

# Cooling unit in a hospital water box

ID: 9895

Industry:	Buildings & Structures	Customer Location:	Oklahoma city
Application:	HEX-Heat Exchangers	Application Date:	March 2025
Substrate:	Carbon steel		
Products:	Belzona 1121 (Super XL-Metal),Belzona 5811 (Immersion Grade)		

### Problem

The pan was suffering for corrosion and pin holes that was leaking water out of the pin holes and running into a operating room



Inside look cooling unit pan before first coat



Outside look cooling unit pan before first coat



First coat of Belzona 5811 red



Second coat of Belzona 5811 black

### Application Situation

The hospital estimated that it would take about 6 weeks to replace this unit by cutting it out, breaking down walls, Belzona was able to repair in in two days .

### Application Method

We could not use any blasting equipment, so the pan was prepped by a wire cup on a grinder. no specialized equipment was needed.

### Belzona Facts

The cost for n new unit was \$375000.00  
The cost for remove and install the unit was \$275000  
Belzona was under 10k

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FS 695214  
ISO 14001:2015  
EMS 695213

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