

# BRAZED PLATE HEAT EXCHANGERS

(BPHE)



**MAIOCCO & ASSOCIATES**

HEAT TRANSFER SOLUTIONS | [WWW.HXCOILS.COM](http://WWW.HXCOILS.COM)

Maiocco & Associates offers the broadest range of Mueller brazed plate heat exchangers (BPHE) many of which are in stock and can be shipped within 24 hours.

## DESIGN, CONSTRUCTION & OPERATION

Our brazed plate heat exchanger contains up to 200 herringbone-pattern-embossed plates of stainless steel construction. Every other plate is turned 180°, causing the ridges of adjacent plates to intersect one another, thus forming a lattice of contact points. The contact points are subsequently brazed together resulting in a compact, pressure-resistant heat exchanger.

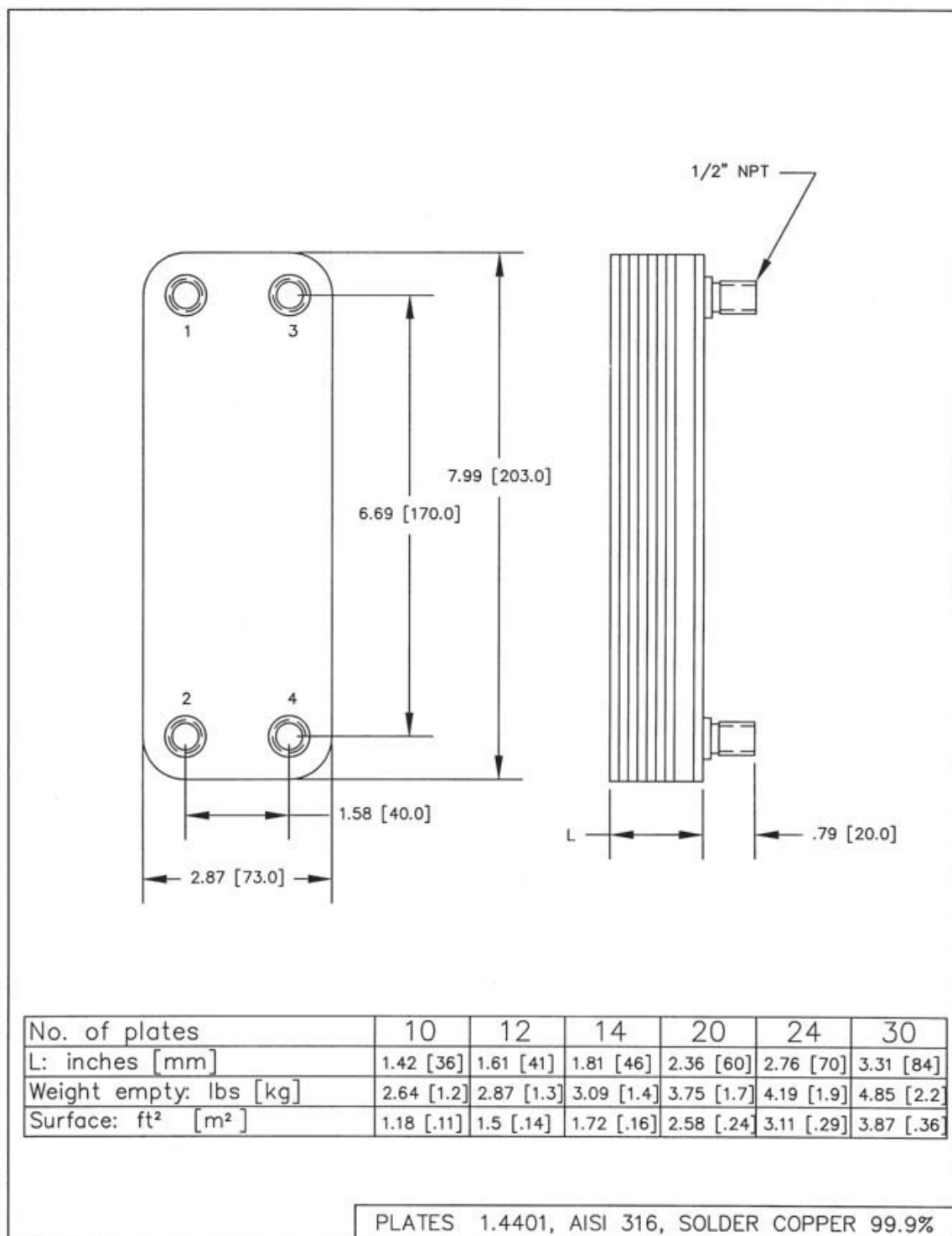
The brazed plates form two separate channel systems. The two media assume a true countercurrent flow, completely isolated from each other. This channel configuration is designed to produce high turbulence, promoting maximum heat transfer.

