



Modified Downdraft Spray Booth

TIER 1



Space Saving Design

*Mechanical integrated into the roof
freeing up valuable shop space*

Pitless

*Saves on installation
No grates to move*

Energy Efficient Lighting

Upgraded lighting packages available

Uncompromised Quality

*Single Skin Construction
Heavy Duty Doors
Long reliable service life*

The Tier 1 Series has the signature Garmat USA quality and reliability with value options to make it an excellent environment for your refinish requirements.

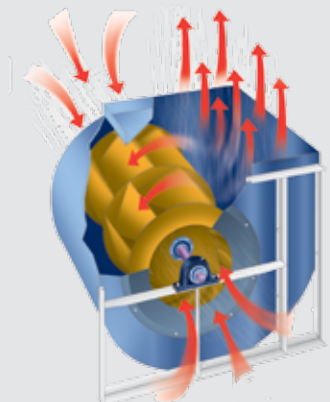
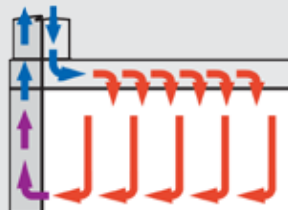
Featuring Garmat's patented airflow technology. The mechanical is integrated into the roof, saving valuable shop floor space and installation time.

- Integrated mechanical frees up valuable shop space
- Save on installation, no need to excavate a pit
- Available in heated and non-heated models
- Single skin construction

The Tier 1 features dual inlet reverse incline fan on exhaust, providing the most consistent airflow of any modified downdraft booth on the market.



Shown with upgraded lighting package



Cabin Design

● Cabin Construction

- Single skin powder coated galvanized steel wall panels
- Drive in back out / Drive thru models available
- Custom height and length configurations available

● Lighting

- 24' model comes with (8) 4-tube light fixtures for a total of 32 tubes
- 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

● Exhaust Configuration

- Modified downdraft air flow (no pit), downdraft models available
- Easy access exhaust filters towers at the rear of the booth
- Mechanical integrated into roof – saves space

● Filtration

Intake Filters

- Features the most square footage in the industry
- Ideally sized to allow easy replacement
- Held in position by steel knife edge closure
- 99% efficient on 10 micron particulate

Exhaust Filters

- Bag filters design provides 54% more useable surface area than competing filter designs
- EPA 6H compliant / 99% capture efficiency
- Easy access – no grates to move



Garmat modified downdraft spray booths offer more total filter area than competing brands!

**MORE FILTER AREA = LONGER FILTER LIFE
= LOWER PRESSURE DROPS**

● Doors

Entrance/Exit

- 10'W trifold rubber sealed doors
- Flush mounted tempered glass windows in outer leafs
- Heavy duty easily adjustable hinges with grease zerk fittings
- Heavy duty latches and handles for years of reliability

Side Service Door

- Standard on drive-in back out
- Large flush mounted observation window

Fire Suppression

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

Operations & Controls

● Mechanical Configuration

- (1) 7.5 HP dual forward curve centrifugal fan on intake
- (1) 7.5 HP dual inlet reverse incline fan on exhaust
- 997K BTU direct fired burner (heated models)

● Paint Cycles (Heated Models)

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®
- Upgraded frontals
- Blower systems
- 6 & 8-tube light fixture upgrades
- Drive-thru
- Additional light fixtures
- Exhaust pits
- Production enhancing accessories

| 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" |

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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.