

DTH-1700



(Shown with Casters)

Dimensions

Width: 48.50"

Height: 33.00"

Depth: 31.00"

Table Size: 48.00" W x 24.50" D

Options

Pressure Gauge Kit:

Indicates when filters require cleaning.

Regulator

Silencer:

Reduces noise by up to 6 dBA.

Custom Cartridge Media:

For specific applications.

After-Filters:

99.97% HEPA, 95%, and odor-control modules.

Center Divider and Side Shields:

Improves collection efficiency; eliminates contaminant migration.

Enclosures and Lighting:

Enhances work area; encourages productivity.

Castors:

Improves maneuverability and productivity.

Airflow Systems, Inc.[®] has a policy of continuous improvement, and reserves the right to change designs and specifications without notice.

Features & Benefits

Integral collection area and work surface:

Draws contaminants away from workers' breathing zone without hindering movement; easily moved to any location in facility.

Direct-Drive Blower:

Higher static pressure, longer filter life and greater reliability; spark resistant; no belts or pulleys to replace.

Non-electrostatic operation:

High reliability, low maintenance.

Ultra-Seal[®] filter mounting:

Eliminates contaminant bypass of filters.

Low profile cabinet

Easy access speeds filter changeout and maintenance.

Vibra-Pulse[®] Filter Cleaning System:

Cleans filters 75% more effectively than reverse pulse systems.

Dust Drawer:

Easily remove external dust drawer with positive level lock.

Specifications

Construction:

12/14/16 ga. welded steel, powder coated cabinet

Blower Pkgs (HP):

1.0, 1.5, 3.0

Noise Level (dBA):

70/74/79

Electrical:

1 HP - 115/1/60, 12 amps, opt.

1.5 HP - 115/230/1/60, 15/7.5 amps, std.

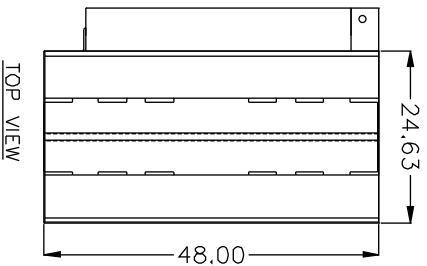
3 HP - 208-230/460/3/60, 8.4-8.0/4.0 amps, opt.

Downdraft Velocity (FPM):

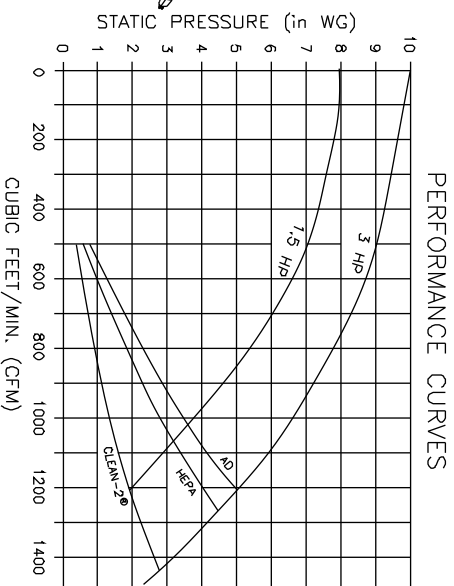
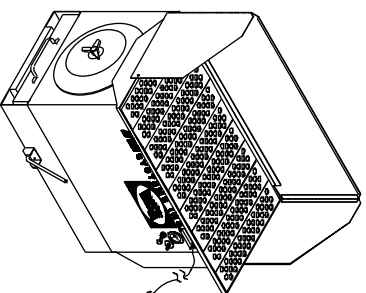
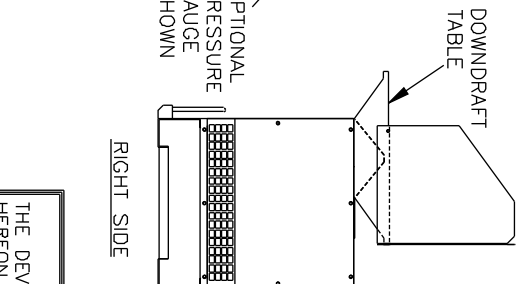
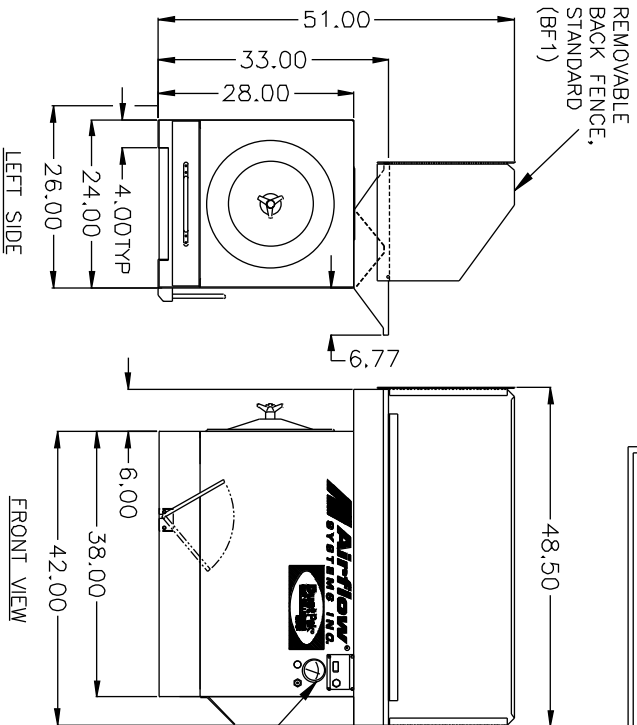
112/208

