

## PH #1046 Cooling CO2

### Application: COOLING CO2

The customer needs to cool CO2 down from 122° F down to 36° F or lower. The tube side will use CO2 at a pressure of 1500 psia. The shell side will use 30% of ethylene glycol and water with a flow rate of 13.2 l/min.

### Solution

- Tube-in-Tube Heat Exchanger
- Model 00448
- All components 316L Stainless Steel



### Features & Benefits

- Heat Transfer Area: 1.7 ft<sup>2</sup>
- Surface finish: 20  $\mu$ in (0.5  $\mu$ m) R<sub>a</sub> Max
- Inner Tube Fitting: 3/8" NPT Male
- Outer Tube Fitting: 3/4" NPT Female

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#### How to contact Exergy

Please call 1-516-832-9300  
or visit [www.exergyllc.com](http://www.exergyllc.com)  
to locate your local rep.