## SIZE & CAPACITY – 44 POUNDS. 2 FEET HIGH. TRANSFERS 180,000 BTUH.

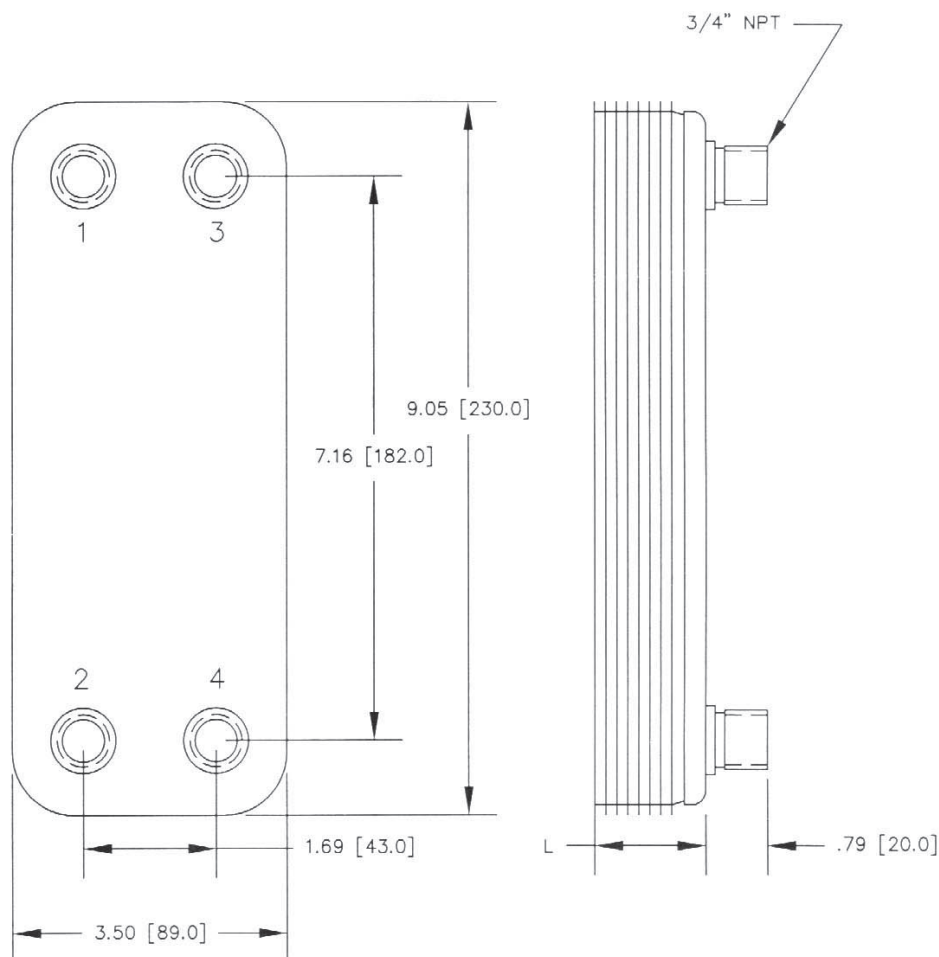
Today, many applications require small, efficient heat exchangers that transfer 180,000 Btuh as efficiently as the more traditional, larger and heavier shell and tube heat exchangers.

## DIAGRAMS INCLUDED BELOW:

Brazed Plate Heat Exchanger WP1  
Brazed Plate Heat Exchanger WP2  
Brazed Plate Heat Exchanger WP22  
Brazed Plate Heat Exchanger WP3  
Brazed Plate Heat Exchanger WP4  
Brazed Plate Heat Exchanger WP5  
Brazed Plate Heat Exchanger WP5 duo  
Brazed Plate Heat Exchanger WP7  
Brazed Plate Heat Exchanger WP7 duo



