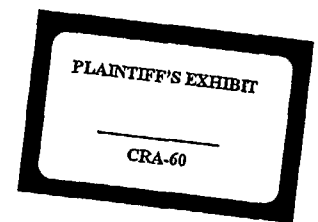


*Recd nov 8, 1958*



# CRANE

## NET PRICE SCHEDULE SP2 SEPTEMBER 12, 1958

### SPECIAL SERVICE VALVES

AIR VENT, BACK PRESSURE, BLOW-OFF,  
DIAPHRAGM, PULP STOCK, RELIEF,  
SAFETY, STOP-CHECK, WATER DRAIN

PRESSURE REGULATORS, TRAPS, SEPARATORS

EXPANSION AND SWING JOINTS

GAUGES, SIPHONS, TRY COCKS

DRIP PAN ELBOWS, DRIP POCKETS

ACCESSORIES

BOLTING ON COMPANION FLANGES

END FLANGE PROTECTORS

CATALOG  
NUMBER

**53**

This Net Price Schedule cancels

Net Price Schedule SP1, June 30, 1958.

## CRANE CO.

836 S. Michigan Avenue

Chicago 5, Illinois

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Printed in U. S. A.

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| 07         | 7    | 730        | 8    | 1133       | 6    | 1620       | 9    | 2601       | 6    | 5615       | 10   |
| 011        | 7    | 731        | 8    | 1133½      | 6    | 1620-KF    | 9    | 2602       | 6    | 5615-RN    | 10   |
| 013        | 7    | 734        | 8    | 1143       | 6    | 1620-RN    | 9    | 2604       | 6    |            |      |
|            |      |            |      |            |      | 1620-SB    | 9    | 2606       | 6    | 5620       | 10   |
| 28 E       | 4    | 850        | 3    | 1147       | 6    |            |      |            |      | 5620-KF    | 10   |
| 30 E       | 4    | 854        | 3    | 1155 V     | 6    | 1621       | 9    | 2611       | 6    | 5620-RN    | 10   |
| 40         | 5    | 856        | 3    | 1163       | 6    | 1621-KF    | 9    | 2612       | 6    | 5620-SB    | 10   |
|            |      | 860        | 3    | 1169       | 6    | 1621-RN    | 9    | 2614       | 6    |            |      |
|            |      |            |      |            |      | 1621-SB    | 9    | 2651       | 6    | 5621       | 10   |
| 100        |      | 960        | 7    | 1425       | 4    |            |      | 2668       | 6    | 5621-KF    | 10   |
|            |      | 976        | 7    | 1427       | 4    | 1630       | 9    | 2674       | 6    | 5621-RN    | 10   |
|            |      | 977        | 7    | 1429       | 4    | 1630-KF    | 9    |            |      | 5621-SB    | 10   |
| 300        | 8    | 986        | 7    | 1431       | 4    | 1630-RN    | 9    |            |      |            |      |
| 376        | 5    | 988        | 7    | 1447       | 4    | 1630-SB    | 9    | 4000       |      | 5630       | 10   |
| 384        | 5    |            |      |            |      |            |      |            |      | 5630-KF    | 10   |
| 385        | 5    | 988½       | 7    | 1448       | 4    | 1631       | 9    |            |      | 5630-RN    | 10   |
| 390        | 5    | 989½       | 7    | 1450       | 4    | 1631-KF    | 9    | 4387       | 5    | 5630-SB    | 10   |
| 391        | 5    | 990½       | 7    |            |      | 1631-RN    | 9    | 4389       | 5    |            |      |
| 393        | 5    | 991½       | 7    | 1586½      | 8    | 1631-SB    | 9    |            |      | 5631       | 10   |
| 393½       | 5    | 994 D      | 7    |            |      |            |      | 5000       |      | 5631-KF    | 10   |
| 398        | 7    |            |      | 1600       | 9    | 1650       | 9    |            |      | 5631-RN    | 10   |
|            |      |            |      | 1600-KF    | 9    | 1651       | 9    |            |      | 5631-SB    | 10   |
| 400        | 7    | 1000       |      | 1600-RN    | 9    | 1652       | 9    |            |      |            |      |
| 401        | 7    |            |      | 1600-SB    | 9    |            |      | 5600       | 10   |            |      |
| 403        | 7    |            |      |            |      | 2000       |      | 5600-KF    | 10   | 9000       |      |
| 404        | 7    | 1100       | 5    | 1610       | 9    |            |      | 5600-RN    | 10   |            |      |
| 406        | 7    | 1102       | 5    | 1610-KF    | 9    |            |      | 5600-SB    | 10   |            |      |
| 420        | 7    | 1113       | 6    | 1610-RN    | 9    | 2500       | 5    | 5610       | 10   | 9810       | 7    |
| 422 E      | 7    | 1113 LX    | 6    | 1610-SB    | 9    | 2501       | 5    | 5610-KF    | 10   | 9811       | 7    |
|            |      |            |      |            |      |            |      | 5610-RN    | 10   | 9812       | 7    |
| 610        | 8    | 1114       | 6    | 1611       | 9    |            |      | 5610-SB    | 10   | 9813       | 7    |
| 613        | 8    | 1118       | 6    | 1611-KF    | 9    | 2550       | 5    |            |      | 9814       | 7    |
| 615        | 8    | 1123       | 6    | 1611-RN    | 9    | 2551       | 5    | 5611       | 10   | 9820       | 7    |
| 616        | 8    | 1128       | 6    | 1611-SB    | 9    |            |      | 5611-KF    | 10   | 9821       | 7    |
| 623        | 8    | 1130       | 6    |            |      | 2565       | 5    | 5611-RN    | 10   |            |      |
| 624        | 8    | 1131       | 6    | 1615       | 9    | 2567       | 5    | 5611-SB    | 10   |            |      |
| 625        | 8    | A 1131     | 6    | 1615-RN    | 9    | 2568       | 5    |            |      |            |      |

