

WeldStation LEAF DUAL Specifications



Specifications

- Filter Cartridges:** (4) Cellulose Flame Retardant Media
Filter Media : 226 sq. feet of media each, totaling 904 sq. feet of media
Motor/Blower: 5 HP, Direct Drive, Backward Incline Blower
Electrical Requirements:
 3 Ph: 208, 240, or 460 Volt, 6A-19A
Air Flow: 4,000 CFM (2,000 CFM Per Booth for Dual)
Built-in Spark Arrestance:
 (2) 24"x24"x2" Metal Spark Baffle
 (2) 24"x24"x2" Metal Mesh
Pulse Valve: (2) 1" Pulsing Valves, Pulse Controller for automatic or manual operation
Compressed Air Requirements: 1" NPT compressed Air Connection; 70-90 PSI Required
Silencing: Internal Noise Abatement in Motor/Blower Compartment, 60-74 DBA
Weight: 2,100 lbs (Standard Dual with no options)
Dimensions of Booth:
 Standard 5': 72"H x 58"W x 41"D
 3', 4', 6' secondary booths available; 6' main booth available



TUV SUD America Inc. approved Industrial Control Panel
 Standard: UL 508A: 2005; CAN/CSA C22.2 NO. 14: 2005
 Manufacturer No.: 78318
 Serial No.: See Electrical Panel Nov 2006.04



Side-By-Side Configuration

*Riser adds 12"
 (136" Total)

Standard Features

- VFD:** A Variable Frequency Drive for soft start and increased motor life.
Economizer: Automatic start/stop based on welding arc.
Electrical: NEMA 12 Electrical Enclosure with integrated disconnect switch, motor starter, overload, and start/stop button.
Heavy Duty Construction: Fully welded 12 gauge steel.
Table: 3-position adjustable work table

Optional Features

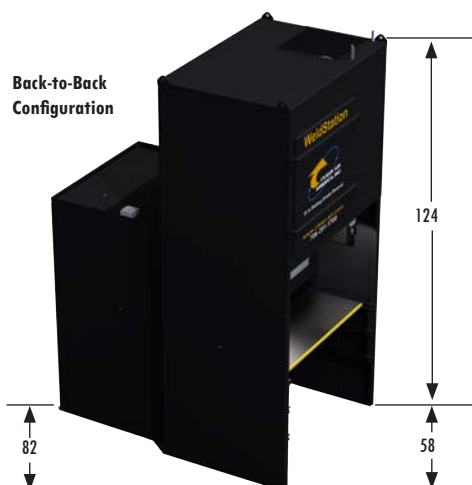
- Weld Curtain:** Better containment of smoke.
Riser: Adds 12" to booth height
Nano Fiber Filters: MERV 15 rated filter for increased filtration and life span.
Second LED Light: Additional lighting
Positioners: Overhead and Floor mounted positioners available.
Other Options: Fume Arm, Down Draft Table, and tool drawer

Fire Protection

- Flame Retardant Filter Material
- Integrated / removable spark arresters:
 (2) 24"x24"x2" Metal Mesh
 (2) 24"x24"x2" Spark Baffles.
- Clean Air Fire Suppressor™ option

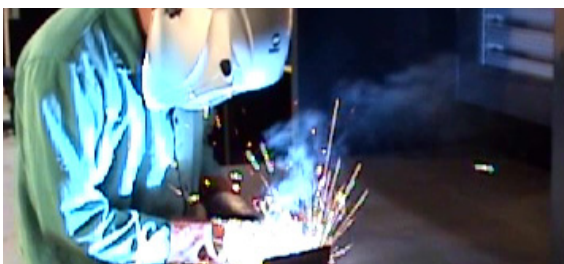
Blower & Motor

- Blower: Backward incline, air foil high efficiency
- Direct drive, no belts or chains
- Three phase power
 3 Ph. : 208, 240, or 460 Volt, 6A - 19A
- 5HP motor
- 3,450 RPM motor
- Air volume 4,000 CFM



Back-to-Back Configuration

Part #	Description
31101-5-3	5' Main with 3' Secondary
31101-5-4	5' Main with 4' Secondary
31101-5-5	5' Main with 5' Secondary
31101-6-3	6' Main with 3' Secondary
31101-6-4	6' Main with 4' Secondary
31101-6-5	6' Main with 5' Secondary



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