

T-STORM

AMBIENT AIR CLEANERS



Diversitech's T-Storm 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 T-Storm**.

Benefits:

- **Continuously removes smoke, fumes, and dust** so every welder breathes cleaner, healthier air
- **No ductwork is required**, saving valuable workspace with wall or ceiling-mounted installation.
- **Reduces energy costs** by recirculating and retaining conditioned air and heated indoors, eliminating the need for outside exhaust

Features:

- **3-stage Filtration:** MERV 7 prefilters, MERV 8 Panel filter and MERV 14 primary multi-pocket bag filters deliver superior removal of smoke, dust, and fumes.
- **Quiet Operation:** Engineered for minimal noise and workplace disruption.
- **Filter service gauge:** Includes a pressure indicator to monitor filter loading and service intervals.
- **Service-Friendly Filter Design:** Filters are quick and simple to replace.
- **Capacity, Doubled!** T-Storm X2 doubles filter media area, reducing maintenance frequency and extending service intervals.

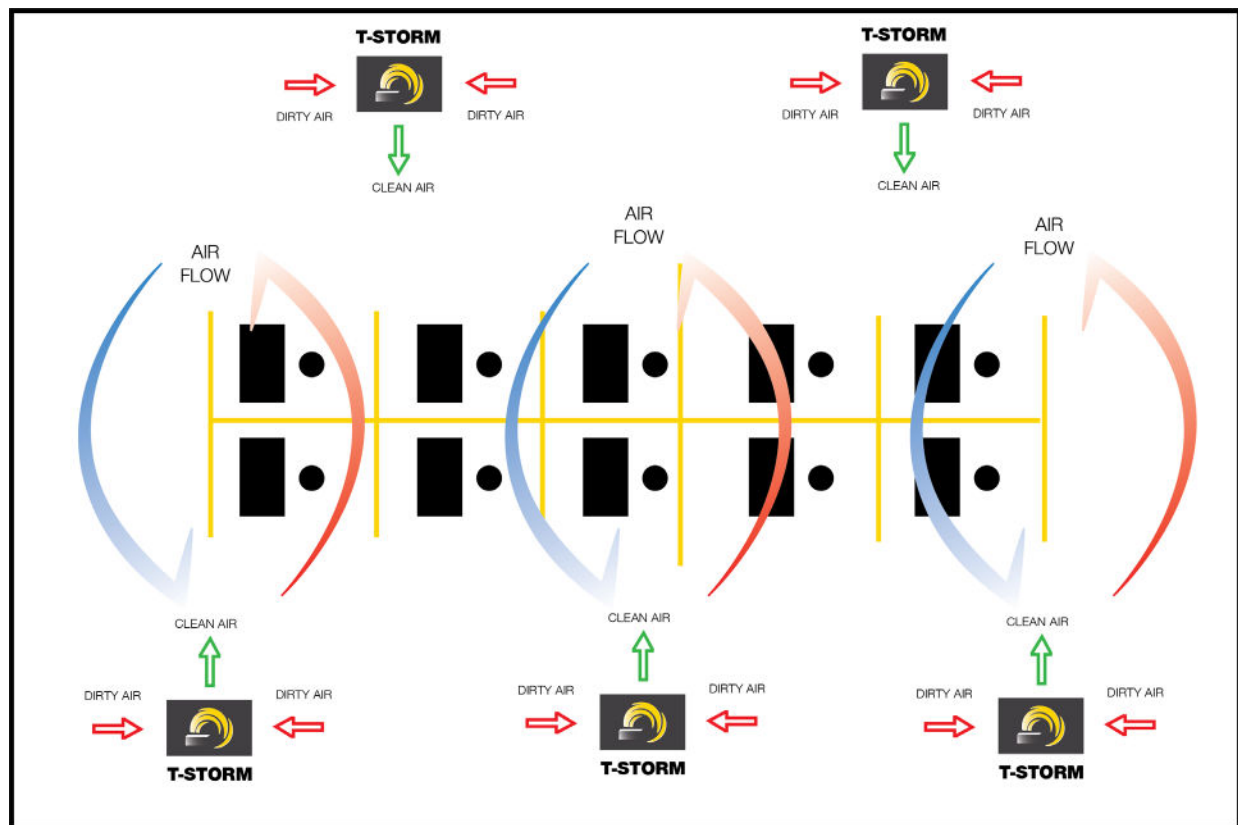
How the T-Storm Works

Diversitech's **T-Storm** draws dirty air from both sides of the unit and passes it through a **3-stage filtration system**, featuring two prefilter stages and a final MERV 14 bag filter. **Clean filtered air** is then exhausted from the front of the unit at high velocity towards adjacent T-Storm units. T-Storms are typically arranged in a **staggered layout** along the perimeter of the plant to ensure a circular airflow pattern between units. This maximizes coverage and ensures consistent air quality throughout the entire workspace.

T-Storm ambient units can be wall-mounted, column-mounted, or chain-hung using eyebolts attached to building trusses.

For heavier applications, the T-Storm X2 doubles the filtration media, making it ideal for shops with higher smoke levels. This extended filter capacity reduces maintenance frequency and decreases downtime.

