

# WeldStation LEAF Specifications



## Specifications

- Filter Cartridges:** (4) 100% Cellulose flame retardant media
- Filter Media :** 226 sq. ft./media each, totaling 904 sq. ft./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
- 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:** 1,600 lbs (Standard Dual With No Options)
- Dimensions of Booth:** Standard 5': 72"H x 58"W x 41"D



## 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
- 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



1. Clean air exhaust on top of booth
2. Electrical Panel w/ Start/Stop Button
3. 3 Position Adjustable Table
4. Intake Baffles
5. Filter Access Door