

T SERIES

Ambient Air Cleaners



Diversitech's FRED T Series Ambient Air Cleaners are designed to collect, dust smoke and other airborne particulates with MERV 7 panel prefilters and MERV 15 primary multi-pocket bag filters. The T configuration of drawing dirty air in through the sides and exhausting clean air out creates a circular airflow pattern in your shop to quickly and efficiently clean and exchange the air. These ambient air cleaners are built from a powder coated steel frame with polyethylene plastic panels to reduce weight for easy installation. The modular configuration of the T Series allows units to be combined with multiple modules in a double or quad setup to increase the amount filter media. The air cleaners can be easily installed in your facility with an optional wall mounting bracket or eyebolts to hang the units with chains.

Features:

- Powder coated steel interior frame
- Lightweight black matte recycled polyethylene plastic panels
- Chain hung or wall mounted

Applications:

- Welding smoke and fumes
- Wood dust
- Oil mist and smoke from machining
- Dust from grinding

Options:

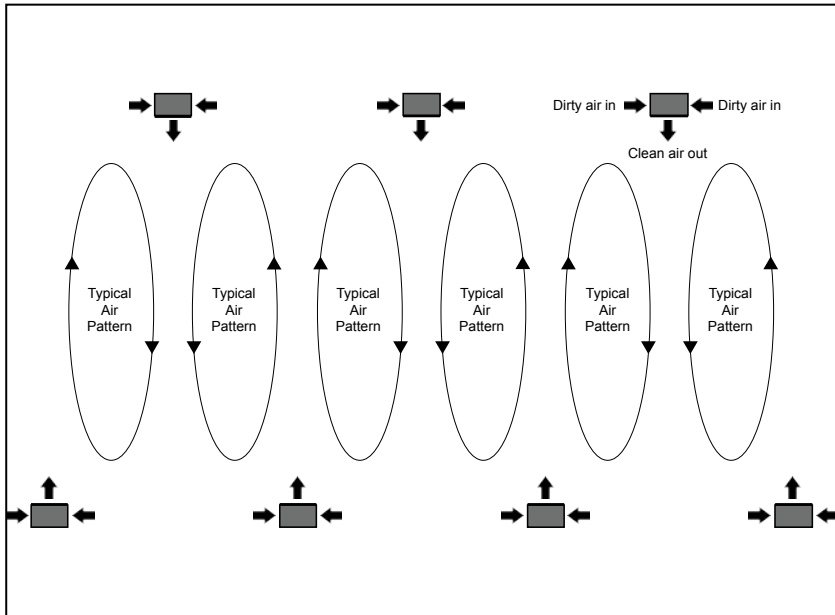
- Wall mounting bracket
- Baffle impingers
- Magnahelic gauge
- Manometer
- Carbon odor Absorption Kits



Modular Configuration



WELDING • GRINDING • OIL MIST • AIRBORNE DUST



How the T Series Ambient Cleaners works

The T Series ambient air cleaners are typically either setup in a wall mounted configuration along a wall or column, or are chain hung with eyebolts on the trusses of a building. The units are built from a rugged powder coated steel structure with lightweight polyethylene plastic panels to allow for easy and quick installation. Air cleaners are typically arranged in a staggered layout along the perimeter of the plant to ensure a circular airflow pattern between units. Dirty air is pulled in from both sides of the unit, through a 4" panel prefilter and a MERV 15 multi-pocket main bag filter. The air is then blown out the front exhaust of the unit, moving dirty air over into the next air cleaner through creating a T like airflow pattern.

Technical Specifications

Model	Airflow (CFM)	Motor (H.P.)	Pre Filter Type	Primary Filter Type	Blower	Input Power (v/p/hz)	F.L.A (amps)
T-3000	3000	3/4	(2) MERV 7	(2) MERV 15	Direct Drive	120v/1/60Hz	9.2
T-3500	3500	2.0	(2) MERV 7	(2) MERV 15	Belt Drive	230/460v/3/60Hz	5.8
T-4500	4500	3.0	(2) MERV 7	(2) MERV 15	Belt Drive	230/460v/3/60Hz	8.6
T-6000	6000	5.0	(4) MERV 7	(4) MERV 15	Belt Drive	230/460v/3/60Hz	12.6
T-7500	7500	5.0	(8) MERV 7	(8) MERV 15	Belt Drive	230/460v/3/60Hz	12.6

Dimensions

Model	Product Dimensions (in.)			Net Weight (lbs.)	Shipping Dimensions (in.)			Gross Weight (lbs.)
	Height (in.)	Length (in.)	Depth (in.)		Height (in.)	Length (in.)	Depth (in.)	
T-3000	25	72	25	170	32	82	30	240
T-3500	25	72	25	190	32	82	30	270
T-4500	25	72	25	200	34	82	30	270
T-6000	50	82	25	395	54	92	30	490
T-7500	50	82	50	682	54	90	60	730

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