



| EXCHANGER SIZE | DIMENSIONS |      |         |      |         |      |        |      |        |     |        |     |
|----------------|------------|------|---------|------|---------|------|--------|------|--------|-----|--------|-----|
|                | A          |      | B       |      | C       |      | D      |      | N1     |     | N2     |     |
|                | inches     | mm   | inches  | mm   | inches  | mm   | inches | mm   | inches | mm  | inches | mm  |
| WS-203-2-2     | 54 1/8     | 1375 | 13 1/2  | 343  | N/A     | N/A  | 39     | 991  | 12     | 305 | 4      | 102 |
| WS-204-2-2     | 66 1/8     | 1680 | 25 1/2  | 648  | 10 1/2  | 267  | 51     | 1295 | 12     | 305 | 4      | 102 |
| WS-205-2-2     | 78 1/8     | 1984 | 37 1/2  | 953  | 22 1/2  | 572  | 63     | 1600 | 12     | 305 | 4      | 102 |
| WS-206-2-2     | 90 1/8     | 2289 | 49 1/2  | 1257 | 34 1/2  | 876  | 75     | 1905 | 12     | 305 | 4      | 102 |
| WS-207-2-2     | 102 1/8    | 2594 | 61 1/2  | 1562 | 46 1/2  | 1181 | 87     | 2210 | 12     | 305 | 4      | 102 |
| WS-208-2-2     | 114 1/8    | 2899 | 73 1/2  | 1867 | 58 1/2  | 1486 | 99     | 2515 | 12     | 305 | 4      | 102 |
| WS-209-2-2     | 126 1/8    | 3204 | 85 1/2  | 2172 | 70 1/2  | 1791 | 111    | 2819 | 12     | 305 | 4      | 102 |
| WS-2010-2-2    | 138 1/8    | 3508 | 97 1/2  | 2477 | 82 1/2  | 2096 | 123    | 3124 | 12     | 305 | 4      | 102 |
| WS-2011-2-2    | 150 1/8    | 3813 | 109 1/2 | 2781 | 94 1/2  | 2400 | 135    | 3429 | 12     | 305 | 4      | 102 |
| WS-2012-2-2    | 162 1/8    | 4118 | 121 1/2 | 3086 | 106 1/2 | 2705 | 147    | 3734 | 12     | 305 | 4      | 102 |
| WS-2013-2-2    | 174 1/8    | 4423 | 133 1/2 | 3391 | 118 1/2 | 3010 | 159    | 4039 | 12     | 305 | 4      | 102 |
| WS-2014-2-2    | 186 1/8    | 4728 | 145 1/2 | 3696 | 130 1/2 | 3315 | 171    | 4343 | 12     | 305 | 4      | 102 |
| WS-2015-2-2    | 198 1/8    | 5032 | 157 1/2 | 4001 | 142 1/2 | 3620 | 183    | 4648 | 12     | 305 | 4      | 102 |

| NOZZLE SCHEDULE |      |              |      |             |
|-----------------|------|--------------|------|-------------|
| SERVICE         | MARK | SHELL SIDE   | MARK | TUBE SIDE   |
| INLET           | N1   | AS PER TABLE | N5   | 8 (203) FLG |
| OUTLET          | N2   | AS PER TABLE | N6   | 8 (203) FLG |
| DRAIN           | N3   | 3/4 (19) NPT |      |             |
| VENT            | N4   | 3/4 (19) NPT |      |             |

NOTES: 1. SUPPORTS SUPPLIED ONLY IF SPECIFIED ON ORDER.  
 2. NOZZLE SIZES SHOWN ARE RECOMMENDED FOR MAX. EXCHANGER LIFE, NO EXTERNAL FORCES APPLY.  
 3. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.  
 4. DRAWING IS NOT TO SCALE.  
 5. ALL DIM'S ±1/8 (3) UNLESS OTHERWISE SHOWN.

| DESIGN CONDITIONS       |          |          |          |          |
|-------------------------|----------|----------|----------|----------|
|                         | SHELL    |          | TUBES    |          |
| DESIGN PRESSURE         | 150 PSIG | 1034 KPa | 150 PSIG | 1034 KPa |
| DESIGN TEMPERATURE      | 375 °F   | 191 °C   | 375 °F   | 191 °C   |
| MIN. DESIGN METAL TEMP. | 40 °F    | 4.4 °C   | 40 °F    | 4.4 °C   |
| HYDRO. TEST PRESSURE    | 225 PSIG | 1551 KPa | 300 PSIG | 2068 KPa |
| CONTENTS                | STEAM    |          | WATER    |          |

CUSTOMER:  
 LOCATION:  
 ENGINEER:  
 ORDER No.:  
 PROJECT/JOB:  
 LOCATION:  
 TAG: (QUOTE # )