

# HOFFMAN & LAMSON

## Vacuum Systems



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by Gardner Denver

## TurboClean™ Collectors

Provide trouble-free vacuum system collection for a wide variety of materials with HOFFMAN & LAMSON TurboClean Collectors.

### RUGGED DESIGN

- > Reverse pulse jets from compressed air continuously clean cartridge filters
- > Pulse frequency and duration can be controlled manually or activated by pressure sensor and timer
- > Standard polyester DuraPleat filter elements are rated at 99.9% efficiency @ 10 micron levels.
- > Special PTFE coatings are available for sub-micron, hazardous, toxic, oily, or hygroscopic materials.

### STANDARD FEATURES

All models include tube-type inlet and outlet connections (other types are available.)

- > Heavy gauge, continuous welded shell is rated for high vacuum
- > Side access door to cartridges
- > Additional clean side access door -- just added
- > Discharge has a slide gate discharge valve, 55-gallon drum lid and drum lid coupling
- > PulseClean system consists of: One-inch diaphragm valves, compressed air tank, filter, regulator, pressure gauge, NEMA 4 pulse timing controls and a Magnehelic differential pressure gauge.



### Velocity Deceleration Chamber

The inlet expansion chamber with an internal abrasion resistant impingement plate maintains the proper entrance velocities ensuring product separation and low updraft velocities. This results in longer filter life and optimum performance.

### Quality Construction

The rigid structural steel support frame is anchored securely and straddles a 55-gallon drum (not included.) The controls are weather-tight allowing the TurboClean to be located outdoors. Available options include stainless steel construction, special coatings, discharge options, explosion vents, explosion isolation, extended sidewalls, photohelic gauges and others.



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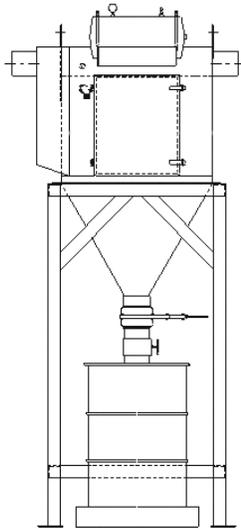
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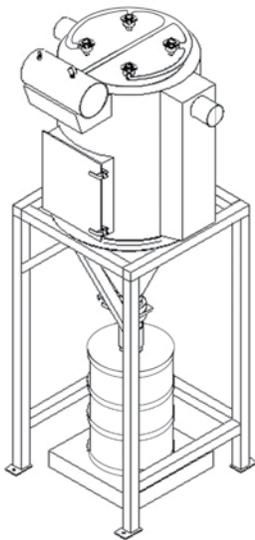
# HOFFMAN & LAMSON TURBOCLEAN COLLECTORS



## SPECIFICATIONS AND DIMENSIONS

	TC 52	TC 78	TC 104	TC 144	TC 252	TC 350	TC 470	TC 650
No. Cartridges	4	6	8	4	7	7	13	13
Filter Area (Ft <sup>2</sup> )	52	78	104	144	252	350	470	650
Diameter (in)	24	30	37	37	52	52	72	72
Height (in)*	114 ½	124 13/16	130 7/16	141 ½	168 ½	180 ½	189	201
Base Width (in)	48 ½	54 ½	48 ½	48 ½	68	68	88	88
Base Depth (in)	30 ½	36 ½	44 ½	44 ½	64	64	84 ½	84 ½
Air @ 65 PSI (SCFM)	1.6	2.0	3.2	4.0	7.0	9.8	13	18.2
Slide Gate Valve (in)	6	6	6	6	6	6	8	8
Drum Lid Coupling (in)	6	6	6	6	6	6	8	8
Drum size	55 gal	55 gal	55 gal	55 gal	55 gal	55 gal	55 gal	55 gal
Shipping Wt. (lbs)	450	500	650	700	1400	1600	2400	2500

\*Height may be affected by new clean side access dor design – consult factory.



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