



## PROCESS SOLUTIONS YOU CAN COUNT ON

# iPure-1 SERIES

## Fume Extractor

### Features & Benefits

- Lowest Capital and Running Costs
- Triple Layer Filtration
- 2 HP Motor & 9" Fan Blower Wheel with Max Capacity of 750 CFM
- Constant Extraction Rate Control with Flow Sensing and Automatic System Adjustment
- Adjustable Airflow Rate
- Heavy Duty Industrial Swivel Castor Wheels w/ Locks
- Touch Screen HMI Display
- Inflow and Outflow Gas and Particulate Sensors

### Product Description

The Anda iPure high capacity fume extractor system is fully programmable with automatic air flow sensing which self adjusts to ensure continuous air filtration (typical operation 400 cfm) with a max operating capacity of 750 cfm. The systems inflow and outflow air sensors ensure optimal fume extraction and air filtration quality. The touch screen HMI delivers real time sensor values to operators and easy access to system fan controls.

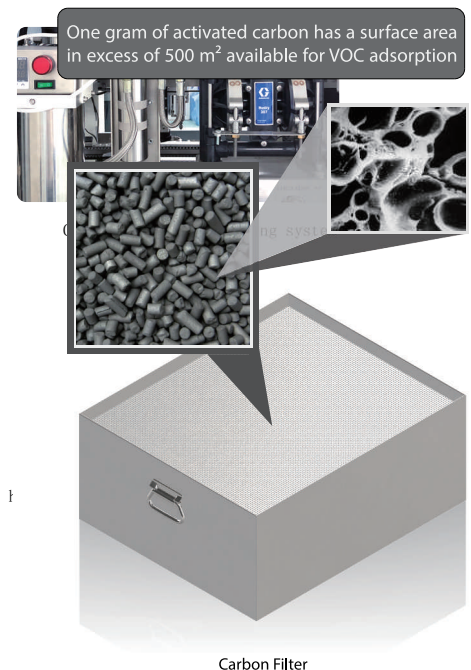
The iPure's advanced triple layer filtration assures circulating air is stripped of solvent and chemical particulates removing 99.9% of VOCs. The standard system utilizes a combination of MERV filters and activated carbon media for VOC adsorption. The carbon media load by weight of the iPure system is 20kg (44 lbs) nearly twice the capacity of fume extractors currently utilized by electronic manufacturers. This allows longer periods of protective fume extraction with fewer filter changes. The iPure system is budget friendly and its operating costs only a fraction of what inferior fume extractors on the market today offer.

ANDA Technologies USA, Inc.

info@anda.us

+1 510 270 8648

47639 Lakeview Boulevard, Fremont, CA 94538, USA



# Specifications :

iPurify – High Performance Triple Stage Filtration

## System Specifications

iPure-1 Fume Extractor

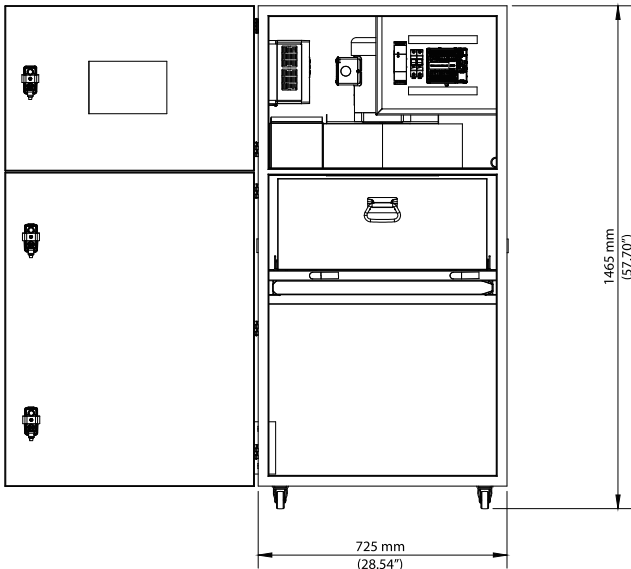
Facility	
Overall Dimensions	722.33L x 722.57D x 1520.22H (mm) 28.44L x 28.45D x 59.85H (inch)
Max. Flow Rate	1274CMM / 750CFM @ Zero Static Pressure
Weight	200kg (441lb)
Input Power	AC 220V 50/60Hz
Power	2.1kW
Inlet and Outlet Diameter	150mm (6.0in)
Filter	
Pre-Filter	Polyester (filters up to 5µm)
Final Particle Filter	Polyester (filters up to 3µm)
Activate Carbon Filter	613L x 516D x 265H (mm) 24L x 20D x 10.5H (inch) 20kg of Activate Carbon Pellets 28kg of Total Weight
Fan	
Motor	2hp, 3-phase, 3600rpm
Blower	10 5/8" Wheel Diameter
Interface	
Controller	PLC & 7" LCD Touch Screen
Communication	Integrated Sensors

## Standard Features :

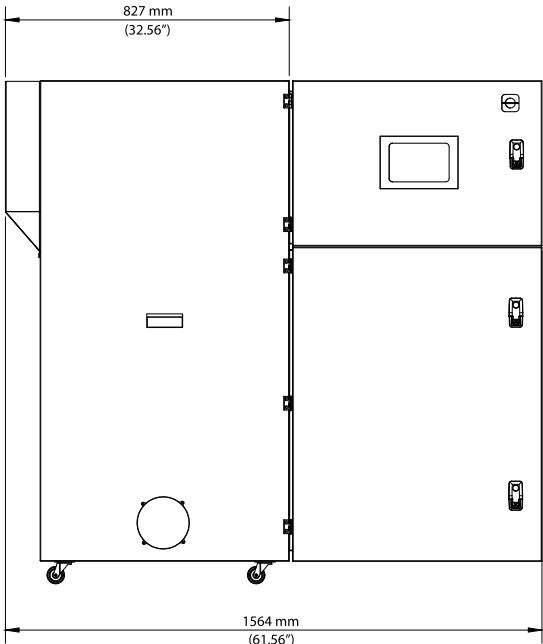
- Variable Frequency Drive
- Mass Flow Rate Sensor
- Volatile Organic Compound Sensor
- Particle Sensor
- Temperature Sensor
- Filter Blockage Detection

## Optional Features :

- Chemical Filter with KMnO<sub>4</sub>
- HEPA Filter



Front View



Side View