



PAC HF (left), PAC MAX (center) and PAC LF (right)

INTRODUCTION

The PAC is a portable, self-contained high efficiency particulate air (HEPA) filtration system designed to easily and economically create a negative pressure isolation room/environment that will meet OSHA and CDC TB (Tuberculosis) guidelines. The PAC can 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. The PAC is available in two different sizes: The PAC is available in three different sizes: the PAC LF (Low Flow), PAC HF (High Flow), and PAC MAX (Max Flow). As recirculating units, the PAC model family can deliver from 400 cfm (679 m³/hr) up to 1700 CFM (2888 m³/hr), depending on the model. This CFM range provides a large number of room air changes per hour to minimize the spread of airborne diseases to patients and health care workers.

MODEL

PAC - Portable Air Cleaner

FEATURES

- **Low Cost Isolation Room:** An easy and economical solution for creating a negative pressure, isolation room. Simply roll the PAC into a standard room, connect flexible ducting to the 6 in. (152 mm) collar on the top of the unit for partial exhaust or to the optional 8 in. (204 mm) flanged collar (sold separately) for total exhaust and vent the purified air to the exterior through a window or wall.
- **Flexible Applications:** The versatile PAC 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.
- **Quiet Operation:** 52 dBA on low, 56 dBA on medium and 60 dBA on high speed measured 30 in. (762 mm) from face of the unit.
- **Simple Maintenance:** Both HEPA filter and prefilter are easily accessible for replacement by authorized personnel.
- **Adjustable Airflow:** The PAC provides effective air filtration for a wide variety of room sizes. The PAC LF utilizes a solid state speed control with speeds ranging from 70 to 400 CFM (119-679 m³/hr). The PAC HF utilizes a three position switch with speeds ranging from 560 to 800 CFM (951-1359 m³/hr).
- **Small and Portable:** The PAC can be rolled from one room to another and easily fits into areas with limited floor space.
- **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 PAC to generate a sweeping, low-to high air circulation pattern with adequate “reach” to optimize the clean breathing zone for patient and staff.

OPTIONS

- ULPA filter upgrade (PAC HF model only)
- Key lock ON/OFF switch
- Carbon prefilter (sold separately)
- 8 in. (203 mm) collar (sold separately)
- 220 V, 50/60 Hz unit available
- UV-C sanitizer available

MODEL	PAC HF				PAC LF				PAC MAX			
ROOM DIMS	10'x'8'x8'	12'x12'x8'	12'x15'x8'	15'x15'x8'	10'x'8'x8'	12'x12'x8'	12'x15'x8'	15'x15'x8'	12'x12'x8'	12'x15'x8'	15'x15'x8'	20'x15'x8'
ROOM VOLUME	800 ft ³	1152 ft ³	1440 ft ³	1800 ft ³	800 ft ³	1152 ft ³	1440 ft ³	1800 ft ³	1152 ft ³	1440 ft ³	1800ft ³	2400 ft ³
AIR CHANGE RATE	42 - 60	29 - 41	23 - 33	18 - 26	5 - 30	3 - 20	2 - 16	2 - 13	20 - 88	17 - 70	13 - 56	10 - 42