| Catalog Page | Figure No. | C R A N E                                                           |        |        |        |        |       |        |        |        |        |        |        |
|--------------|------------|---------------------------------------------------------------------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|
|              |            | ACCESSORIES FOR BRASS AND IRON COCKS<br>VALVE ACCESSORIES AND PARTS |        |        |        |        |       |        |        |        |        |        |        |
| 67           | 850        | Hydrant Clamps — Discontinued                                       |        |        |        |        |       |        |        |        |        |        |        |
| 67           | 854        | Wood Rod Coupling — Discontinued                                    |        |        |        |        |       |        |        |        |        |        |        |
| 67           | 856        | Street Washer Keys — Discontinued                                   |        |        |        |        |       |        |        |        |        |        |        |
| 67           | 860        | Hydrant Handle — Discontinued                                       |        |        |        |        |       |        |        |        |        |        |        |
| 72           |            | Malleable Iron Wrenches for Brass, Bronze and Iron Cocks:           |        |        |        |        |       |        |        |        |        |        |        |
|              |            | Square Head:                                                        |        |        |        |        |       |        |        |        |        |        |        |
|              |            | Number:                                                             | 1-S    | 2-S    | 3-S    | 4-S    | 5-S   | 6-S    | 6½-S   | 7-S    | 7½-S   | 8-S    | 9-S    |
|              |            |                                                                     | .16    | .17    | .17    | .25    | .30   | .40    | .47    | .61    | .76    | .90    | 1.45   |
|              |            | Number:                                                             | 10-S   | 11-S   | 12-S   |        |       |        |        |        |        |        |        |
|              |            |                                                                     | 2.25   | 3.05   | 8.44   |        |       |        |        |        |        |        |        |
|              |            | Flat Head:                                                          |        |        |        |        |       |        |        |        |        |        |        |
|              |            | Number:                                                             | 1-F    | 2-F    | 3-F    | 4-F    | 5-F   | 6-F    | 7-F    | 8-F    | 23-F   | 24-F   | 25-F   |
|              |            |                                                                     | .16    | .17    | .17    | .25    | .30   | .40    | .61    | .90    | .82    | 1.06   | 1.45   |
|              |            | Square Head, for Nos. 319 and 339 Cocks only:                       |        |        |        |        |       |        |        |        |        |        |        |
|              |            | Number:                                                             | 1-M    | 2-M    | 3-M    | 4-M    | 5-M   | 6-M    |        |        |        |        |        |
|              |            |                                                                     | .55    | .67    | .78    | 1.01   | 1.35  | 2.70   |        |        |        |        |        |
| 133          |            | Composition Discs — Net per 100 pieces:                             |        |        |        |        |       |        |        |        |        |        |        |
|              |            | Valve Size:                                                         | ⅛"     | ¼"     | ⅜"     | ½"     | ¾"    | 1"     | 1¼"    | 1½"    | 2"     | 2½"    | 3"     |
|              |            | No. 1 Cranite                                                       | 17.13  | 17.13  | 17.30  | 17.61  | 21.53 | 22.50  | 30.83  | 38.65  | 55.29  | 72.41  | 175.16 |
|              |            | No. 4 Cranite                                                       | 48.92  | 48.92  | 55.78  | 55.78  | 63.60 | 80.24  | 116.46 | 161.48 | 248.57 | 326.85 | 460.93 |
|              |            | No. 6                                                               | 17.13  | 17.13  | 17.30  | 17.61  | 21.53 | 22.50  | 30.83  | 38.65  | 55.29  | 72.41  | 175.16 |
|              |            | No. 10                                                              | 6.84   | 6.84   | 7.82   | 7.82   | 10.28 | 13.21  | 18.60  | 23.96  | 37.19  |        |        |
|              |            | No. 12                                                              | 6.84   | 6.84   | 7.82   | 7.82   | 10.28 | 13.21  | 18.60  | 23.96  | 37.19  |        |        |
|              |            | Valve Size:                                                         | 3½"    | 4"     | 5"     | 6"     |       |        |        |        |        |        |        |
|              |            | No. 1 Cranite                                                       | 230.96 | 237.79 | 319.02 | 362.08 |       |        |        |        |        |        |        |
|              |            | No. 6                                                               | 230.96 | 237.79 | 319.02 | 362.08 |       |        |        |        |        |        |        |
| 134 & 135    |            | Wheels and Handles for Valves:                                      |        |        |        |        |       |        |        |        |        |        |        |
|              |            |                                                                     | 2"     | 2¼"    | 2½"    | 3"     | 3½"   | 4"     | 4½"    | 5"     | 5½"    |        |        |
|              |            | Wheels:                                                             |        |        |        |        |       |        |        |        |        |        |        |
|              |            | Style A:                                                            |        |        |        |        |       |        |        |        |        |        |        |
|              |            | Square Hole                                                         |        |        | .22    | .30    | .42   | .61    |        | 1.14   |        |        |        |
|              |            | Threaded Hole                                                       |        |        | .43    | .49    | .74   | 1.02   |        | 1.72   |        |        |        |
|              |            | Style B                                                             | .30    | .38    | .43    | .49    |       | 1.02   |        |        |        |        |        |
|              |            | Style D                                                             |        |        |        |        | .48   |        | .79    |        | 1.45   |        |        |
|              |            |                                                                     | 6"     | 7"     | 8"     | 9"     | 10"   | 12"    | 14"    | 16"    | 18"    |        |        |
|              |            | Style D                                                             | 1.72   | 2.15   | 2.69   | 3.40   | 3.62  | 4.73   | 6.79   | 13.74  | 15.11  |        |        |
|              |            | Style E:                                                            |        |        |        |        |       |        |        |        |        |        |        |
|              |            | Hexagon Hole                                                        | 1.72   | 2.15   | 2.69   | 3.40   | 3.62  | 4.73   | 6.79   | 13.74  | 15.11  |        |        |
|              |            | Threaded Hole                                                       | 2.00   | 2.69   |        |        |       |        |        |        |        |        |        |
|              |            |                                                                     | 20"    | 22"    | 24"    | 27"    | 30"   | 36"    | 42"    |        |        |        |        |
|              |            | Style D                                                             | 20.50  | 24.81  | 42.07  | 45.32  | 62.59 | 172.61 | 215.78 |        |        |        |        |
|              |            | Style E, Hexagon Hole                                               | 20.50  | 24.81  | 42.07  | 45.32  | 62.59 | 172.61 | 215.78 |        |        |        |        |

