DT4-6-5500-20
(for use with 10' ZDT, up to 300A plasma)

A Fork Pockets
B Clean Air Exhaust
C Filter Access Door
D Motor
E Electrical Enclosure
F Compressed Air & Solenoid Access
G Compressed Air Connection 1" NPT
H Hopper & Short Legs w/20 Gallon Drum
I Blower Access (on back)

Why Plaser?

1. Clean Air Monitor — **Always exhausts Clean Air**

2. Complete Package "Factory Assembled Components" — **Easy installation, you just provide power and compressed air**

3. Fully welded single unit — **Leak Free performance**
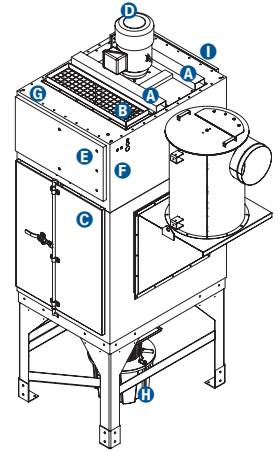
General Information:

Motor: 20HP

Blower: Backward Inclined Airfoil

Airflow: 5500 @ 12" W.G.

Filter Cartridges: Vertical Design:
Pleat Lock A15 – MERV15 (standard)
Endurex B16 – MERV16 (optional)

Filter Quantity: (6)   **Filter Size:** 14" Diameter x 52" Long

Media Area: 2,790 ft^2

Compressed Air Requirements: 1" NPT Supply
Maintenance Pulse @ 30 second intervals – 8.00 scfm
Online Pulse @ 30 second intervals – 8.00 scfm

Construction: 3/16" to 11 ga. Steel, fully welded
Nema 4X - Filter Door & Control Panel Enclosure construction

Warranty: 15 year on cabinet, 5 years on components
(see Warranty Document for details)

Voltage: 480/3/60 Standard; 208/230/575/3/60 Optional

Pulse Valves: (6) 1" Electronically Actuated Solenoid

Filter/Regulator: Included

Motor Starter/Disconnect: Included

Installation Hardware: Included
(Concrete anchors, duct sealant & various hardware)

Features and Options:

Dust Containment Options:
20 Gallon Drum: (1), legs, hopper and drum lid
55 Gallon Drum: (1), legs, hopper and drum lid (standard)

Convenience Options:
SuperSeal Hopper Gate: Empty drum while collector is running

Electric / Controls:
Voltage: 480/3/60 Standard
208/230/575/3/60 Optional
ePad: PLC with (3.5") HMI Screen (standard)

Outdoor Installation:
Outdoor Full Cover (option)

Regulatory:
UL Listed Controls: ePad
CSA Certification: Optional, meets Canadian regulations

Energy Savings:
Auto Start - Standard
eDrive - Option: Automatically adjusts the airflow via a flow monitor and VFD to extend filter life and reduce energy consumption by up to 30%. Maintains consistent airflow throughout the life of the filters.