## MUELLER BRAZED HEAT EXCHANGERS

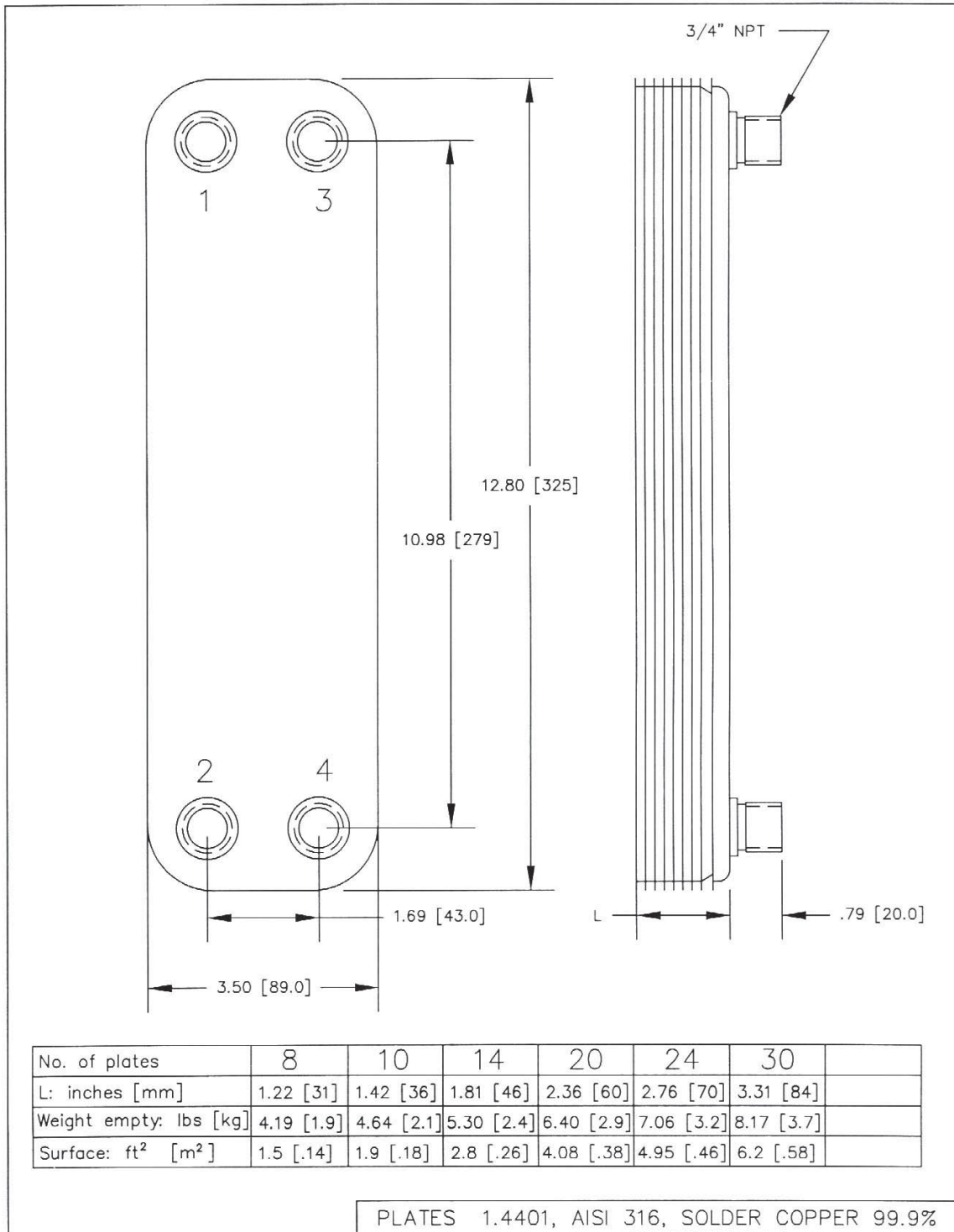


No. of plates	10	14	20	24	30	40	50
L: inches [mm]	1.42 [36]	1.81 [46]	2.36 [60]	2.76 [70]	3.31 [84]	4.25 [108]	5.19 [132]
Weight empty: lbs [kg]	3.75 [1.7]	4.19 [1.9]	5.08 [2.3]	5.52 [2.5]	6.40 [2.9]	7.73 [3.5]	9.05 [4.1]
Surface: ft <sup>2</sup> [m <sup>2</sup> ]	1.4 [.13]	2.04 [.19]	3.01 [.28]	3.66 [.34]	4.62 [.43]	6.13 [.57]	7.74 [.72]

