

National Heritage Academies Riverton Charter School, St. Albans, NY

Project Owner:

National Heritage Academies Riverton Charter School

Design Team

- Architect: Bergman Associates
- Engineer: New York Engineers

Mechanical Contractor:

- Matrix Mechanical

ADE Contact:

- Sales: Robert Ronzka
- Engineering: Nancy Román

Manufacturer:

- Prihoda Tailor made air ducting & diffusers

Completion Date:

- 2015

Challenges/Problems/Solutions:

Fabric duct system specified and installed providing the following for a Gymnasium application:

- Fabric duct made of polyester endless fibers with inwrought carbon fiber supplied in multiple lengths of 20" and 14" diameter circular shape duct
- Internal aluminum reinforcing rings support to hold duct shape when system is off or at a minimum airflow
- Textile nozzle to provide the required air dispersion for this application
- Tensioner in track to prevent movement, creasing and wrinkles in fabric that may have been created from shipped material folded in boxes
- Single track suspension with cable
- UL Classified fire resistant
- Antimicrobial
- 10 year warranty
- Machine washable

Project Description:

Gymnasium