X—Discontinued

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Page

Figure  
No.

## C R A N E

### ACCESSORIES FOR BRASS AND IRON COCKS VALVE ACCESSORIES AND PARTS - Continued -

|                 |                                                                      |                |                |                |            |            |            |            |            |            |            |
|-----------------|----------------------------------------------------------------------|----------------|----------------|----------------|------------|------------|------------|------------|------------|------------|------------|
| 134 &<br>135    | Wheels and Handles for Valves, Continued:                            |                |                |                |            |            |            |            |            |            |            |
|                 | Wheels:                                                              | <u>1½"</u>     | <u>1¾"</u>     | <u>2⅛"</u>     | <u>2⅜"</u> | <u>2¾"</u> | <u>3⅛"</u> | <u>3⅝"</u> | <u>4⅛"</u> | <u>4¾"</u> | <u>5⅜"</u> |
|                 | Style F                                                              | .14            | .14            | .17            | .22        | .25        | .30        | .39        | .47        | .61        | .79        |
|                 |                                                                      | <u>1⅝"</u>     | <u>2"</u>      | <u>2¼"</u>     | <u>2½"</u> | <u>2¾"</u> | <u>3"</u>  |            |            |            |            |
|                 | Style L                                                              | .22            | .24            | .25            | .29        | .35        | .43        |            |            |            |            |
|                 |                                                                      | <u>3⅝"</u>     | <u>3⅞"</u>     | <u>3⅞"</u>     | <u>4⅜"</u> | <u>4⅞"</u> | <u>5¾"</u> | <u>6⅞"</u> |            |            |            |
|                 | Style M                                                              | .86            | 1.08           | 1.30           | 1.72       | 2.04       | 2.37       | 4.64       |            |            |            |
|                 | Handles:                                                             | <u>3⅛"</u>     | <u>3⅝"</u>     | <u>3½"</u>     | <u>3⅞"</u> | <u>4¼"</u> | <u>4⅝"</u> | <u>5"</u>  | <u>5¾"</u> |            |            |
|                 | Style K                                                              | .35            | .42            | .43            | .45        | .49        | .53        | .65        | .75        |            |            |
|                 |                                                                      | <u>2⅞"</u>     | <u>3⅞"</u>     | <u>4⅛"</u>     | <u>4½"</u> | <u>4¾"</u> | <u>6"</u>  | <u>7"</u>  |            |            |            |
| 136             | Style S                                                              | .16            | .22            | .42            | .47        | .49        | .67        | .75        |            |            |            |
|                 |                                                                      | <u>3"</u>      | <u>3¾"</u>     | <u>4¾"</u>     | <u>6"</u>  | <u>7"</u>  |            |            |            |            |            |
|                 | Style X                                                              | .43            | .53            | .67            | 1.08       | 1.19       |            |            |            |            |            |
|                 | Chain Wheels and Chain:                                              |                |                |                |            |            |            |            |            |            |            |
|                 |                                                                      | <u>2⅜"</u>     | <u>3"</u>      | <u>4"</u>      | <u>5"</u>  | <u>7½"</u> | <u>10"</u> | <u>14"</u> | <u>18"</u> | <u>24"</u> | <u>30"</u> |
|                 | Chain Wheel Only                                                     | 4.04           | 4.32           | 4.58           | 5.11       | 9.17       | 13.48      | 19.43      | 28.05      | 48.54      | 102.48     |
|                 | Chain Wheel and Guide                                                | 18.87          | 19.15          | 19.43          | 21.03      | 25.35      | 30.73      | 37.77      | 47.46      | 70.13      | 134.86     |
|                 |                                                                      | Per Foot       |                | Each           |            |            |            |            |            |            |            |
|                 | Chain for Chain Wheel                                                |                |                | .48            |            |            |            |            |            |            |            |
|                 | Connecting Ends of Chain, Including Labor                            |                |                | .69            |            |            |            |            |            |            |            |
| 137             | Keys for Lock Shield:                                                |                |                |                |            |            |            |            |            |            |            |
|                 |                                                                      | <u>No. 197</u> | <u>No. 198</u> | <u>No. 199</u> |            |            |            |            |            |            |            |
|                 |                                                                      | 1.31           | 1.56           | 2.10           |            |            |            |            |            |            |            |
| Cir.<br>AD-2156 | <b>PULP STOCK, STOP-CHECK, BLOW-OFF<br/>AND BACK PRESSURE VALVES</b> |                |                |                |            |            |            |            |            |            |            |
|                 | Pulp Stock Valves, Flanged:                                          |                |                |                |            |            |            |            |            |            |            |
|                 |                                                                      | <u>4"</u>      | <u>6"</u>      | <u>8"</u>      | <u>10"</u> | <u>12"</u> | <u>14"</u> | <u>16"</u> | <u>18"</u> | <u>20"</u> | <u>24"</u> |
|                 | Iron Body, Brass Trimmed:                                            |                |                |                |            |            |            |            |            |            |            |
|                 | Outside Screw and Yoke                                               | 168.05         | 206.57         | 281.62         | 366.58     | 464.92     | 585.62     | 740.96     | 1000.06    | 1572.85    | 2227.43    |
|                 | Quick-Opening                                                        | 188.99         | 232.93         | 317.39         | 411.27     | 518.57     | 657.14     | 822.54     |            |            |            |
|                 | 3% Nickel Iron Body, Exelloy Disc:                                   |                |                |                |            |            |            |            |            |            |            |
|                 | Outside Screw and Yoke                                               | 185.28         | 228.55         | 308.46         | 395.56     | 509.62     | 639.27     | 822.12     | 1096.16    | 1727.40    | 2466.36    |
|                 | Quick-Opening                                                        | 202.51         | 249.90         | 331.78         | 430.88     | 542.91     | 685.10     | 861.76     |            |            |            |
|                 | 3% Nickel Iron Body, 18-8SMo Disc:                                   |                |                |                |            |            |            |            |            |            |            |
| 303             | Unlined                                                              | 221.64         | 269.46         | 363.51         | 474.31     | 617.73     | 780.05     | 992.03     | 1316.65    | 2074.16    | 2939.88    |
|                 | Rubber Lined                                                         | 459.91         | 568.56         | 761.16         | 981.23     | 1237.97    | 1568.12    | 2081.60    | 2671.98    | 3685.46    | 5297.86    |
|                 | 18-8SMo Body and Disc                                                | 255.20         | 356.46         | 487.34         | 589.71     | 825.63     | 1053.59    | 1440.77    |            |            |            |
|                 | 250-Pound Ferroteel Stop-Check Valves, Flanged:                      |                |                |                |            |            |            |            |            |            |            |
|                 |                                                                      | <u>2½"</u>     | <u>3"</u>      | <u>4"</u>      | <u>5"</u>  | <u>6"</u>  | <u>8"</u>  | <u>10"</u> |            |            |            |
|                 | Straight-Way Y-Pattern                                               | 148.54         | 168.08         | 201.18         | 272.74     | 325.20     | 559.47     | 929.46     |            |            |            |
|                 | Angle, Y-Pattern                                                     | 148.54         | 165.25         | 201.18         | 268.21     | 323.66     | 562.12     | 920.78     |            |            |            |
|                 |                                                                      |                |                |                |            |            |            |            |            |            |            |
|                 |                                                                      |                |                |                |            |            |            |            |            |            |            |
|                 |                                                                      |                |                |                |            |            |            |            |            |            |            |

