

**TRION HIGH SCHOOL  
WEIGHT ROOM  
TRION, GA**

**YANMAR**



**“We decided to go with a natural gas heating and air system in our 50’ x 90’ weight room. YANMAR was with us from the beginning to end, and provided guidance throughout the process. We are 100% satisfied with YANMAR’s product, customer service and commitment to our school system, and we look forward to working with them in the future.”**  
- Dr. Phillip Williams, Superintendent, Trion City Schools



### **Project Overview**

The Trion High School Weight Room is a 50’ x 90’ metal building located next to Trion City Schools’ new gymnasium. The building, which was designed and developed by the school superintendent, features two-inch thick rubber tile with areas for weights, showers, a changing room and an electrical room. Installed equipment includes a 10 ton YANMAR outdoor VRF unit, 3 indoor fan coil units, YANMAR remote monitoring and an Intelligent Touch Controller.

### **Reason for Choosing YANMAR**

YANMAR’s VRF system offered several key benefits to Trion City Schools.

The return on investment period was calculated to be less than 5 years based on electrical cost savings by switching to natural gas, projected installation costs and maintenance costs.

Additionally, the customer can rely on YANMAR trained service personnel who will ensure that all maintenance and service of the system is completed properly and on schedule.

By using YANMAR’s 24/7/365 remote monitoring system, YANMAR technical representatives will be notified of any problems that occur, so that they can be resolved quickly for increased unit uptime.

Plus, the system is backed by a 5 year/20,000 hour parts; 1 year/4,000 hour labor and 7 year/28,000 hour compressor warranty from the date it was commissioned.

### **About YANMAR America Energy Systems**

YANMAR America Energy Systems in the North, Central and South American headquarters for the company's Variable Refrigerant Flow and Combined Heat and Power systems. Our team and products are focused on sustainability, reliability, and efficiency.

**YANMAR America - YANMAR-ES.com**  
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# QUICK FACTS

**APPLICATION:** Fitness Center **LOCATION:** Trion, GA **COMMISSIONING DATE:** February 2017  
**PRODUCT INSTALLED:** NNCP120J **RESULTS:** Reduced electrical consumption, projected payback period of less than five year, dedicated service personnel, Remote monitoring capabilities



## Conclusion

In the first three months of operation, the YANMAR 10-ton VRF unit provided an operating costs savings of \$2,424.76. In fact, the City of Trion was so impressed with YANMAR's system that they quickly awarded and began installing a multi-unit VRF system project for their recreation center, which was commissioned in August 2017.

**YANMAR VRF OPERATING COSTS - APRIL - JUNE 2017**