Weight (lbs.):

350



TOP VIEW
(SHOWN LESS GRATE)



SPECIFICATIONS:

CONSTRUCTION:

12/14/16 Gauge steel cabinet finished with Powder-Cool finish. Includes a 10 gallon external dust drawer, 5" deep downdraft table (600 lbs table load) with removable back fence, removable end cap for easy access to filters, removable back panel for easy access to B.I. motor/blower, 25" 12 Co. power cord, and on-off switch. Motor wired to junction box outside unit for 3 phase. Acoustical lining standard in blower compartment. Vibro-Pulse® cleaning Standard.

WEIGHT:

346 lbs.

DOWNDRAFT VELOCITY:

112 FPM with std. 1.5 HP motor
208 FPM with opt. 3 HP motor

NOISE:

76 dBA - 1.5 HP
82 dBA - 3 HP; 74 dBA w/silencer

ELECTRICAL:

- ☐ 1.5 HP 115 /208-230/1/60, 15/7.9-7.5 amps, std.
- ☐ 1.5 HP 208-230/460/3/60, 4.9-4.6/2.3 amps, opt.
- ☐ 3 HP 208-230/460/3/60, 8.4-8.0/4.0 amps, opt.

FIRE SUPPRESSION:

Equipment provided by others.

SPECIAL NOTES:

Compressed air filter provided by others.

MAIN FILTERS:

- ☐ (2) Clean-2® Filter cartridge, 16"Dx12"
- ☐ (2) Cartridge, FIBERDUST®
- ☐ (2) Cartridge, Spunbond
- ☐ (2) Cartridge, Spark Resistant
- ☐ (2) Cartridge, Spunbond - HO
- ☐ (2) Cartridge, CleanPlus double treated fire retardant

HEPA OPTION:

- ☐ (1) External HEPA filter, 99.97%
- ☐ (1) External adsorber, 18 lb. capacity

AD. OPTION:

OTHER OPTIONS:

- ☐ Pressure gauge kit indicates filter changes
- ☐ Auto Clean
- ☐ Costers, increases table height by 3" to OA 36"
- ☐ BF3 w/Light
- ☐ Aluminum Grate
- ☐ Vinyl Coated Grate
- ☐ Fiberglass Grate
- ☐ Regulator
- ☐ Silencer (Adds 8" to depth of unit)

* AFS FILTER EFFICIENCIES BASED ON ASHRAE 52-76 TEST METHOD

NOTES:

Items designated as ☒ are included in this proposal.

THE DEVICE DEPICTED AND DESCRIBED HEREON EMBODIES PROPRIETARY INFORMATION OWNED BY AIRFLOW SYSTEMS, INC. ALL DESIGN, MANUFACTURING, REPRODUCTION, SALES, AND PATENT RIGHTS REGARDING THIS DEVICE OR DRAWING ARE RESERVED EXCEPT WHERE EXPLICIT RIGHT IS GRANTED IN WRITING.

Airflow
SYSTEMS INC.

11370 Pogemill Road
Dulles, TX 75243-8306
(214) 503-8008
Fax (214) 503-9596
E-Mail: airflow@comp.net

DRAWN BY: CB

DATE: 5-23-02

SCALE:

TITLE: MODEL DTH1700

PAGE 1 OF 2

DRAWING NO.: DTH1700 (52-3567/F)

