

SUGGESTED SPECIFICATION & CONFIGURATION

The critical room portable air cleaner shall be Krueger model PAC as shown on the plans or outlet schedule.

CONSTRUCTION

Welded steel filter plenum and blower housing with a corrosion resistant polyurethane enamel finish. Four 2" (51 mm) casters, two locking.

FILTER

Aluminum framed HEPA type, with a minimum efficiency of 99.99% @ 0.3 micron, aerosol challenged. Airflow sensor indicates when the filter needs changing.

PREFILTER

Disposable MERV8 multi-pleat anti-microbial prefilter with frame.

6 IN. (152 MM) EXHAUST PORT

Located on top of the unit for use as a split system to create both negative pressure and clean air recirculation.

MOTOR/BLOWER ASSEMBLY

Direct drive, continuous duty, 1/3 Hp, 0.25 kW, 3-speed motor with sealed-for-life bearings and inherent overload protection located on the "clean side" of the filter. Motor/blower assembly is mounted on vibration dampening rubber mounts and designed to provide rated airflow through a 50% increase in initial static pressure.

ELECTRICAL

Standard 5-15P, 115 V, single phase, rubber-covered cord with 3-prong hospital grade, grounded plug (120V model). Standard 6-15P, 220 V, single phase, rubber-covered cord with 3-prong hospital grade, grounded plug (220V model).

UL LISTING

UL 507 E152685 on standard unit only. (See previous page for unit designation.)

ULTRAVIOLET (UV)

UV light operates continuously while unit is in operation. Wavelength type UV-C. PAC LF has 18" length, 1" diameter bulb with specs of 15.9W, .34A, and 4.9W UV-C radiation at 100 hours. PAC HF and PAC MAX have 36" length, 1" diameter bulb with specs of 30W, .37A, and 12.0W UV-C radiation at 100 hours. Bulbs are rated for 9,000 hours of use.

STANDARD FINISH

The paint finish shall be #44 British White, powder coat paint, baked at 425°F. The paint thickness shall be 2.0 – 3.0 mils, gloss at 60° per ASTM D523-89 of 60 – 70%, pencil hardness per ASTM D3363-92A of H – 2H, crosshatch adhesion per ASTM D3359-83 of 5B, salt spray per ASTM B117-9048 of 1000 hours, humidity per ASTM D2247-92 of 1000 hours and conical mandrel per ASTM D522 of 1/8" conical bend, no cracking shows.

1. SERIES: (XXXX)

PAC - Portable Air Cleaner

2. MOTOR: (X)

1 - 120V PC Motor
2 - 208/220/240V PC Motor*

3. CONTROL TYPE: (XX)

HF - High Flow
LF - Low Flow
MAX - Maximum Flow

4. FILTER: (XXXX)

HEPA - 99.99% @ 0.3 micron
ULPA - 99.999% @ 0.128 micron

5. ACCESSORIES: (XX)

00 - None
UV - UV-C Light

6. FINISH: (XX)

44 - British White

* Only available with PAC LF or HF control types.

SAMPLE CONFIGURATION: PAC - 2 - MAX - HEPA - UV - 44