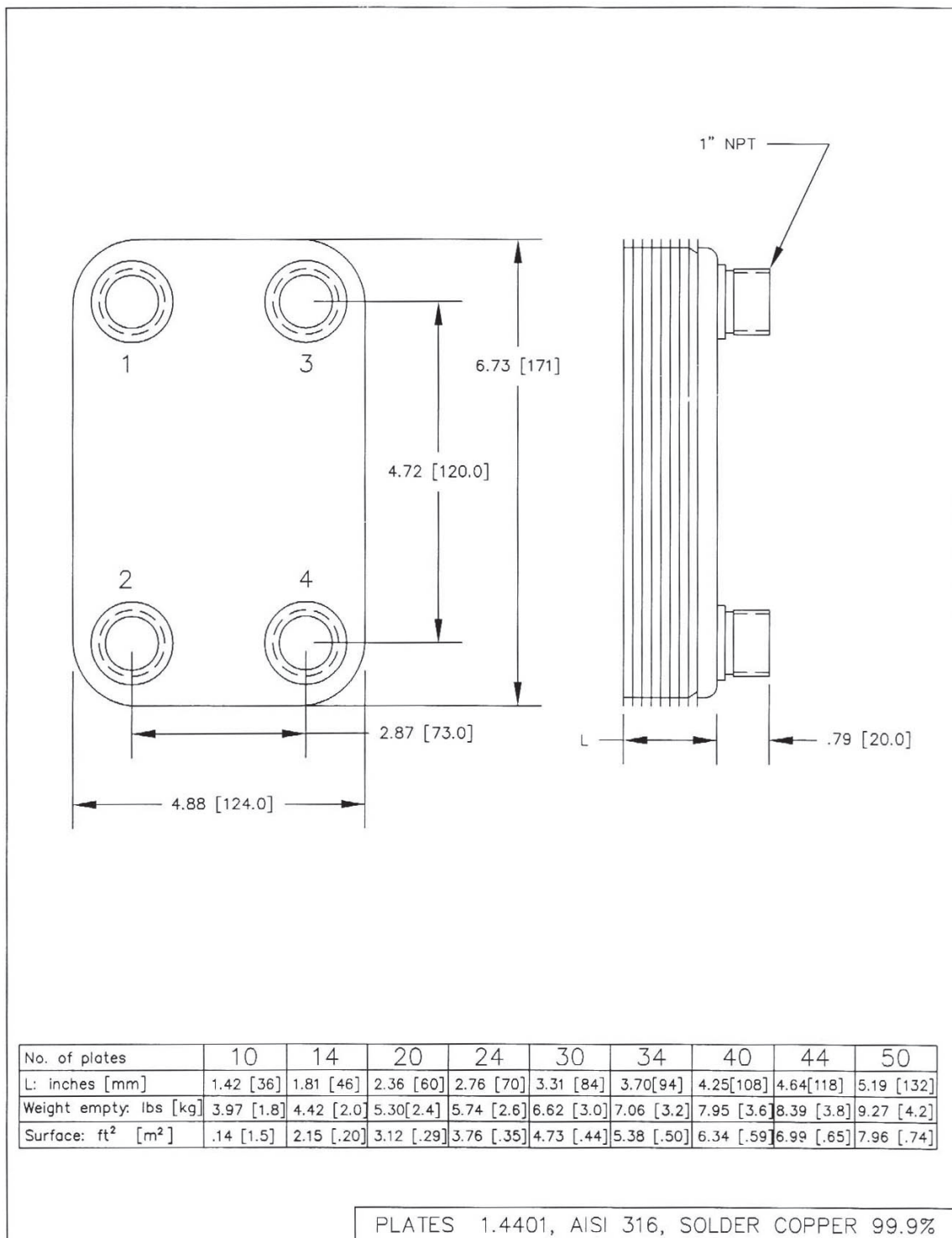
PLATES 1.4401, AISI 316, SOLDER COPPER 99.9%

