



DIMENSIONS SHOWN AS: inches (mm)

| EXCHANGER SIZE | DIMENSIONS | | | | | | | | | | | |
|----------------|------------|------|--------|------|--------|------|--------|------|--------|----|--------|----|
| | A | | B | | C | | D | | N1 | | N2 | |
| | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm | inches | mm |
| WS-62-2E2 | 38 5/8 | 981 | 23 | 584 | 15 | 381 | 25 | 635 | 1 1/2 | 38 | 1 | 25 |
| WS-63-2E2 | 50 5/8 | 1286 | 35 | 889 | 27 | 686 | 37 | 940 | 2 | 51 | 1 | 25 |
| WS-64-2E2 | 62 5/8 | 1591 | 47 | 1194 | 39 | 991 | 49 | 1245 | 2 1/2 | 64 | 1 | 25 |
| WS-65-2E2 | 74 5/8 | 1895 | 59 | 1499 | 51 | 1295 | 61 | 1549 | 2 1/2 | 64 | 1 | 25 |
| WS-66-2E2 | 86 5/8 | 2200 | 71 | 1803 | 63 | 1600 | 73 | 1854 | 3 | 76 | 1 | 25 |
| WS-67-2E2 | 98 5/8 | 2505 | 83 | 2108 | 75 | 1905 | 85 | 2159 | 3 | 76 | 1 | 25 |
| WS-68-2E2 | 110 5/8 | 2810 | 95 | 2413 | 87 | 2210 | 97 | 2464 | 3 | 76 | 1 | 25 |

NOZZLE SCHEDULE

| SERVICE | MARK | SHELL SIDE | MARK | TUBE SIDE |
|---------|------|--------------|------|------------|
| INLET | (N1) | AS PER TABLE | (N5) | 2 (51) NPT |
| OUTLET | (N2) | AS PER TABLE | (N6) | 2 (51) NPT |
| VENT | (N4) | 3/4 (19) NPT | | |

- NOTES: 1. SUPPORTS SUPPLIED ONLY IF SPECIFIED ON ORDER.
 2. NOZZLE SIZES SHOWN ARE RECOMMENDED FOR MAXIMUM EXCHANGER LIFE.
 3. FABRICATED TO ASME CODE SECTION VIII DIVISION 1 AND LATEST ADDENDA.
 4. DRAWING IS NOT TO SCALE.
 5. ALL DIMN'S $\pm 1/8$ (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. | 35 °F | 1.7 °C | 35 °F | 1.7 °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 #)

| | | | | | | |
|--|---|--|--|---|--------------------------|------|
| TITLE G.A. 150 LB. WS SERIES HEAT EXCHANGERS | A R M S T R O N G | | | | NUMBER WS-6-2P-E2-(3) | REV. |
| DATE: 12/01/94 BY: D.C.R. | TORONTO - CANADA TEL: (416) 755-2291 | MONTREAL - CANADA TEL: (514) 421-2424 | BUFFALO - N. Y. TEL: (716) 693-8813 | COLCHESTER - U.K. TEL: (44) 120-657-9491 | | |