X—Discontinued

| Catalog Page | Figure No.     | C R A N E                                                                      |              |        |        |        |        |        |        |       |
|--------------|----------------|--------------------------------------------------------------------------------|--------------|--------|--------|--------|--------|--------|--------|-------|
|              |                | PULP STOCK, STOP-CHECK, BLOW-OFF,<br>AND BACK PRESSURE VALVES<br>- Continued - |              |        |        |        |        |        |        |       |
| 308          |                | 250-Pound Ferrosteel Blow-Off Valves:                                          |              |        |        |        |        |        |        |       |
|              |                |                                                                                | 1½"          | 2"     | 2½"    |        |        |        |        |       |
|              | 390            | Angle Pattern, Screwed                                                         | 41.41        | 48.04  | 59.63  |        |        |        |        |       |
|              | 391            | Angle Pattern, Flanged                                                         | 44.96        | 52.79  | 65.50  |        |        |        |        |       |
|              | 393            | Y-Pattern, Screwed                                                             | 41.41        | 48.04  | 59.63  |        |        |        |        |       |
|              | 393½           | Y-Pattern, Flanged                                                             | 45.39        | 52.79  | 65.50  |        |        |        |        |       |
|              |                | Replacement Parts—Prices on application.                                       |              |        |        |        |        |        |        |       |
| 310          |                | Iron Body Back Pressure Valves:                                                |              |        |        |        |        |        |        |       |
|              |                |                                                                                | 2"           | 2½"    | 3"     | 4"     | 5"     | 6"     | 8"     |       |
|              | 384            | Screwed                                                                        | 43.55        | 51.07  | 59.14  | 111.45 | 158.36 | 184.96 | 319.13 |       |
|              | 385            | Flanged                                                                        |              |        |        |        |        |        |        |       |
| 310          | 4387 &<br>4389 | Iron Body Relief and Back Pressure Valves, Spring Loaded — Discontinued        |              |        |        |        |        |        |        |       |
|              |                | SAFETY AND RELIEF VALVES AND DRIP PAN ELBOWS                                   |              |        |        |        |        |        |        |       |
| 320 &<br>321 |                | Brass Pop Safety Valves:                                                       |              |        |        |        |        |        |        |       |
|              |                |                                                                                | ¾"           | ½"     | ¾"     | 1"     | 1¼"    | 1½"    | 2"     | 2½"   |
|              | 2500           | For Saturated Steam:                                                           |              |        |        |        |        |        |        |       |
|              | 2501           | Top Outlet                                                                     | 14.36        | 14.36  | 15.83  | 18.54  | 21.54  | 26.64  | 36.74  | 56.68 |
|              |                | Side Outlet                                                                    | 15.32        | 15.32  | 17.01  | 20.40  | 24.95  | 30.62  | 43.07  | 65.73 |
|              | 2550           | For Air and Gas:                                                               |              |        |        |        |        |        |        |       |
|              | 2551           | Top Outlet                                                                     | 17.00        | 17.00  | 18.54  | 22.04  | 25.62  | 30.93  | 42.49  | 62.94 |
|              |                | Side Outlet                                                                    | 17.96        | 17.96  | 19.72  | 23.90  | 29.03  | 34.91  | 48.83  | 69.89 |
| 322 &<br>323 |                | Low Pressure Pop Safety Valves for Steam Heating Boilers:                      |              |        |        |        |        |        |        |       |
|              |                |                                                                                | ¾"           | 1"     | 1¼"    | 1½"    | 2"     | 2½"    | 3"     |       |
|              | 2567           | Iron Body:                                                                     |              |        |        |        |        |        |        |       |
|              | 2568           | Top Discharge                                                                  |              | 6.78   | 7.98   | 9.57   | 12.77  |        |        |       |
|              | 2565           | Side Outlet                                                                    | 5.99         | 6.78   | 7.98   | 9.57   | 12.77  | 21.54  | 28.33  |       |
|              |                | Brass Body                                                                     | Discontinued |        |        |        |        |        |        |       |
| 323          | 1102           | Iron Body Pop Safety Valve for Air and Gas:                                    |              |        |        |        |        |        |        |       |
|              |                |                                                                                | 2½"          | 3"     | 4"     |        |        |        |        |       |
|              |                |                                                                                | 162.50       | 187.77 | 270.77 |        |        |        |        |       |
| 325          | 40             | Brass Body Lever and Weight Safety Valves:                                     |              |        |        |        |        |        |        |       |
|              |                |                                                                                | ¼"           | ¾"     | ½"     | ¾"     | 1"     |        |        |       |
|              |                | With Lever and Weight:                                                         |              |        |        |        |        |        |        |       |
|              |                | For 41 to 100 Pounds                                                           | 10.70        | 10.80  | 11.70  | 14.01  | 15.30  |        |        |       |
|              |                | For 15 to 40 Pounds                                                            | 10.70        | 10.80  | 11.57  | 13.90  | 15.05  |        |        |       |
|              |                | Without Lever and Weight                                                       | 7.67         | 7.79   | 9.49   | 11.57  | 12.36  |        |        |       |
| 325          | 376            | Iron Body Lever and Weight Safety Valves:                                      |              |        |        |        |        |        |        |       |
|              |                |                                                                                | 1¼"          | 1½"    | 2"     | 2½"    | 3"     | 4"     |        |       |
|              |                | With Lever and Weight:                                                         |              |        |        |        |        |        |        |       |
|              |                | For 31 to 100 Pounds                                                           | 17.66        | 20.41  | 27.46  | 44.08  | 57.26  | 95.71  |        |       |
|              |                | For 15 to 30 Pounds                                                            | 17.59        | 18.60  | 23.27  | 34.19  | 43.34  | 77.42  |        |       |
|              |                | Without Lever and Weight                                                       | 11.50        | 13.48  | 16.98  | 26.26  | 33.27  | 53.38  |        |       |
| 325          | 1100           | Cast Iron Drip Pan Elbow:                                                      |              |        |        |        |        |        |        |       |
|              |                |                                                                                | 2"           | 2½"    | 3"     | 3½"    | 4"     | 5"     | 6"     |       |
|              |                |                                                                                | 9.70         | 10.59  | 11.91  | 13.68  | 15.88  | 19.87  | 28.70  |       |