## MUELLER BRAZED HEAT EXCHANGERS

# BRAZED PLATE HEAT EXCHANGERS — WP22

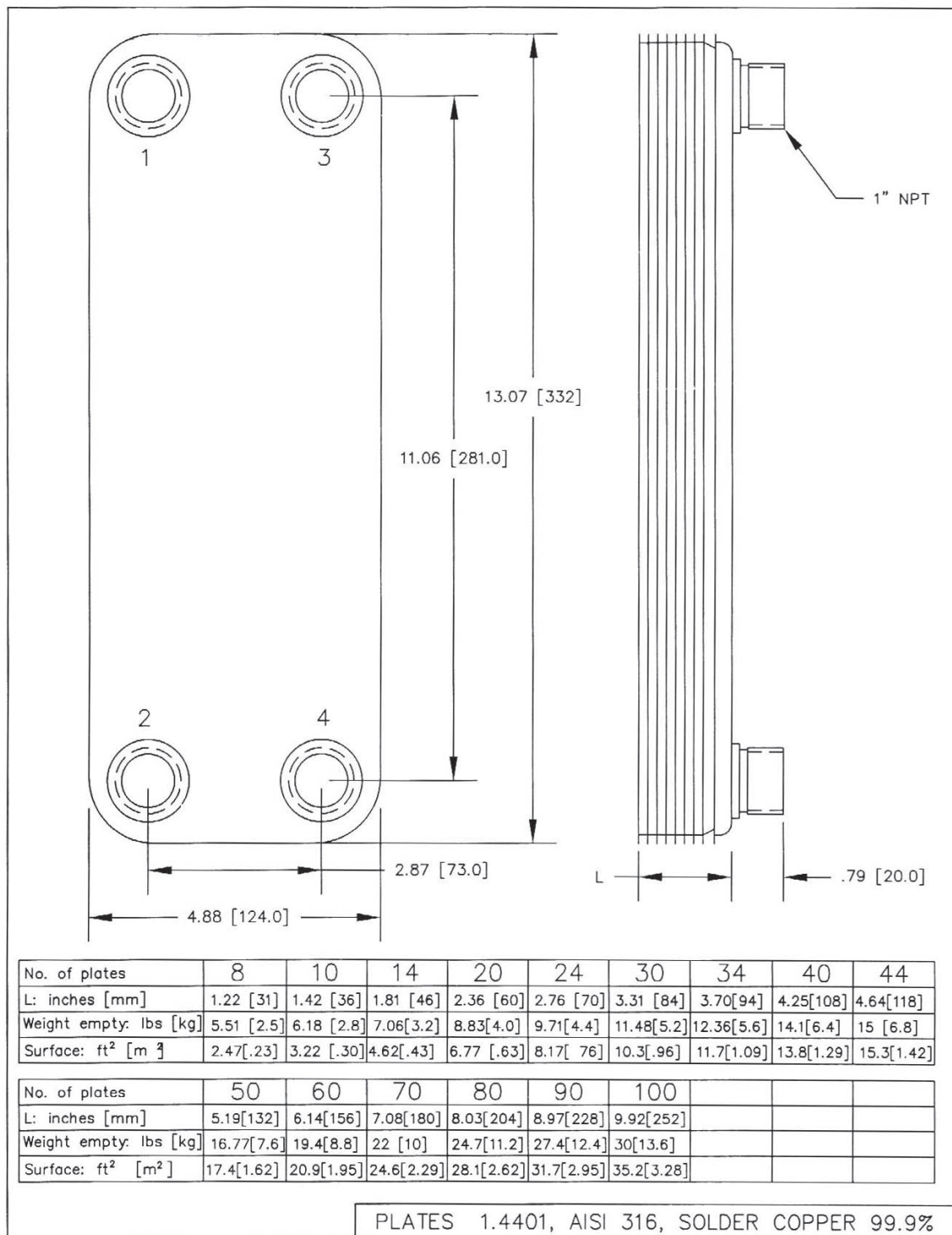


## MUELLER BRAZED HEAT EXCHANGERS



