

Simsite® Heat Exchanger Doors



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SIMSITE® Heat Exchanger Doors - Quick Open and Close

How many times have you had to open the ends of a heat exchanger to clean the tubes?



These Heat Exchangers in a power plant are 42" in diameter and have 36 fasteners securing each cover plate. Each metallic cover plate weighs in excess of 1500 lbs.

The **LIGHT WEIGHT SIMSITE®** Heat Exchanger Door replaces the heavy metallic cover plate. The **SIMSITE®** Heat Exchanger Door is extremely strong, yet remarkably **LIGHT WEIGHT**, and is permanently attached to the heat exchanger with a stainless steel outer ring and a stainless steel hinge. The door can now be opened and closed in minutes by simply opening 6 wing nuts. No longer do you have to rig the cover plate from the Heat Exchanger! - Many times these heat exchanger doors are in difficult places to reach, or require the rig of metallic cover plates. The other advantage of a **SIMSITE®** Heat Exchanger Door is that it will **NEVER CORRODE!**

Without a **SIMSITE®** Heat Exchanger Door, the job requires the removal of 36 to 60 nuts, rigging a crane, and prying open a 4 to 5 foot metallic cover - that weighs in excess of 2000 lbs. - away from the Heat Exchanger, lifting the cover with a crane, cleaning the tubes, replacing the gaskets and rigging the cover plate back onto the heat exchanger, and re-securing and tightening the 36 to 60 nuts. This rigorous job, which can take days, always poses a safety issue - if a finger, fingers or hand should accidentally become pinched between the door and the Heat Exchanger - the person will surely lose their limb.

With a **SIMSITE®** Heat Exchanger Door, there are no safety issues, and the job time can be drastically reduced to only minutes rather than hours, or even days.



The **SIMSITE®** Heat Exchanger Door is permanently attached to the heat exchanger and can be easily opened and closed in minutes. This Door is Light Weight and extremely strong.