

WELDTRON 2000

Backdraft Welding Workstation



A Self-Contained Workstation for Welding Labs

Maximizing Floor Space with Complete Flexibility

The Weldtron has a small footprint with the compact filtration module stacked above the table; filter access is at the front, and the clean filtered air discharges upward. The smooth sides and back allow multiple units to be placed together (side-by-side and back-to-back) for maximum space economy.

Two Models

Our standard Weldtron 2000 is 4' wide by 8.5' tall. We also offer the Weldtron 2000-IWS, a larger unit 6' wide by 10' tall which has all the features of the Weldtron 2000 while also meeting the dimension requirements for certification by the AWS.

Easy to Use, Easy to Maintain

Delivered completely assembled, the Filter 1 Weldtron requires no ducting or installation. Place wherever desired in the lab, add a welding machine, connect power, and you are ready to weld. The standard panel filters are easily accessed and the pressure gauge indicates when filters need to be replaced.

Outstanding Energy Efficiency

The Weldtron provides an exceptional 2000 CFM @ 1 HP. The operating airflow rate is only 25% of the airflow capacity of the panel filters; this results in a low pressure drop, high dust holding capacity, and a greatly reduced operating cost per pound of dust collected.

Designed with the Student in Mind

Personal Work Space

Individual work cell is isolated from adjacent workstations and provides a generous work surface for the W-2000 of 12 square feet (36"D x 48" W), and for the W-2000-IWS of 24 square feet (48"D x 72" W). The enclosure provides flash protection, sheltering the welder's eyes from arc strikes and sparks of welding operations on either side. Each workstation also has integral fluorescent lighting and electrical outlets.

Ergonomics

Table surface is adjustable from 28" to 36" high to accommodate to the height of various students and the dimensions of the parts being welded.

Noise Control

With its accoustical liner in the blower compartment, the Weldtron features a low sound level of 72/73 dBA, facilitating optimal communication and working conditions in the lab.

Built-In Safety

The work surface of the Weldtron is rubber-mounted for insulating against any extraneous welding currents and protecting against damage to the unit. The table also includes a grounding lug for the welder.



*Guaranteed to meet or exceed
OSHA requirements.*

1-800-289-0189

FILTER 1

ENGINEERED SOLUTIONS FOR INDUSTRIAL NEEDS

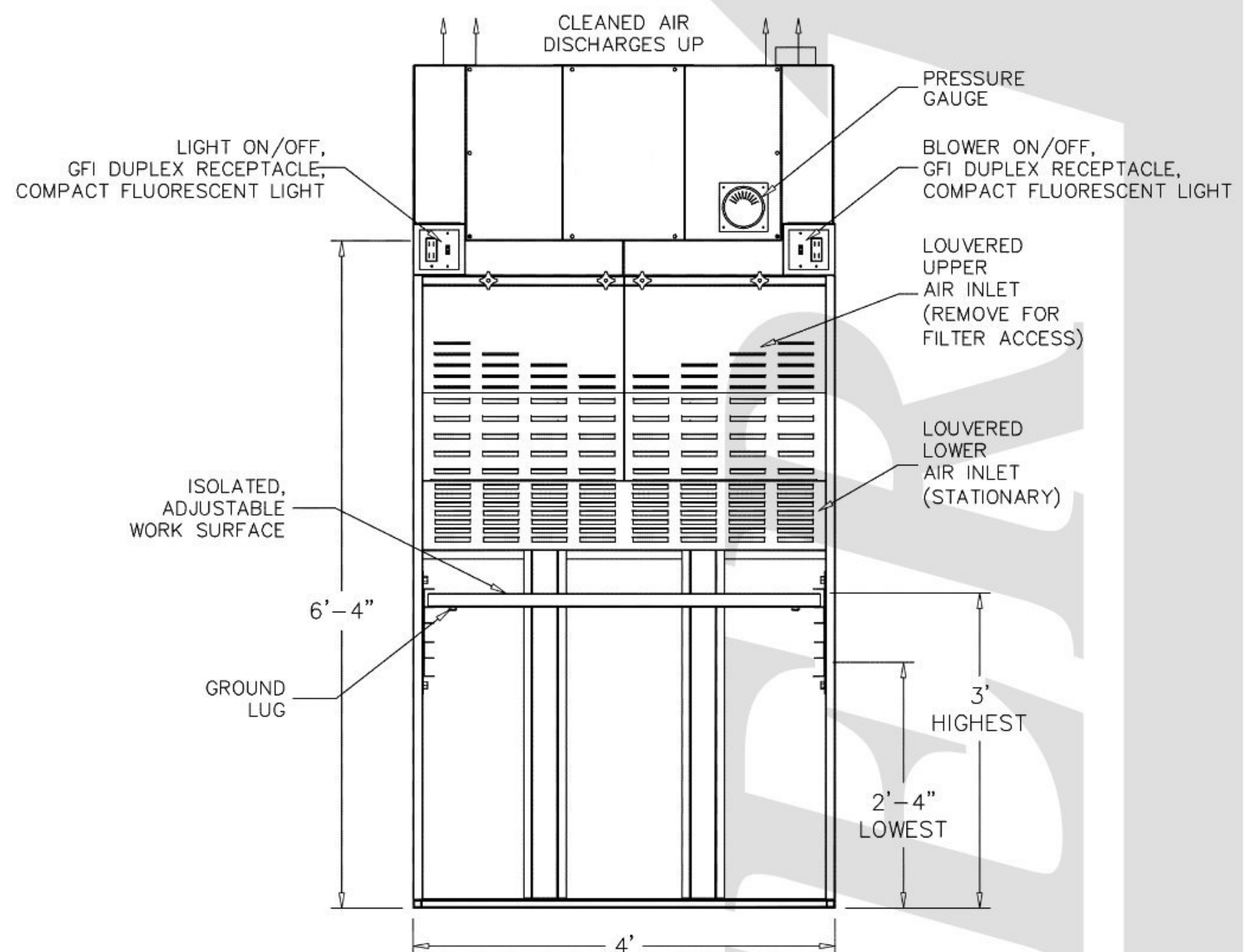
School Welding Stations

WELDTRON 2000

Ultimate Solution for Welding Training



Weldtron 2000-IWS
6' Wide, 8' Tall Inside



Specifications

- **Air Flow (CFM)** 2000
- **Motor** 1 HP, 1750 rpm TEFC w/ Overload Protection
- **Electrical** 110/1/60v 11.4 amps, (2) GFI Duplex Receptacles
- **On/Off Switch** Included
- **Standard Filters** Spark-resistant 24"x24"x2" MERV 13 Disposable Panel Filters
(Three filters in series) 18 sq. ft. filter media, each; qty: 12; 216 sq. ft. total
- **Pressure Gauge** (Indicates need for filter replacement) Included
- **Noise Level (dBA)** 72/73
- **Blower** Direct drive, dynamically balanced, backward inclined
- **Construction** Welded, heavy-gauge carbon steel
w/ industrial acrylic enamel paint throughout
- **Work Surface** 12 ga. carbon steel
W-2000 Dimensions: 3'Dx4'W; W-2000-IWS Dimensions: 4'Dx6'W
Isolated from cabinet w/ 4 rubber grommets
Adjustable from 28" to 36" height
- **Lighting** (2) High-efficiency, 26 watt compact flourescents
producing 100 watt equivalent, each

Filter 1 has a policy of continuous design improvement and reserves the right to update designs and specifications without notice.

FILTER 1

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