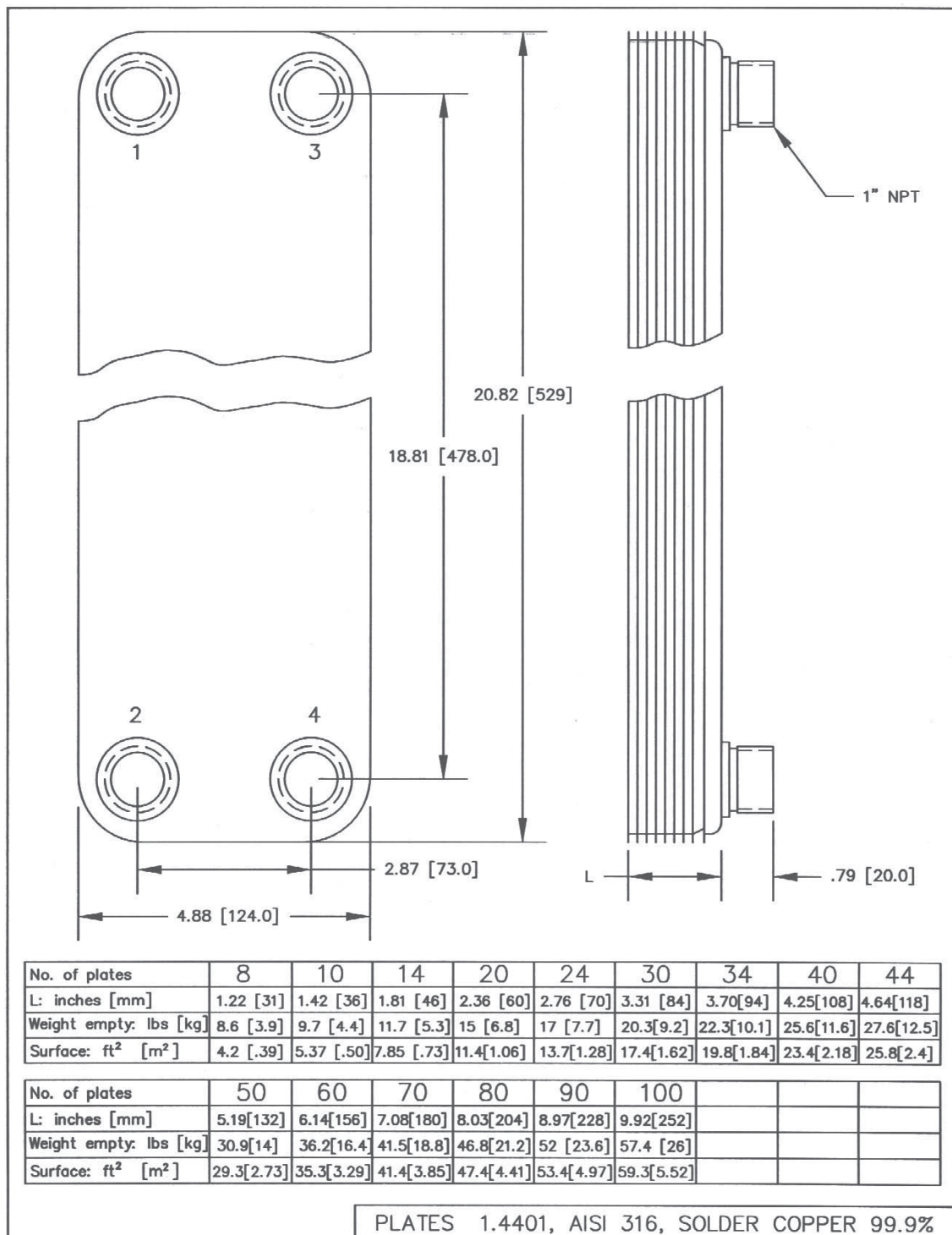
## MUELLER BRAZED HEAT EXCHANGERS





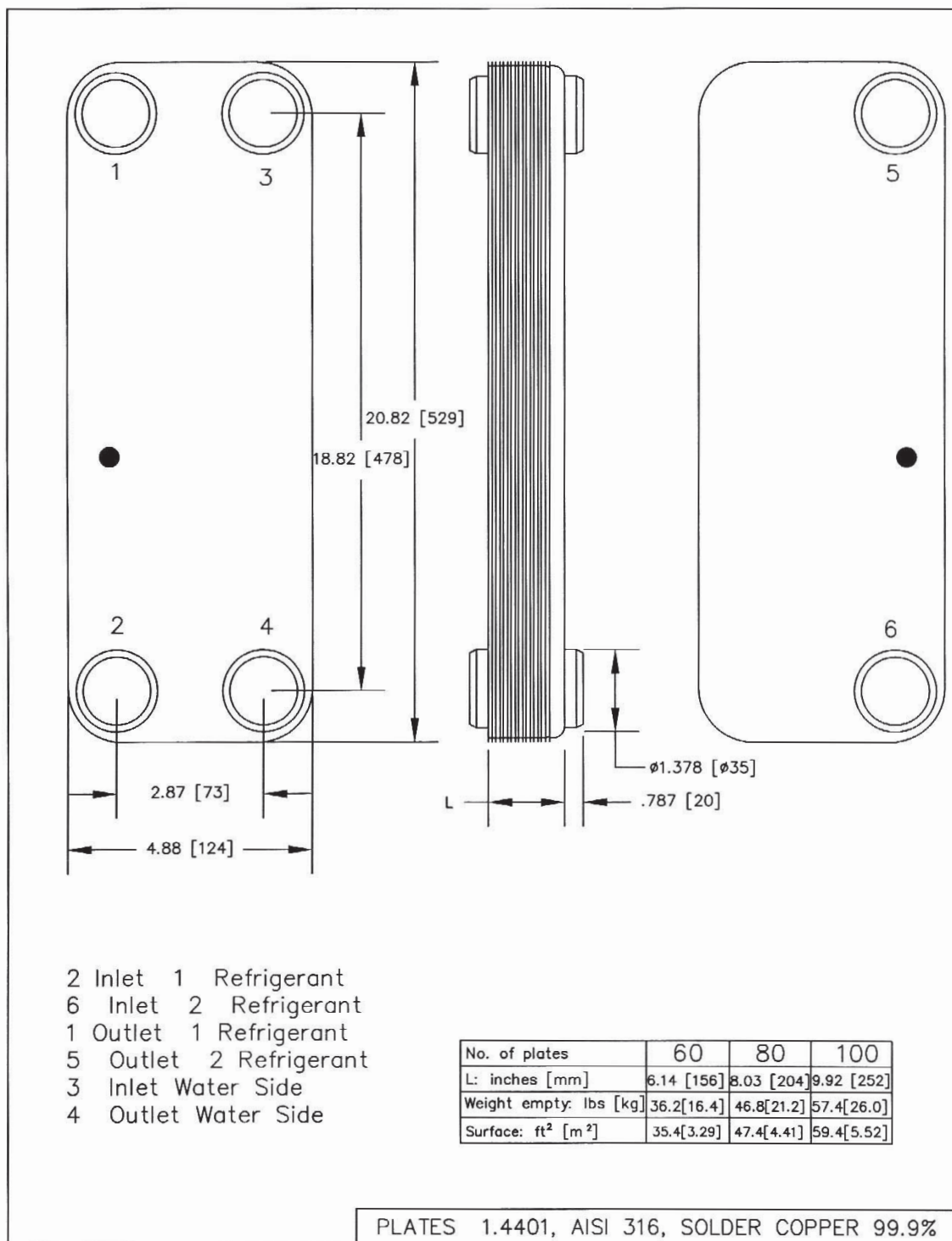
## MUELLER BRAZED HEAT EXCHANGERS

