

## CASE STUDY:

### JET HEATER IMPROVES WORKING CONDITIONS AND SAVES MONEY FOR CONCRETE CONTRACTOR ON HIGH-RISE BUILDING PROJECT

**Location:** New York City, NY **Industry:** Concrete / Construction

**Equipment:** Flameless Jet Heater

**New York City** - A single jet heater was lifted atop a building under construction. As a result, a concrete contractor never worked the same again. On a high-rise building under construction in Manhattan, a concrete contractor poured each concrete slab, one floor after another. For years, this contractor operated much like many other concrete contractors, using petroleum coke stoves (dozens on each floor) to provide heating in the space before, during and after concrete was poured. After the curing was complete, extensive cleanup was required, eating away at labor and adding another expense to every project.

**Need Heating and Savings** - The labor intensive and rather messy method was troublesome for the contractor and they went in search of something new. A heating option that worked in high-rises in the city, they needed a heater that met a number of criteria. Their list of needs included a heater that was fueled economically, generated heat safely for the health and safety of workers, powerful enough to cover a large floor of concrete – and could fit in elevators.



**Jet Heater Provides Solutions** - As soon as the contractor learned about the jet heater, it checked nearly every box of what these concrete contractors sought. The jet heater delivered powerful and large quantities of heat in a small package, operating on diesel – but emitting no dangerous fumes. One person could easily operate the unit, and it moved easily from one floor to another. This was the heating solution for their concrete operation. No more fire watch was needed, the unit was powerful enough to sit outside and generate warm air up to spaces above, or it could be placed inside, with no danger to workers inside. This heater met all their criteria and then some.

**Working Differently Because of Jet Heat** - A single jet heater was used on the project and helped the contractor efficiently pour concrete, one floor after another. No more labor intensive (and expensive) fire watches were needed. Crews worked more efficiently with no concerns of fumes or laborious moving of coke stoves or cleaning up after them.

**Sold on this Heater** - The jet heater was such a success that the company bought several units for regular use on all their winter concrete curing projects. Whether for a concrete flooring job in a New York City high rise or a large warehouse concrete floor in New Jersey, this contractor understands the benefits and impact of the jet heater.