

# BLUE MOUNTAIN RESORT

## Ski Resort Restaurant

### THE CHALLENGE

Families come to the luxurious Blue Mountain Resort's Slopeside Pub & Grill expecting an unforgettable on-mountain dining experience. The customer wanted a majestic custom gas fireplace solution that would allow guests to continue their après-ski adventure with breathtaking views of the Pocono Mountains, warm fires, delicious food and cocktails both indoors and outdoors all year round.

Their contractor, Serfass Construction Co., engaged Acucraft Fireplace Systems to provide a custom gas fireplace solution to deliver the perfect ambiance inside and out. In addition to beauty, they needed efficient heat relief, safety and perfect draft. Only ENERVEX products could deliver the level of quality products and high standards for luxury required by Blue Mountain.

### THE SOLUTION

ENERVEX and Acucraft worked with Serfass to install:

1. A custom gas indoor/outdoor glassed-in fireplace connecting the restaurant's interior and patio dining areas and
2. A gorgeous three-sided, custom gas peninsula open fireplace to grace the restaurant interior

The indoor/outdoor fireplace boasts a 60" wide x 24" tall viewing area with a 52" propane burner, adding the perfect ambiance to both the interior and exterior dining options. It provides up to 100,000 BTUs depending upon flame height, easy wall-switch on/off controls, bronze glass media, dual-pane glass, Class A Flue system with heat relief, RS9 and RS12 power vent variable-speed fans (one for venting and one for air-cooling the double-paned glass), ADC 100 fan and damper control with PDS-1 proven draft switch, and 7-gauge steel firebox welded inside and out.

### JOB PROFILE

**Location:**

- Palmerton, PA

**Completion:**

- June 2016

**Owner:**

- Blue Mountain Resort

**Contractor/Engineer:**

- Serfass Construction Company

**ENERVEX Rep:**

- Acucraft Fireplace Systems

The show-stopping peninsula open is a commercial gas fireplace with custom open glass viewing areas of 72 ¼" x 48" with a 60" electronic ignition natural gas burner. It features up to 100,000 BTUs, a 12" dual-pane glass barrier around the bottom, wall-switch on/off control, glass media, Class A flue system with heat relief, two RS16 variable-speed chimney fans, ADC 100 with PDS-1 proven draft switch, two 16" Mechanical Fireplace Dampers (MFD) and 7-gauge steel firebox welded inside and out.

### THE RESULT

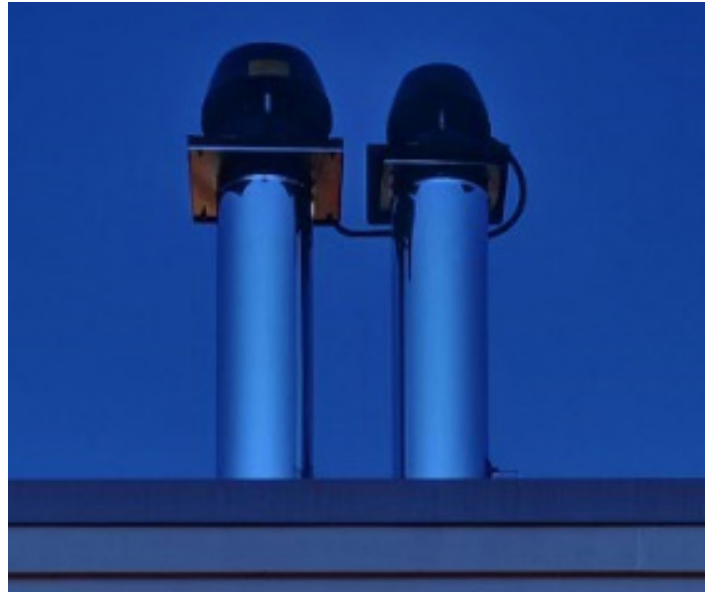
This high-quality custom gas fireplace solution generates increased revenue opportunities for the ski resort by creating an inviting dining space no matter what time of year. The chimney and fan products offer clean and easy installation,



The custom indoor/outdoor glassed-in fireplace



The custom three-sided, gas peninsula open fireplace



ENERVEX's RS variable speed chimney fans at work

efficient heat relief, quiet operation, added safety and lower operating costs.

The ENERVEX RS power vent series gives Blue Mountain a compact design that is barely visible from the ground level. Available in four sizes, the RS fan can be either recessed or hidden behind the chimney top enclosure, adding beauty and flexibility. In addition, the fans bring quiet operation, low operating costs and a six-month performance guarantee through ENERVEX.

Finally, the MFDs save energy by preventing heat from escaping up through the flue when the fireplaces are not in use, in addition to preventing backdraft down the chimney. This low-profile, automated chimney-top mounted fireplace damper with integrated fail-safe system is uniquely designed to work seamlessly with the ADC 100 — a fan and damper control that can control draft in applications where modulation is not required. The ADCs control the speed of the fans to maintain proper pressure in the chimney.

**ENERVEX products installed:**

- One RS9 variable-speed chimney fan
- One RS12 variable-speed chimney fan
- Two RS16 variable-speed chimney fans
- Two ADC 100 fan and damper controls
- Two PDS-1 Proven Draft Switches
- Two 16" MFD Mechanical Fireplace Dampers

Located along the Appalachian Mountains in Little Gap Valley, Blue Mountain Resort is home to the highest vertical, the most varied terrain, and some of the longest runs in Pennsylvania. With such an impressive location, only ENERVEX products could deliver the level of quality and high standards for luxury required by Blue Mountain.