# BRAZED PLATE HEAT EXCHANGERS — WP5



**MUELLER BRAZED HEAT EXCHANGERS**

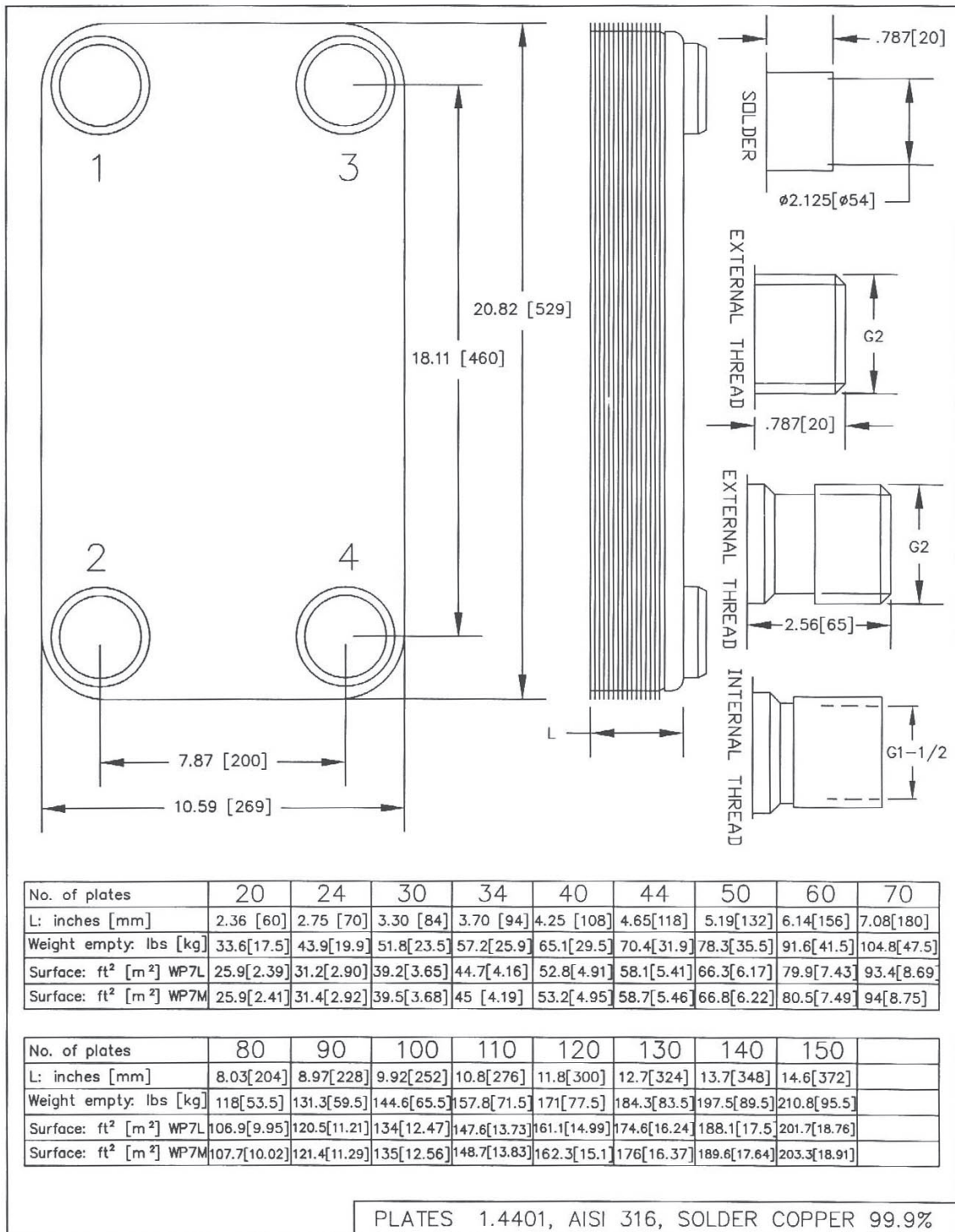
# BRAZED PLATE HEAT EXCHANGERS — WP5 DUO



