DESCRIPTION:

The RANDFAN-SX Radon operates as a simple stand alone Radon sensor controller to activate radon mitigation devices and alert staff. The RANDFAN-SX will measure airborne radon as free Radon gas (with or without Radon daughters at user’s option) below 1 pCi/l. All data is stored.

- VERIFIES NEED FOR RADON MITIGATION DEVICES
- WIDE RANGE - DIGITAL ACCURACY
- SENSITIVE FOR OCCUPATIONAL EXPOSURE
- FLASHING LED FOR EACH RADON PULSE - OPTIONAL AUDIO SIGNAL
- COMPUTER INTERFACE – NETWORK CAPABLE, WIFI AND LAN

All instruments calibrated by accredited lab. User friendly calibration software is provided.

FEATURES:

- DETECTS RADON & AUTOMATES MITIGATION SYSTEM
- 800 ml ION CHAMBER
- PROTECTS STAFF & CLIENTS
- CONSERVES ENERGY
- RANGE: 0.1 - 600 pCi/l (picoCuries per liter)
- UNITS OF MEASURE: pCi/l, OTHERS ARE AVAILABLE
- COMPUTES TOTAL DAILY DOSE
- LED DIGITAL READOUT
- AC OPERATION WITH OPTIONAL BATTERY BACKUP
- INTERNAL DATA STORAGE, 10 YEARS, NON-VOLATILE
- OPTIONAL: HIGH LEVEL ALARM
- CONNECTS TO PERSONAL COMPUTER
- USER SELECTABLE SET POINT
- OPTIONAL: UPS BATTERY BACKUP
- OPTIONAL: BACNET COMPATIBLE COMMUNICATIONS
- OPTIONAL: MULTI AREA RANDFAN-SX SYSTEM INCLUDES DATA OUTPUT WITH TIME & DATE STAMP

APPLICATION:

The RANDFAN-SX Radon Switch includes a Radon sensor for activation of and/or controls Radon mitigation devices and alert staff. It is a sensitive, rugged, instrument for detection and measurement of airborne Radon. The RANDFAN-SX will trigger Radon mitigation devices: fans, close or open air vents, etc. and/or alert staff. Inlet and outlet hoses allow monitoring room air or the interiors of fume hoods, exhaust stacks, etc.
RADON SWITCH

Model – RANDFAN-SX

SPECIFICATIONS:

• Measurement Range: Large, easy to read 4-digit LED readout. 0.1 to 600 pCi/l
• Smoke and Dust Elimination: Filter reduces effects to negligible level
• Detector: 800 ml Ion Chamber
• Circuit: Patented Overhoff Electrometer
• Alarm: Low Air Flow
• Tamper Proof Panel Controls: Protected Alarm Set Button
• Calibration: Calibration with radon gas
• Computer Port: LAN and Wi-Fi
• Housing: Rugged steel wall-mount, weather-proof (NEMA 12 rated)
• Data Output: WIN-W: Win-Wedge data logging software for users PC

Data is non-volatile

MULTI-AREA RANDFAN-SX SYSTEM:

• 2 or More RANDFAN-SX
• FM-9W Data Hub
• Fan Controller

OPTIONS:

• Multi-Inlet
• Manifold With Time Share Controller
• Remote Display

DIMENSIONS:

• Wall Mount Enclosure: 16” L x 12” W x 5” H
• Weight: 15 lbs

POWER:

• AC Power Only: 120VAC or 240VAC
• Battery Backup: UPS (Uninterrupted Power Supply).

OPTIONS:

➢ Alarm: High Level: Visual & Audible Indicators

RAL-3A: Remote Alarm (audible & visual), includes 25 ft. of cable. (Optional Cable length to suit, up to 500 ft)

➢ Detector: HTR-7: Heated Ion Chamber

➢ DATA OUTPUT: BACNET compatible communications

➢ MULTI AREA RANDFAN-SX SYSTEM INCLUDES DATA OUTPUT WITH TIME & DATE STAMP