MODEL XJ 2

Cost Effective Negative Pressure and HEPA Filtration for Isolation Rooms and Other High Risk Areas

- Quiet
- Affordable
- Portable
- Compact
- Fast and Flexible Installation

Click Here for Prices & Ordering

Convert ordinary patient care rooms into negative pressure isolation rooms.

For further information:

BERRIMAN ASSOCIATES
1-800-480-3630
www.berriman.com
SUPPLYING CLEAN AIR TO HEALTH CARE

XJ-2 FEATURES & SPECIFICATIONS

FEATURES

INDEPENDENT LAB TESTED
Unlike some units where just the filter is tested to HEPA efficiency, the XJ-2 was independently lab tested in its entirety to be 99.999% efficient on 0.3 micron particles.

QUIET:
The XJ-2’s Quiet operation design features include a backward curved, dynamically balanced impeller and a sound dampening blower baffle to reduce sound levels to a minimum.

EFFECTIVE FILTRATION TECHNOLOGY:
The XJ-2’s certified HEPA air filter is highly effective in removing microorganism-sized particulate. The 3M Filtrate™ prefilter protects the HEPA filter reducing maintenance costs. Provides 12 air changes per hour, enough for most hospital rooms.

EASY INSTALLATION:
The XJ-2 is shipped fully assembled and ready for roll in installation.

ACCESSORIES:
- Room Pressure Monitor (07132)
- Security Cover (07131)
- Wall Mounting Kit (07130)

SPECIFICATIONS

Dimensions & Weight: 55" H x 26.5" W x 15" D x 140 lbs.
Air Flow Capability: Adjustable from 115 CFM to 1000 CFM
Pre-filter: 3M Filtrate™ (80-85% ASHRAE efficient)
Primary filter: HEPA (99.97% DOP efficient at 0.3 microns)
Filter Pressure Gauge: Mini-Helic® 0" to 3" range
Power Requirements: 115Vac, 60 Hz, 4 Amps, 400 Watts
Sound Levels: 35 dBA @ 115 CFM and 66 dBA @ 775 CFM (tested 4' from unit)
Cabinet: Heavy-gauge, welded steel cabinet with white powder coat finish
Base: Standard base includes four swivel casters

For further information:

BERRIMAN ASSOCIATES
1-800-480-3630
www.berriman.com

Manufacturer has a policy of continuing product improvement and reserves the right to make changes in design and specification without notice.

Mini-Helic® is a registered trademark of Davis Instruments, Inc.
Filtrate™ is a trademark of 3M, Inc.
ROOM PRESSURE MONITOR FEATURES & SPECIFICATIONS

MODEL DRPM-1

The room pressure monitor takes advantage of time-proven sensor technology to monitor, alarm and/or control critical room-to-room differential pressures. The same instrument monitors either positive or negative room pressures.

Monitoring of hospital rooms such as operating rooms and isolation rooms for housing contagious patients is a typical application. This monitor is extremely sensitive and performs reliably at very low room pressures.

It is easily mounted on a wall and the installer has the choice of rear or bottom knockouts for electrical and pressure connections. All electrical and mechanical components are housed in a tough polycarbonate NEMA Type13 (IEC529, IP65) enclosure with a clear gasketed polycarbonate cover for easy viewing of display and room status.

Pressure is displayed on the front panel with a resolution of 0.001” of water (or 0.1 Pascal). A minus sign indicates a negative room pressure. Next to the digital display, a small light indicates the selected unit of measurement (either inches of water or Pascal). A bright red and a bright green LED alert those approaching the status of the room.

The pressure at which the lights change status can be adjusted from the front panel.

Standard with the room pressure monitor are a SPDT relay (for supplemental controls such as audible alarm or remote status indication), and 3 analog output signals, 0 to 5Vdc, 0 to 10Vdc and 4 to 20mA. These analog outputs are proportional to the room pressure. An optional audible alarm is available for Model DRPM-1.

A selector switch allows the setup for either 120Vac or 240Vac, 50/60Hz service.

SPECIFICATIONS

- ACCURACY OF READING: ± 1% F.S.
- ACCURACY OF ALARM OUTPUT: ± 1% of setpoint (lights and relay)
- STANDARD RANGE: ± 0.1” of water (± 25 Pascal)
- RESOLUTION: ± 0.001” of water (or 0.1 Pascal)
- OPTIONAL RANGES: ± 0.5, ± 1.0, ± 5.0, ± 10.0” of water
- PANEL INDICATOR LIGHTS: One red and one green LED
- DISPLAY: LCD, 3 digits, 0.5” digit height
- ALARM OUTPUT: SPDT relay, contact rate at 5A at 30Vdc or 120Vac, 4A at 240Vac, resistive
- DEADBAND: Preset at 5% of range, field adjustable from 1 to 20%
- POWER REQUIREMENTS: 0-5Vdc, 2.5V at zero pressure, 2mA max.
- ELECTRICAL CONNECTIONS: 0-10Vdc, 5V at zero pressure, 2mA max.
- OPERATING MEDIUM: 4-20mA sourcing, 12mA at zero pressure, max. loop resistance is 560 Ohms
- OPERATING TEMPERATURE: 95-135/150-270Vac, 50/60Hz
- MAXIMUM MOMENTARY PRESSURE LIMIT: 5 watts
- ENCLOSURE: 3/8” terminal strip with 5 screws
- OPERATING MEDIUM: Air or non-corrosive, non-explosive gas
- PHYSICAL DIMENSIONS: ± 0.6” of water (± 1.5kPa)
- COLOR: light gray
- Construction: glass filled polycarbonate, flammability rating of UL94 V-1
- Cover: clear polycarbonate, flammability rating of UL94 V2
- Knockouts: ¾” (19mm) diameter of lower front and back of enclosure
- Hinges: Strong and removable allow hinging from either side, open 180°
- Mounting: 3-point mounting
- WEIGHT: Construction: glass filled polycarbonate, flammability rating of UL94 V-1

Further information:
BERRIMAN ASSOCIATES
1-800-480-3630
www.berriman.com

Manufacturer has a policy of continuing product improvement and reserves the right to make changes in design and specification without notice.