T-Storm Circulation



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Part of Absolent
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Go Ductless with T-Storm

Traditional ducted systems are expensive, space-consuming, and inflexible. T-Storm installs easily with no required ductwork, so you can have clean air up and running the same day. Its **wall-mounted** or **ceiling-hung design** keeps valuable floor space open for equipment and material flow, while allowing units to be repositioned as your shop layout evolves. Best of all, T-Storm systems are **easy to scale or reconfigure**, making it simple to expand your ambient air cleaning network as production demands change.

- **Plug and Play Installation:** No ductwork for fast, straightforward installation.
- **Space Saving Flexibility:** Wall-mounted or ceiling-hung configurations keep floors clear.
- **Scalable & Reconfigurable:** Add, relocate, or reconfigure T-Storm 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.

T-Storm



Louvered Outlet

Adjustable to create optimal circulation patterns

High-Efficiency Filtration

Equipped with 3-stage filtration for submicron particle capture



T-Storm X2

Twice the filtration for higher dust and fume loading

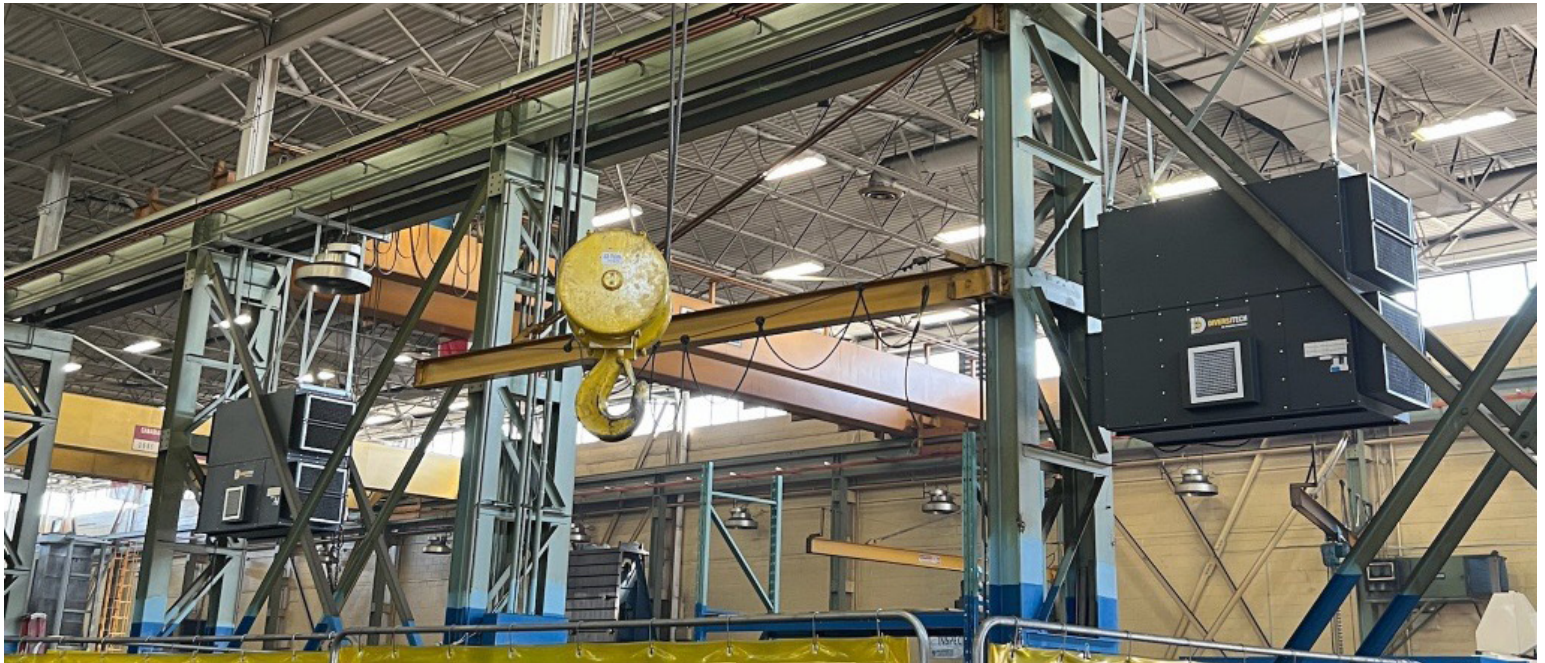
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Technical Specifications

Model	Nominal Airflow (CFM)	Motor (H.P.)	Filters			Blower	Input Power (v/p/hz)	F.L.A (amps)
			Pre Filter Type	Paper Pleated Filter	Bag Air Filter			
TS-3000	3000	1.5	(2) MERV 7	(2) MERV 8	(2) MERV 14	Belt Drive	120V/1/60HZ	15.5
TS-4500	4500	3.0					230/340/575V/3/60HZ	9.6/4.8/3.9
TS-4500-X2	4500	3.0					(4) MERV 7	(4) MERV 8

Dimensions

Model	Product Dimensions (in.)			Net Weight (lbs.)
	Height	Length	Depth	
TS-3000	48	48	92	600
TS-4500				
TS-4500-X2	84	48	92	950

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