

nVent HOFFMAN Provides Quality and Flexibility with its Type 12 Wireway



GRIFFIN ELECTRIC DELIVERS ROBUST SOLUTION FOR INSULET'S NEW MEDICAL DEVICE MANUFACTURING FACILITY

Location: Boston, MA

Situation: Power 18 separate production machines throughout the plant floor of a new medical device manufacturing facility

Solution: Type 12 Wireway

Results: Lead times, installation and budget all met

SITUATION

For its new medical device manufacturing facility in the Boston area, Insulet Corp.'s needed a comprehensive, NEMA 12-rated wireway solution – and turned to nVent HOFFMAN.

The detailed specifications outlined precisely where to run wires and drop cables from the ceiling to power 18 separate production machines throughout the plant floor, while dividing power wiring from communications wiring.



"Our supplier reviewed different manufacturers," said Glenn Carter, facilities manager at Insulet. "We also look for a commitment to lead times and commitment to price – that's critical. nVent HOFFMAN really was the best option in terms of premium quality, product breadth, and availability for what we needed."

SOLUTION

Contracted to design and install the application, Griffin Electric created the layout for the plenum space and clean room using provided CAD drawings.

"nVent HOFFMAN provided the necessary parts and pieces, including the variety needed, and the flexibility to have a little tolerance," said Thomas Ferronetti, foreman at Griffin Electric. "We built each part with the CAD drawings, using specific dimensions from nVent HOFFMAN's website to configure the right product mix, including specially sized 3-inch flanges, box connectors, reducers, elbows, and other fittings, for the application."

When a few minor adjustments emerged requiring additional parts, nVent HOFFMAN "stepped up and got us the parts we needed," he added.

After the CAD drawings were completed, the Griffin Electric crew moved inside the facility to begin implementation. Six to eight team members worked together at a given time on the large, intricate project.

"Everything had to be perfectly set exactly within an inch" Ferronetti explained. The team carefully measured each dimension, squaring connection points, accurately marking the floors for laser points, and laying lines. Once ready, they installed the hangers first, then the troughs, then the wireway, and so on.

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RESULTS

"Everything went together very well," Ferronetti said.
"We met the deadline and budget – that's very important."

In review, Ferronetti and Carter highlighted nVent HOFFMAN's commitment to accurate lead times and parts delivery. In fact, nVent HOFFMAN cut the original lead times significantly once the purchase orders were completed – and products were delivered on time and in an organized fashion, making it easier for the installation crew to stay on task and schedule.

"The project went very well," Carter said. "nVent HOFFMAN's team was very responsive. The product is working extremely well for the application and we would definitely use nVent HOFFMAN again."



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