## MUELLER BRAZED HEAT EXCHANGERS

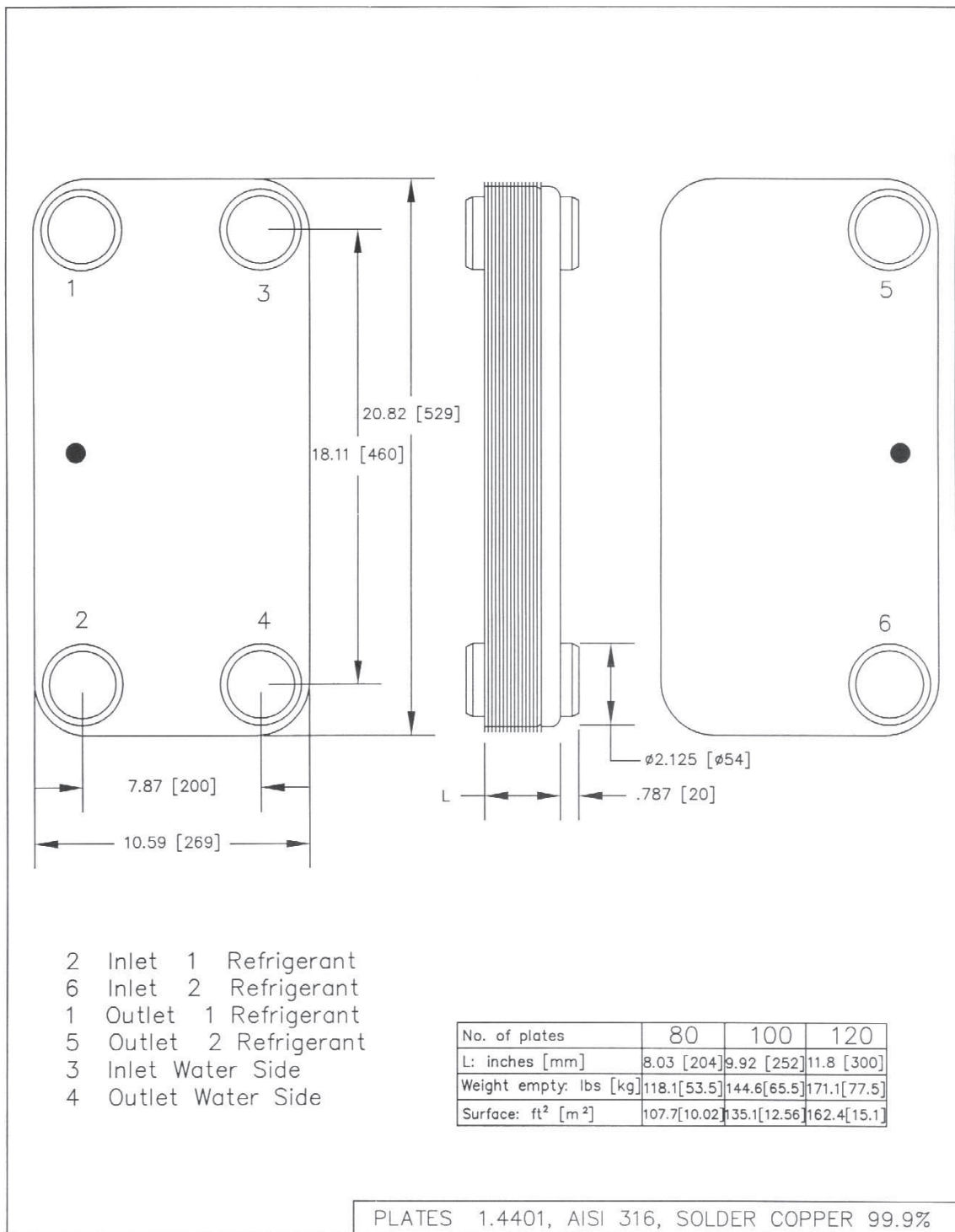


# BRAZED PLATE HEAT EXCHANGERS — WP7



## MUELLER BRAZED HEAT EXCHANGERS

# BRAZED PLATE HEAT EXCHANGERS — WP7 DUO



## MUELLER BRAZED HEAT EXCHANGERS