



DIVERSITECH



STORMTOWER

Ambient Air Cleaner

STORMTOWER

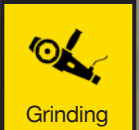
AMBIENT TOWER COLLECTOR



Welding



Sanding



Grinding

Diversitech's **StormTower** transforms any workspace into a clean air zone. The system uses **ambient style air cleaning technology** to pull dirty air through high efficiency filters and recirculates it as clean, fresh air — no ductwork required. Create a safe, smoke free workspace with the Diversitech StormTower.

Benefits:

- **Continuously removes smoke, fumes, and dust** so every welder breathes cleaner, healthier air
- **Duct-free, compact footprint** that tucks neatly between columns - saving valuable workspace and keeping overhead areas clear for cranes and machinery
- **Reduces energy costs** by recirculating and retaining conditioned air and heated indoors, eliminating the need for outside exhaust

Features:

- **High Efficiency Filtration:** MERV 15 nanofiber filter media delivers superior removal of smoke, dust, and fumes.
- **Extended Filter Life:** An integrated self cleaning system minimizes maintenance and maximizes uptime.
- **Consistent Airflow:** StormTower PRO includes a VFD control that automatically compensates as filters load to maintain steady performance.
- **Flexible Discharge:** Choose between hopper & barrel or low-profile dust-drawer configurations
- **Quiet Operation:** Engineered for minimal noise and workplace disruption.



www.diversitech-air.com



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How the StormTower works

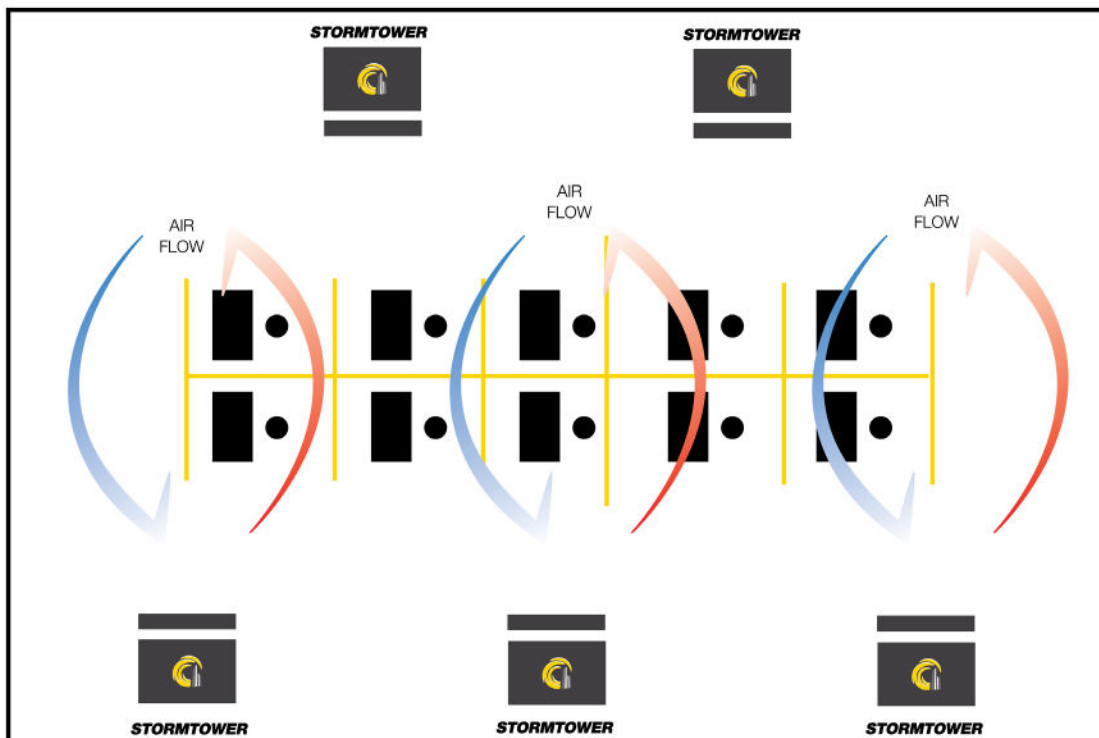
Diversitech's StormTower begins by drawing contaminated air through a front-facing louvered inlet, capturing smoke, dust, and fumes. The dirty air is then filtered through (6) MERV 15 nanofiber cartridges that trap submicron particles. A built-in reverse-pulse system then back-flushes each cartridge at preset intervals, dislodging accumulated dust.

The **StormTower PRO** includes a **Variable Frequency Drive (VFD)** control panel that lets you dial in airflow between 3,000 and 8,000 CFM. The system automatically ramps up motor speed to compensate for filter loading, and employs a soft-start function to minimize energy consumption, peak electrical draw, and mechanical wear.

Finally, clean air is exhausted at high velocity near adjacent units, establishing a constant, plant-wide circulation loop that maximizes coverage and ensures your entire workspace benefits from continuous, low-maintenance filtration.

Ideal for any industrial setting where capture at source isn't practical, the StormTower delivers continuous, low maintenance ambient air cleaning.

StormTower



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Part of Absolent
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Go Ductless with StormTower

Traditional ducted systems are expensive, space-consuming, and rigid. StormTower installs easily with no required ductwork – so you can have clean air up and running the same day. Its compact footprint keeps overhead areas clear for cranes and material conveyance, and lets you reposition units seamlessly as your shop layout evolves. Best of all, you can easily scale or reconfigure your StormTower network to match changing production demands.

- **Plug and Play Installation:** no specialized rigging or duct runs required.
- **Space Saving Flexibility:** Keep overhead areas free for cranes, conveyors, and lighting; relocate units easily as your shop layout changes.
- **Scalable & Reconfigurable:** Add or reposition units as production demands evolve - perfect for growing or retooled facilities.
- **Reduced Energy Use:** By filtering air close to contaminants and recirculating conditioned or heated air indoors, you cut both HVAC and system energy costs.

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Technical Specifications

Model	Controls	Nominal Airflow (CFM)	Motor			Cartridges / Filters			
			(H.P)	Volts	(p/hz)	Qty.	Area (Sq. Ft.)	Size	Type
StormTower	Standard Controller with ON/OFF	8,000	15	230/460/575	3/60	6	1,890	36" height	MERV 15 Nanofiber
StormTower PRO	VFD Controller with variable speed	3,000 - 8,000							

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