



**WEST TEXAS FILTERS, INC.**

## **3-in-1 Portable 99.99% HEPA Filtration System**

with UV protection



**This portable, self-contained high-efficiency particulate air (HEPA) filtration system is designed to easily and economically create a negative pressure isolation room/environment that will meet OSHA and CDC TB guidelines.**

This system can also be used as a positive pressure clean air recirculating system in clinics, waiting rooms, hospital emergency rooms and other confined areas or as a partial or complete exhausting system to create a negative pressure isolation room for possible use with patients known or suspected of having TB, SARS, COVID-19, or other infectious diseases.

As a recirculating unit, the powerful motor/blower can deliver between 560 CFM and 800 CFM to provide a large number of room air changes per hour to minimize the spread of airborne diseases to patients and health care workers.

As a negative pressure unit, the air passing through the HEPA filter is cleansed of 99.99% at 0.3 microns and may be exhausted directly to the exterior through a window, or through a wall simply by connecting flexible ducting to the 6 in. collar located on the top of the unit. The filter inside the unit contains 220 square feet of media to extend its usable lifetime before filter loading occurs, resulting in decreased cost and fewer filter changes.

### **Standard Features**

#### **Low-Cost Isolation Room**

An easy and economical solution for creating negative pressure, isolation room. Simply roll this unit into a standard room, connect flexible ducting to the 6 in. collar on the top of the unit for partial exhaust or to the optional 8 in. flanged collar for total exhaust and vent the purified air to the exterior through a window or wall.

#### **Flexible Applications**

This unit can be used as a clean air recirculating unit, a negative pressure unit or as a split system to create both negative pressure and clean air recirculation by simultaneously exhausting some of the air out while recirculating the remainder back into the room.

#### **Low-High Clean Air Circulation Pattern**

Room air, along with airborne contaminants, is drawn into the intake grille at the bottom while the purified air is discharged at a high velocity from the exhaust grille located at the top of the unit to generate a sweeping, low-to-high air circulation pattern with adequate "reach" to optimize the clean breathing zone for patients and staff.

#### **Small and Portable**

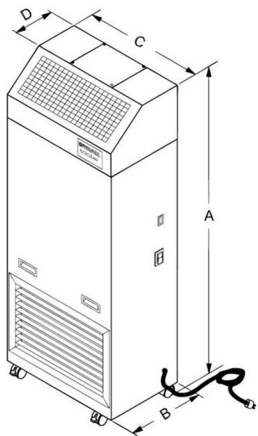
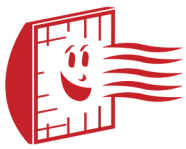
This unit can be rolled from one room to another and easily fits into areas with limited floor space.

#### **Quiet Operation**

52 dBA on low, 56 dBA on medium, and 60 dBA on high speed measured 30 in. (762mm) from face of the unit.

#### **Simple Maintenance**

Both HEPA filter and prefilter are easily accessible for replacement by authorized personnel



Description		120V w/ UV	220V w/ UV	120V	220V
Part Number		108050-005	10921-004	10850	10921
Dimension (Inches)	A	62.25"			
	B	19.75"		15.75"	
	C	23.66"			
	D	12.86"		8.86"	
UL Listed (E152685)		No	No	Yes	No
Airflow CFM (m³/hr)		Low: 560 (951) ± 10%			
		Medium: 690 (1172) ± 10%			
		High: 800 (1359) ± 10%			
Power Requirements		8 amps @115V/ 60 Hz	4.0 amps @ 208-230V/ 60 Hz	6.9 amps @115 vac/ 60 Hz	3.5 amps @ 208- 230 vac/ 60 Hz
Unit Weight lbs		200 lbs		175 lbs	

Note: Airflow reduced by 20% when running 50Hz

Construction

Welded steel filter plenum and blower housing with a corrosion resistant polyurethane enamel finish. Four 2" casters, two locking.

Filter

Aluminum Framed HEPA type, with a minimum efficiency of 99.99% @ .03 micons, aerosol challenged. Airflow sensor indicates when the filter needs changing.

Prefilter

MERV 8 High-Capacity Pleated filter.

6 in. Exhaust Port

Located on top of the unit for use as a split system to create air recirculation.

Electrical

120V Model - Standard 5-15P, 115V, single phase, rubber-covered cord with 3-prong hospital grade, grounded plug.

220V Model - 6-15P, 220V, single phase, rubber-covered cord with 3-prong hospital grade, grounded plug.



Additional Options

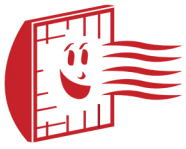
- ULPA Filter Upgrade
- Minihelic Pressure Gauge
- Anti-Microbial Prefilter
- Carbon Prefilter
- Room Pressure Monitor
- UV-C Sanitizer
- Annunciator
- 8 in. 100% Exhaust Collar
- Keylock ON/OFF Switch

Hospital Applications

- Negative Pressure Rooms
- Emergency Rooms
- Waiting Rooms
- Sputum Induction
- Aerosol Pentamidine Treatment
- Intensive Care Units
- Bronchoscopy Rooms
- Renal Dialysis Room

Other Applications

- Clinics
- Nursing Centers
- Physician Offices
- Homeless Shelters
- Addiction Recovery Centers
- Correctional Facilities



Description	Overall Size (Inches)	Product Code	List Price
IsoClean Freestanding 115V	24x69x15.5	T10850-001	\$4,421.76
IsoClean Freestanding 220V	24x69x15.5	T10921-001	\$4,925.76
IsoClean Accessories			
IsoClean with ULPA Filter Upgrade		T10850-002	\$4,688.64
8" Duct Collar with Flange for 100% Exhaust		T10850-11055	\$329.28
Carbon Prefilter	12x20x1	T10850-63349	\$120
Antimicrobial Prefilter	12x20x1	T10850-63352	\$25.92
Magnehelic Gauge		T10850-S11129-001	\$350.40
Description	Overall Size (Inches)	Product Code	List Price
IsoClean Freestanding with UV Light 115V	24x69x19.5	T10850-005	\$5,018.88
IsoClean Freestanding with UV Light 220V	24x69x15.5	T10921-004	\$5,101.44
UV Accessories			
IsoClean UV with ULPA Filter Upgrade		T10850-002	\$5,072.64
8" Duct Collar with Flange for 100% Exhaust		T10850-11055	\$329.28
Carbon Prefilter	12x20x1	T10850-63349	\$120
Antimicrobial Prefilter	12x20x1	T10850-63352	\$25.92
Magnehelic Gauge		T10850-S11129-001	\$350.40
Description	Overall Size (Inches)	Product Code	List Price
Airceil, 115V**	48x24x20	T11122-001	\$6,177.60
Airceil with UV Light 115V	48x24x20	T11122-002	\$6,449.28
AirCeil Accessories			
IR Remote Speed Controller*		T11122-63760	\$276.48
Prefilter		T11122-24375-001	\$48.96
Carbon Prefilter		T11122-24365-001	\$61.44
UV Light Accessory (Field Installed)		T11122-24374-001	\$719.04
Clean Air Distribution Grille		T11122-63857	\$194.88
12" Flexible Duct (15-ft Length)		T11122-63856-015	\$467.52
12" Flexible Duct (30-ft Length)		T11122-63856-030	\$935.04
Other Accessories			
Room Pressure Monitor 120/240V 0-10 V		T63337-001	\$2,007.36
Room Pressure Monitor 120/240V BACNET		T63337-002	\$2,331.84
Annunciator		T63338	\$561.60