

PROUD TO BE A PART OF PROJECT PATRIOT

When a world crisis presented an incredibly challenging project with a near-impossible timeline, Advanced Thermal Hydraulics (ATH) was honored to do our part in support of biotechnology giant Thermo Fisher to make testing supplies available for the good of all society. Thermo Fisher, a world leader in scientific technologies, has been at the heart of the global response to COVID-19 from the very beginning. Their scientific instrumentation and products have been center stage throughout this entire battle, from the characterization of the pathogen to the development of diagnostic testing, treatments, and vaccines.

To meet the surge in demand for Viral Transport Media (VTM), a critical part of the workflow in getting COVID-19 samples collected, transported, and tested, Thermo Fisher built a new sample collection manufacturing plant in Lenexa, KS. The 120,000 square foot facility was built, utilizing existing warehouse space, in six weeks with 161 workers and 50,000 hours of labor. Twelve-hour shifts worked around the clock, seven days a week, to complete the project.

When it came to the heating system, the engineering team at the InSite Group, the project management firm handling the job, reached out to ATH Manufacturer's Representative J.M. O'Conner, Inc. Plans called for a low-temperature system to maximize efficiency, making the KN-Series Plus cast iron condensing boilers an ideal fit. "We immediately told the InSite Group that if they wanted a bulletproof heat exchanger and a 25-year industry-leading warranty, then KN-Series was the only choice," said J.M. O'Conner General Manager Warren Jurgens. ATH's quick-ship program was critical to keeping the project on track. The fact KN-Series boilers are made in America further secured their selection for the project. "We told ATH that this project was of great importance to our national emergency. Seventy-two hours later, ATH shipped two KN16+ boilers to us," said Jurgens.

The new facility is now producing 8 million VTM units per day which are shipped worldwide for diagnostic testing. ATH is proud to be a part of Project Patriot – the name given to this massive 43-million-dollar undertaking to help in the fight against COVID-19.



PROJECT PATRIOT

From the shell of a building to
producing 8 millions VTM units
per day in only six weeks

Project Name

Thermo Fisher Scientific
Lenexa, KS

ATH Products

(2) KN-Series Plus
3,200,000 Total BTU/h

Manufacturer's**Representative**

J.M. O'Connor, Inc.
jmoconnor.net

Project**Management**

The InSite Group
www.theinsitegroup.com



"We told ATH that this project was of great importance to our national emergency. 72 hours later, ATH shipped two KN16+ boilers to us."

