



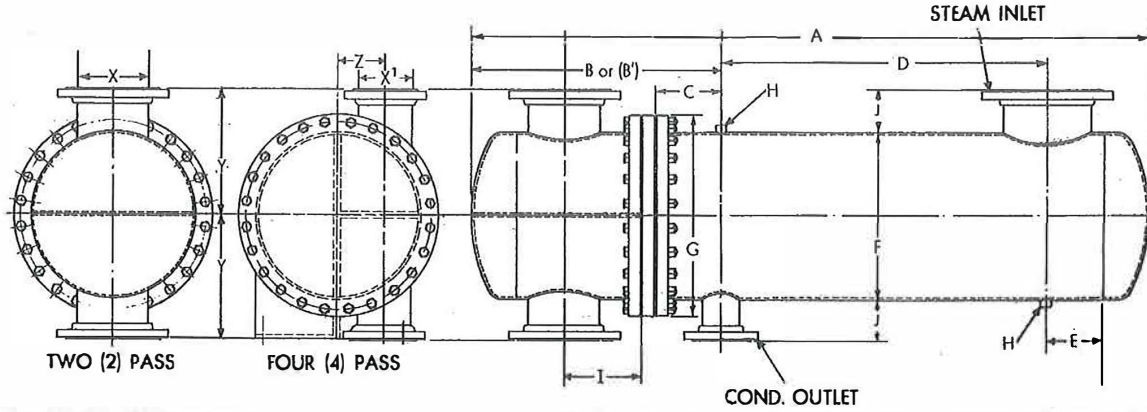
DIVERSIFIED HEAT TRANSFER, INC.

Manufacturers and Designers Since 1938.

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TYPE "SC" HEAT EXCHANGERS - STANDARD "U" TUBE DESIGN • BONNET HEAD



NOTE: Units also furnished in 6" increments:
Dimensions (A) and (D) increase 6"

DIMENSIONS: All dimensions are in inches and are subject to change. Where dimensions are needed for layout, write factory for certified prints

| Unit | HEAD | | | | | | | | SHELL | | | | | | | | | |
|------------|--------|--------|-------|----------|----------------|--------|---|-----------------|-----------|---|-----|---|--------|--------|-----|---|-------|----------|
| | 2 Pass | | | | 4 Pass | | | | A | C | D | E | F | G | H | J | Steam | Cond. |
| | X | Y | I | B | X ¹ | Y | Z | B ^{1*} | | | | | | | | | | |
| SC10B()-24 | 4 FLG | 10 | 5-1/8 | 15-5/16 | | | | | 45-11/16 | 5 | 20 | 6 | 10-3/4 | 14-3/8 | 3/4 | 5 | 4 FLG | 1-1/2NPT |
| 36 | ↑ | ↑ | ↑ | ↑ | | | | | 57-11/16 | ↑ | 32 | ↑ | ↑ | ↑ | ↑ | ↑ | 4 FLG | 1-1/2NPT |
| 48 | | | | | | | | | 69-11/16 | | 44 | | | | | | 6 FLG | 2 NPT |
| 50 | | | | | | | | | 81-11/16 | | 56 | | | | | | | |
| 72 | | | | | | | | | 93-11/16 | | 68 | | | | | | | |
| 84 | | | | | | | | | 105-11/16 | | 80 | | | | | | | |
| 96 | | | | | | | | | 117-11/16 | | 92 | | | | | | | |
| 108 | | | | | | | | | 129-11/16 | | 104 | | | | | | | |
| 120 | | | | | | | | | 141-11/16 | | 116 | | | | | | | |
| 132 | | | | | | | | | 153-11/16 | | 128 | | | | | | | |
| 144 | 4 FLG | 10 | 5-1/8 | 15-5/16 | | | | | 165-11/16 | 5 | 140 | 6 | 10-3/4 | 14-3/8 | 3/4 | 5 | 6 FLG | 2 NPT |
| SC12B()-24 | 5 FLG | 11 | 5-3/4 | 18-1/2 | 4 FLG | 11 | 3 | 16-5/8 | 49-1/4 | 6 | 19 | 7 | 12-3/4 | 17 | 3/4 | 5 | 6 FLG | 2 NPT |
| 36 | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | 61-1/4 | ↑ | 31 | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ |
| 48 | | | | | | | | | 73-1/4 | | 43 | | | | | | | |
| 60 | | | | | | | | | 85-1/4 | | 55 | | | | | | | |
| 72 | | | | | | | | | 97-1/4 | | 67 | | | | | | 6 FLG | 2 NPT |
| 84 | | | | | | | | | 109-1/4 | | 79 | | | | | | 8 FLG | 2-1/2NPT |
| 96 | | | | | | | | | 121-1/4 | | 91 | | | | | | | |
| 108 | | | | | | | | | 133-1/4 | | 103 | | | | | | | |
| 120 | | | | | | | | | 145-1/4 | | 115 | | | | | | | |
| 132 | | | | | | | | | 157-1/4 | | 127 | | | | | | | |
| 144 | 5 FLG | 11 | 5-3/4 | 18-1/2 | 4 FLG | 11 | 3 | 16-5/8 | 169-1/4 | 6 | 139 | 7 | 12-3/4 | 17 | 3/4 | 5 | 8 FLG | 2-1/2NPT |
| SC14B()-24 | 6 FLG | 11-1/2 | 6-3/8 | 18-15/16 | 4 FLG | 11-1/2 | 3 | 16-7/8 | 49-15/16 | 6 | 19 | 7 | 14 | 19 | 3/4 | 5 | 6 FLG | 2 NPT |
| 36 | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | 61-15/16 | ↑ | 31 | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ |
| 48 | | | | | | | | | 73-15/16 | | 43 | | | | | | | |
| 60 | | | | | | | | | 85-15/16 | | 55 | | | | | | | |
| 72 | | | | | | | | | 97-15/16 | | 67 | | | | | | | |
| 84 | | | | | | | | | 109-15/16 | | 79 | | | | | | | |
| 96 | | | | | | | | | 121-15/16 | | 91 | | | | | | | |
| 108 | | | | | | | | | 133-15/16 | | 103 | | | | | | | |
| 120 | | | | | | | | | 145-15/16 | | 115 | | | | | | | |
| 132 | | | | | | | | | 157-15/16 | | 127 | | | | | | | |
| 144 | 6 FLG | 11-1/2 | 6-3/8 | 18-15/16 | 4 FLG | 11-1/2 | 3 | 16-7/8 | 169-15/16 | 6 | 139 | 7 | 14 | 19 | 3/4 | 5 | 8 FLG | 2-1/2NPT |

Units 10" through 24" and larger Flanged, 150 PSI Working Pressure, 300 lb. Test Pressure
**"A" Dimension will change according to "B¹"

Last two digits of unit # required for coil pull
(I) Same on both 2 and 4 Pass