X—Discontinued

| Catalog Page                                                  | Figure No. | C R A N E                                                                                        |              |               |             |               |               |                                               |                                               |               |           |
|---------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------------|--------------|---------------|-------------|---------------|---------------|-----------------------------------------------|-----------------------------------------------|---------------|-----------|
| SAFETY AND RELIEF VALVES AND DRIP PAN ELBOWS<br>- Continued - |            |                                                                                                  |              |               |             |               |               |                                               |                                               |               |           |
| 326                                                           |            | Brass Relief Valves:                                                                             |              |               |             |               |               |                                               |                                               |               |           |
|                                                               |            |                                                                                                  | <u>3/8"</u>  | <u>1/2"</u>   | <u>3/4"</u> | <u>1"</u>     |               |                                               |                                               |               |           |
|                                                               | 1131       | For Hot Water                                                                                    |              | 7.93          | 9.63        | 13.94         |               |                                               |                                               |               |           |
|                                                               | A1131      | For Air                                                                                          | 9.82         | 10.92         | 13.10       |               |               |                                               |                                               |               |           |
|                                                               | 1133       | For Steam                                                                                        |              | 7.93          | 9.63        |               |               |                                               |                                               |               |           |
|                                                               | 1133 1/2   | For Cold Water                                                                                   |              | 7.93          | 9.63        |               |               |                                               |                                               |               |           |
| 327 to 330                                                    |            | Brass Relief Valves:                                                                             |              |               |             |               |               |                                               |                                               |               |           |
|                                                               |            |                                                                                                  | <u>3/8"</u>  | <u>1/2"</u>   | <u>3/4"</u> | <u>1"</u>     | <u>1 1/4"</u> | <u>1 1/2"</u>                                 | <u>2"</u>                                     | <u>2 1/2"</u> | <u>3"</u> |
|                                                               | 1155V      | For Vacuum                                                                                       |              | 18.04         | 18.04       | 19.69         | 24.63         | 32.55                                         |                                               |               |           |
|                                                               | 2606       | For Water Heaters                                                                                |              | 15.83         | 18.68       | 22.53         | 27.37         | 33.83                                         | 49.71                                         |               |           |
|                                                               | 2601       | For Steam                                                                                        | 14.16        | 14.16         | 17.01       | 20.40         | 24.95         | 30.62                                         | 45.35                                         |               |           |
|                                                               | 2602       | For Water, or Oil:                                                                               |              |               |             |               |               |                                               |                                               |               |           |
|                                                               |            | Male Inlet, With Wheel                                                                           | Discontinued |               |             |               |               |                                               |                                               |               |           |
|                                                               | 2604       | Female Inlet, With Cap                                                                           | Discontinued |               |             |               |               |                                               |                                               |               |           |
|                                                               |            | For Liquid Service:                                                                              |              |               |             |               |               |                                               |                                               |               |           |
|                                                               | 2611       | Male Inlet, With Cap                                                                             | 12.71        | 12.71         | 15.11       | 19.92         | 23.77         | 29.88                                         | 43.76                                         |               |           |
| Not Illus.                                                    | 2612       | Male Inlet, With Wheel                                                                           | 12.53        | 12.53         | 14.73       | 19.27         | 22.66         | 28.34                                         | 41.95                                         |               |           |
| Not Illus.                                                    | 2614       | Female Inlet, With Cap                                                                           |              | 12.71         | 15.11       | 19.92         | 23.77         | 29.88                                         | 43.76                                         | 60.27         | 102.60    |
|                                                               |            | For Air or Gas:                                                                                  |              |               |             |               |               |                                               |                                               |               |           |
|                                                               | 2651       | 250-Pound                                                                                        | 16.07        | 16.07         | 17.44       | 21.13         | 24.33         | 30.78                                         | 42.32                                         |               |           |
|                                                               | 2668       | 300-Pound                                                                                        | 17.34        | 17.34         | 19.10       | 23.17         | 26.53         | 33.54                                         | 46.81                                         |               |           |
