



MODIFIED DOWNDRAFT SPRAY BOOTH



Space Saving Design

Mechanical integrated into the roof freeing up valuable shop space

Pitless

*Saves on installation
No grates to move*

Energy Efficient Lighting

Horizontal orientation for virtually shadow free illumination

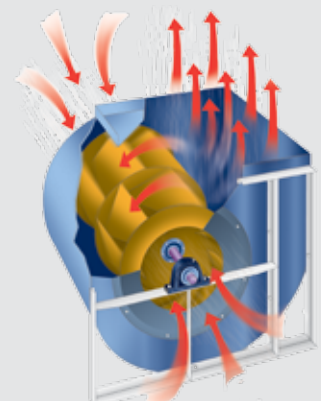
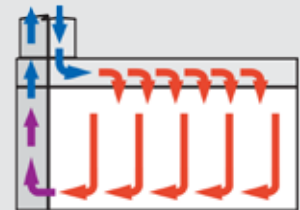
Uncompromised Quality

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

The Frontier sets the standard for performance and offers the features that make this booth a production powerhouse. Featuring Garmat's patented airflow technology (US Patent 6533654B2). The modified downdraft airflow surrounds the vehicle and is drawn through filters at the rear floor of the cabin. The mechanical is integrated into the roof, saving valuable shop floor space and installation time.

- Pit-less design saves on installation
- Cabin footprint only, no mechanical on the side
- Reduced fuel cost with recycle on bake function
- Fast temperature rise with direct fired burner
- Available in downdraft exhaust models
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The Frontier features dual inlet reverse incline fan providing the most consistent airflow of any modified 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 22 4-tube light fixtures for a total of 88 tubes on Drive-thru models (21/84 DIBO)
- 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

● 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**

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"
31' 10-1/4"	13' 6-5/8"	10' 10"	31' 5-5/16"	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

- (2) 5 HP forward curve centrifugal supply fan
- (1) 10 HP dual inlet reverse incline exhaust fan
- 1 MBTU direct fired burner *(heated models)*

● Touch Screen Controls

- ETL listed Control Panel features PLC which sequences spray and bake mode temperature settings
- Stores up to 8 paint recipes
- User friendly interface featuring touch screen and switches
- Maintenance and self-diagnostic functions
- Data retrieval capabilities with upgraded software
- Upgrade to WiFi connectivity for smartphone, tablet and PC operational capabilities



Options

- Accele-Cure®
- Blower systems
- Air Knife
- Upgraded frontals
- Drive-Thru
- Downdraft Exhaust Pits
- Production enhancing accessories
- Outdoor temper resistant doors
- 6 & 8-tube light fixture upgrades
- LED's and reflector options

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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.