuration

- 7.5 HP forward curve centrifugal supply fan
- 7.5 HP dual inlet reverse incline exhaust fan
- 840K BTU direct fired burner

● Paint Cycles

Spray

- Air is heated prior to passing through cabin ceiling filters

Bake

- 80% - 90% recycle on bake
- Rapid temperature rise
- Fully automatic purge and cool-down cycle



● Control Panel

- ETL UL508 listed control panel features PLC which sequences spray and bake mode temperature settings

Options

- Accele-Cure®
- 3-Row pit upgrade available
- Blower systems
- Production enhancing accessories
- Air Knife
- Outdoor temper resistant doors
- Upgraded frontals
- Light Protection Film
- Drive-Thru
- Upgraded Mechanical

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CODE COMPLIANCE*

Garmat equipment is built to meet or exceed all applicable codes

ETL listed

Conforms to NFPA 33 Standards

National Emission Standards for Hazardous Air Pollutants – NESHAP SubPart HHHHHH

OSHA Safety and Health Standards (29CFR 1910.107)

*Code compliance is dependent upon the manner in which the equipment is installed and used. The equipment installation is dependent on the local jurisdiction authorities. To ensure compliance it is recommended that Garmat equipment be installed by a certified Garmat Distributor.