Safety:
Noise Attenuation Option:
– Full Acoustical Silencer Plenum (covers top of collector)
SafeSensor: Clean Air Monitor (standard)
Delta3 Spark Arrestance Plenum (standard)
Fire Suppression Options:
FM200 - Supprex 200 Premium Fire Suppression System w/Damper Sprinkler Head in Filter Cabinet
Explosion Vents: Required when cutting aluminum and other explosive materials. Contact Factory for more details.
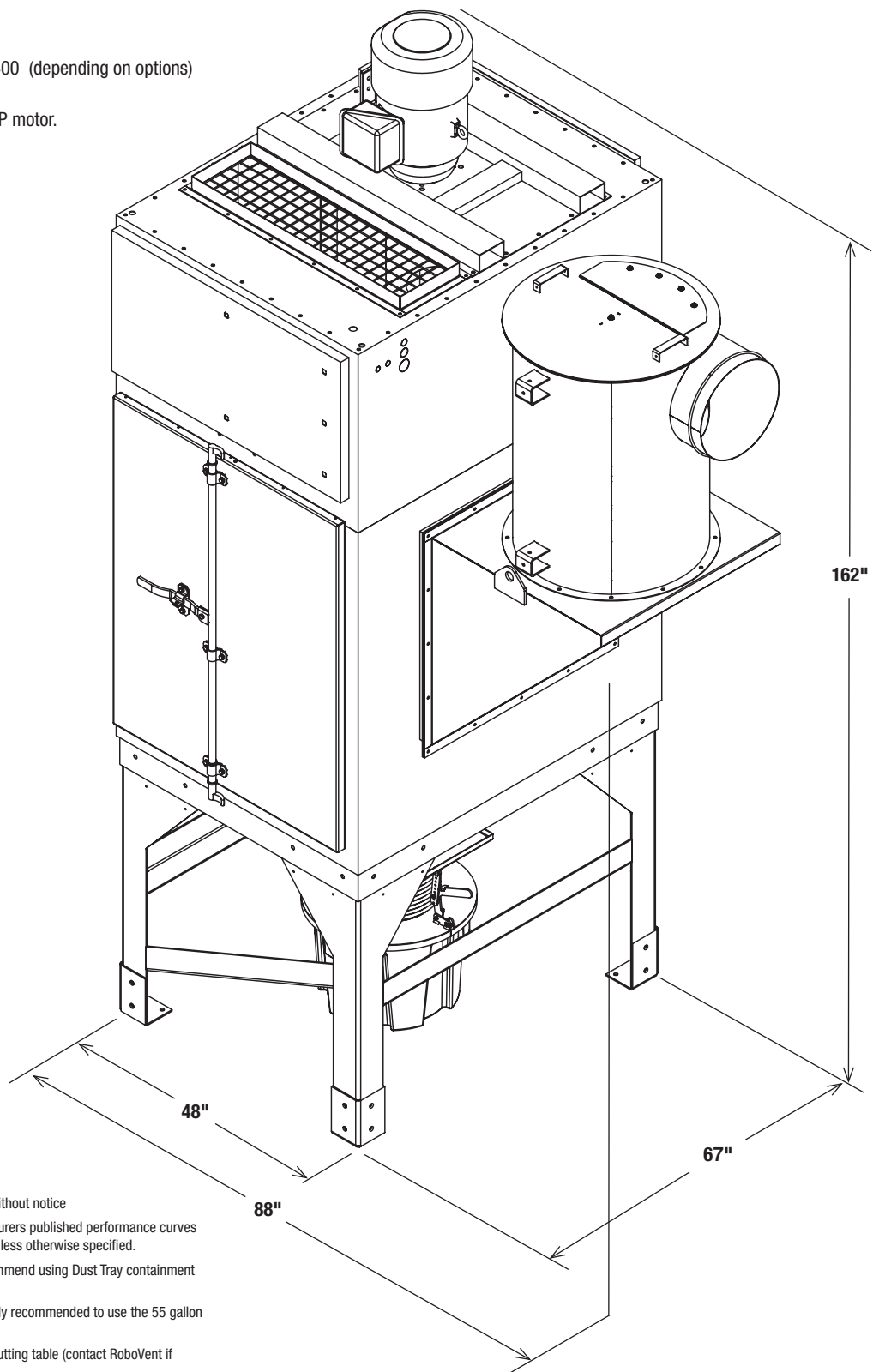**HEPA After Filter Plenums** (option)

DT4-6-5500-20

Overall Weight (Lbs): 2,800 - 3,400 (depending on options)
Door Clearance: 47" Minimum

Note: Overall height includes 20 HP motor.

162"

48"

67"

88"

- All specifications are subject to change without notice
- All CFM ratings are based upon manufacturers published performance curves at specific Inches of Water Gauge (WG) unless otherwise specified.
- RoboVent Product Group DOES NOT recommend using Dust Tray containment on High Air-to-Cloth applications.
- For heavy loading applications it is strongly recommended to use the 55 gallon drum containment option
- 20' Maximum distance from collector to cutting table (contact RoboVent if longer duct run is necessary)