|                                                               | 2674       | 500-Pound                                                                                        |              | 18.83         | 20.49       | 24.97         | 28.67         | 36.28                                         | 50.03                                         |               |           |
|                                                               |            | Hydraulic:                                                                                       |              |               |             |               |               |                                               |                                               |               |           |
|                                                               | 1128       | For 300 to 600 Pounds                                                                            |              | 28.90         | 31.05       | 37.52         | 43.12         | 53.90                                         | 75.45                                         |               |           |
|                                                               | 1130       | For Pressures as Listed                                                                          |              | 66.64         | 66.64       | 71.68         | 110.84        | 117.86                                        | 169.75                                        |               |           |
| Cir. AD-2311                                                  |            | Brass Pressure-Temperature Relief Valves:                                                        |              |               |             |               |               |                                               |                                               |               |           |
|                                                               |            |                                                                                                  |              |               |             |               |               | <u>1/2" Male Inlet<br/>1/2" Female Outlet</u> | <u>3/4" Male Inlet<br/>1/2" Female Outlet</u> |               |           |
|                                                               | 1143       | Fusible Plug Type, Non-Adjustable, set at 50, 75, 100, or 125 psi                                |              |               |             |               |               | 1.82                                          | 2.10                                          |               |           |
|                                                               | 1147       | Thermal Element Type, Non-Adjustable, set at 50, 75, 100, or 125 psi                             |              |               |             |               |               |                                               | 4.81                                          |               |           |
|                                                               | 1163       | Fusible Plug Type, Adjustable, set at 125 psi                                                    |              |               |             |               |               | 2.32                                          | 2.48                                          |               |           |
| Cir. AD-2311                                                  | 1169       | Brass Pressure Relief Valve, Spring-Loaded Disc, Non-Adjustable, set at 50, 75, 100, or 125 psi: |              |               |             |               |               |                                               |                                               |               |           |
|                                                               |            |                                                                                                  |              |               |             |               |               | <u>1/2" Male Inlet<br/>1/2" Female Outlet</u> | <u>3/4" Male Inlet<br/>1/2" Female Outlet</u> |               |           |
|                                                               |            |                                                                                                  |              |               |             |               |               | 1.76                                          | 1.98                                          |               |           |
| 331                                                           | 1118       | All-Iron Relief Valve, For Ammonia, Air, or Gas:                                                 |              |               |             |               |               |                                               |                                               |               |           |
|                                                               |            |                                                                                                  | <u>1/2"</u>  | <u>3/4"</u>   | <u>1"</u>   | <u>1 1/4"</u> | <u>1 1/2"</u> | <u>2"</u>                                     |                                               |               |           |
|                                                               |            |                                                                                                  | 41.14        | 43.41         | 52.05       | 61.97         | 90.45         | 110.47                                        |                                               |               |           |
| 331 & 332                                                     |            | Iron Body Relief Valves:                                                                         |              |               |             |               |               |                                               |                                               |               |           |
|                                                               |            |                                                                                                  | <u>2"</u>    | <u>2 1/2"</u> | <u>3"</u>   | <u>4"</u>     |               |                                               |                                               |               |           |
|                                                               | 1123       | Inside Spring, For Water or Oil                                                                  |              |               |             | 91.30         | 107.52        | 160.55                                        |                                               |               |           |
|                                                               |            | Outside Spring, For Steam, Gas, Hot Water, or Oil:                                               |              |               |             |               |               |                                               | 376.28                                        |               |           |
|                                                               | 1113       | Flanged Inlet, Flanged Outlet                                                                    |              |               |             |               |               |                                               |                                               |               |           |
|                                                               | 1114       | Flanged Inlet, Screwed Outlet                                                                    | 159.90       | 213.54        | 253.98      |               |               |                                               |                                               |               |           |
| 333                                                           | 1113LX     | Carbon Cast Steel Outside Spring Relief Valve:                                                   |              |               |             |               |               |                                               |                                               |               |           |
|                                                               |            |                                                                                                  | <u>2"</u>    | <u>2 1/2"</u> | <u>3"</u>   | <u>4"</u>     |               |                                               |                                               |               |           |
|                                                               |            |                                                                                                  | 226.86       | 277.11        | 336.22      | 529.83        |               |                                               |                                               |               |           |

