

Item # CUY 35M5, Hydronic Series Liquid to Liquid Heat Exchangers

Boiler Water to Domestic Water for Freeze Protection, District Heating, Cogeneration and Solar Energy applications

Vented Double-Wall, Mechanically Cleanable, Tube-in-Tube



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Specifications

| | |
|---------------|--------------|
| Application | Potable |
| Heat Transfer | 700,000 Btuh |
| Length | 53 " |
| Width | 21 " |
| Height | 34 " |
| Hot Conn | 1 5/8 " |
| Cold Conn | 1 5/8 " |
| Weight | 525 lbs |

Benefits

- Vented double-wall construction prevents cross contamination
- Compatible material for easy installation
- Clog-resistant and mechanically cleanable
- High-performance counterflow design
- Compact, rigid design is ready to install

Features

Available in all-copper construction, the Hydronic Series provides desirable material compatibility for fast and easy installation. The series is also available in 90-10 cupronickel and stainless steel for highly corrosive applications. The Hydronic Series is available in sizes from 50,000 Btu's through 1,000,000 Btu's and Doucette Industries will custom design models for specific applications.



20 Leigh Drive,
York, Pennsylvania 17406-8474



Website: www.doucetteindustries.com



Phone: 717-845-8746
Toll-free: 800-445-7511
Fax: 717-845-2864



Commercial/Industrial: AdamM@doucetteindustries.com
Residential/Light Commercial: AdamM@doucetteindustries.com



Other Applications

- Snow Melt
- Freeze Protection
- Domestic Hot Water
- Industrial Processes
- District Heating Facility
- Solar Energy
- Cogeneration

Rating Conditions and Specifications

Hotside: Boiler Water entering at 180°F, leaving at 160°F. Pressure Drop < 2 psig

Coldside: Domestic Water entering at 100°F, leaving at 140°F. Pressure Drop < 4 psig

Design Pressure: 300psig both circuits



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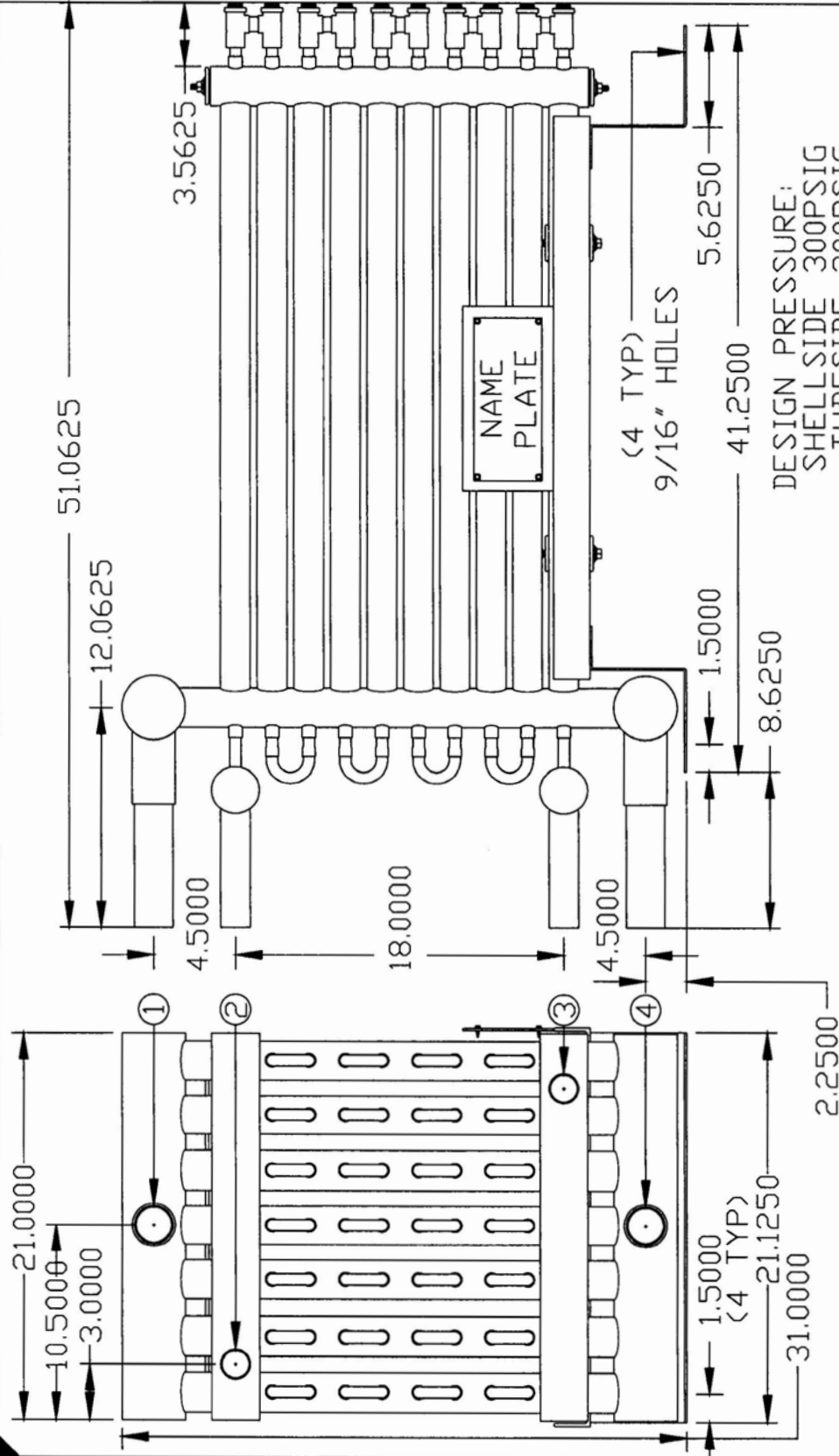


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doucette
industries, inc

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DESIGN PRESSURE:
SHELL SIDE 300PSIG
TUBE SIDE 300PSIG

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|------------|---|----------------|
| TOLERANCES | DOUCETTE INDUSTRIES, INC. | |
| DECIMAL | .125 | SCALE |
| FRACTIONAL | | DRAWN BY: RLK |
| | | APP. BY: RJR |
| | | TITLE |
| | | DATE |
| | | DRAWING NUMBER |
| | | C67512 |
| GAUGE | ALL DIMENSIONS INCHES, UNLESS SPECIFIED | |

CONNECTIONS:
 1.) HOT SUPPLY 2-1/8" DD COPPER SWEAT
 2.) COLD RETURN 1-5/8" DD COPPER SWEAT
 3.) COLD SUPPLY 1-5/8" DD COPPER SWEAT
 4.) HOT RETURN 2-1/8" DD COPPER SWEAT



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