The SDT-3/SDT-5 downdraft tables are Avani’s newest design. With the welder in mind, it features backdraft and downdraft exhaust and explosion proof lighting. This table is a great choice for plasma processes with heavy smoke.

Built In 5/8” Fixture Holders

80/20 Extraction or 100% Downdraft
Features

- High efficiency (re-usable) cartridge
- 99.9% @ 1 micron
- Heavy gauge powder coated steel
- Accepts 5/8” Jig Fixtures
- Manual Reverse jet pulse cleaning
- UL approved control panel
- Easy access filter doors
- (2) Electrical outlets
- Differential pressure gauges

Options

- Explosion proof light
- Designed to either exhaust 80% back-draft and 20% downdraft
- Explosion proof vents
- Different filter media
- Silencers: inlet and outlet
- Rotary air lock
- Customized colors

Specifications:

- Nominal Air Flow: 1500 cfm
- Motor: 3 HP NEMA
- Motor Power Supply: 230/460v/60Hz/3 phase
- Aluminum Fan Impeller
- Dimensions: 58 in x 47 in x 71in
- Weight: 1100 lbs

2 phase filtration:

- Stage one: (2) aluminum mesh filters to capture sparks and steel chips
- Stage two: (3) Pleated cartridge filters with manual pulse jet cleaning

Table Style Variations: To the right includes a fume arm

Below is 100% downdraft. Table can also be made with a 5HP motor