X—Discontinued

| Catalog Page                                                                                      | Figure No.        | C R A N E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
|---------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|--------|------------------|--------|---------|--------|--------|--|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|-------|------------------|--------|------------|------------|-------|-------|--|--|--|--|--|--|-------------------|--|--|----------|--|--|--|--|--|--|------|--|------|------|------|------|---------------|-------|-------|-------|-------|-------|-------|-------------------|--|--|------|------|-----------------|-------|-------|-------|-------|-------|----------------------------------------------------------|--|--|--|--|--|----------|--|--|--|------|-------------------|-------|-------|-------|-------|--------|--------|--------|---------------|---------|-------|-------|-------------------|-------|-------|-------|--------|--------|--------|--------|-----|-----------------|-------|-------------------------------------------------------|-------|-------|-------|--------|--------|--|--|--|---------------------------------------------------------------------------------------------------|--------|--|--|--|--|--|--|--|--|--|------|-------------------|-------|-------|-------|-------|--|--|--|--|--|--|--|-----|-------------------|------|------|------|------|-------|-------|-------|-------|--|--|-----|-----------------|--|-------|-------|-------|-------|-------|--|--|--|--|
| PRESSURE REGULATORS, AIR VENTS, STEAM TRAPS, EXPANSION JOINTS, SEPARATORS, AND DRIP POCKETS       |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 337                                                                                               | 960               | Bronze Pressure Regulator:<br><table><tr><td><math>\frac{1}{2}</math>"</td><td><math>\frac{3}{4}</math>"</td><td>1"</td><td><math>1\frac{1}{4}</math>"</td><td><math>1\frac{1}{2}</math>"</td><td>2"</td></tr><tr><td>82.19</td><td>91.42</td><td>102.50</td><td>127.43</td><td>157.90</td><td>198.54</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |                  |                  |                  |        |                  |        |         |        |        |  | $\frac{1}{2}$ " | $\frac{3}{4}$ " | 1"               | $1\frac{1}{4}$ " | $1\frac{1}{2}$ " | 2"               | 82.19            | 91.42 | 102.50           | 127.43 | 157.90     | 198.54     |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| $\frac{1}{2}$ "                                                                                   | $\frac{3}{4}$ "   | 1"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | $1\frac{1}{4}$ " | $1\frac{1}{2}$ " | 2"               |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 82.19                                                                                             | 91.42             | 102.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 127.43           | 157.90           | 198.54           |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 343                                                                                               |                   | Air Vent or Water Drain Valves, Ball Float Type:<br>Number: <table><tr><td>976</td><td>977</td></tr><tr><td>24.53</td><td>31.37</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                  |                  |                  |                  |        |                  |        |         |        |        |  | 976             | 977             | 24.53            | 31.37            |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 976                                                                                               | 977               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 24.53                                                                                             | 31.37             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 346                                                                                               |                   | Inverted Open Float Steam Traps:<br>Number: <table><tr><td>9810</td><td>9811</td><td>9812</td><td>9813</td><td>9814</td><td>9820</td><td>9821</td></tr><tr><td>12.27</td><td>21.98</td><td>21.98</td><td>35.04</td><td>52.29</td><td>34.10</td><td>59.12</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |                  |                  |                  |        |                  |        |         |        |        |  | 9810            | 9811            | 9812             | 9813             | 9814             | 9820             | 9821             | 12.27 | 21.98            | 21.98  | 35.04      | 52.29      | 34.10 | 59.12 |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 9810                                                                                              | 9811              | 9812                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 9813             | 9814             | 9820             | 9821             |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 12.27                                                                                             | 21.98             | 21.98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 35.04            | 52.29            | 34.10            | 59.12            |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 350                                                                                               |                   | 125-Pound Expansion Joints:<br><table><tr><td><math>\frac{1}{2}</math>"</td><td>2"</td><td><math>2\frac{1}{2}</math>"</td><td>3"</td><td><math>3\frac{1}{2}</math>"</td><td>4"</td><td>5"</td><td>6"</td><td>8"</td><td>10"</td><td>12"</td></tr><tr><td colspan="12">Iron Body:</td></tr><tr><td colspan="12">Screwed:</td></tr><tr><td>398</td><td>Std. Traverse</td><td>20.27</td><td>21.79</td><td>25.32</td><td>32.92</td><td>46.11</td><td>53.70</td><td colspan="4"></td></tr><tr><td>400</td><td>6-inch Traverse</td><td>26.84</td><td>29.38</td><td>34.44</td><td>47.10</td><td>75.98</td><td colspan="6"></td></tr><tr><td colspan="12">Flanged:</td></tr><tr><td>401</td><td>Std. Traverse</td><td>27.35</td><td>29.88</td><td>35.47</td><td>45.08</td><td>62.82</td><td>72.43</td><td>94.22</td><td>109.41</td><td>136.76</td><td>187.41</td><td>273.53</td></tr><tr><td>403</td><td>6-inch Traverse</td><td>33.94</td><td>37.47</td><td>44.57</td><td>59.26</td><td>94.72</td><td>118.53</td><td>139.81</td><td colspan="3"></td></tr><tr><td colspan="12"><math>\frac{1}{2}</math>"   <math>\frac{3}{4}</math>"   1"   <math>1\frac{1}{4}</math>"   <math>1\frac{1}{2}</math>"   2"   <math>2\frac{1}{2}</math>"   3"</td></tr><tr><td colspan="12">Brass, Screwed:</td></tr><tr><td>404</td><td>Standard Traverse</td><td>4.06</td><td>5.97</td><td>7.06</td><td>9.23</td><td>11.40</td><td>20.11</td><td>32.59</td><td>59.76</td><td colspan="2"></td></tr><tr><td>406</td><td>6-inch Traverse</td><td></td><td>11.95</td><td>13.58</td><td>16.83</td><td>20.11</td><td>30.98</td><td colspan="4"></td></tr></table> |                  |                  |                  |                  |        |                  |        |         |        |        |  | $\frac{1}{2}$ " | 2"              | $2\frac{1}{2}$ " | 3"               | $3\frac{1}{2}$ " | 4"               | 5"               | 6"    | 8"               | 10"    | 12"        | Iron Body: |       |       |  |  |  |  |  |  |                   |  |  | Screwed: |  |  |  |  |  |  |      |  |      |      |      | 398  | Std. Traverse | 20.27 | 21.79 | 25.32 | 32.92 | 46.11 | 53.70 |                   |  |  |      | 400  | 6-inch Traverse | 26.84 | 29.38 | 34.44 | 47.10 | 75.98 |                                                          |  |  |  |  |  | Flanged: |  |  |  |      |                   |       |       |       |       |        |        | 401    | Std. Traverse | 27.35   | 29.88 | 35.47 | 45.08             | 62.82 | 72.43 | 94.22 | 109.41 | 136.76 | 187.41 | 273.53 | 403 | 6-inch Traverse | 33.94 | 37.47                                                 | 44.57 | 59.26 | 94.72 | 118.53 | 139.81 |  |  |  | $\frac{1}{2}$ " $\frac{3}{4}$ "   1" $1\frac{1}{4}$ " $1\frac{1}{2}$ "   2" $2\frac{1}{2}$ "   3" |        |  |  |  |  |  |  |  |  |  |      | Brass, Screwed:   |       |       |       |       |  |  |  |  |  |  |  | 404 | Standard Traverse | 4.06 | 5.97 | 7.06 | 9.23 | 11.40 | 20.11 | 32.59 | 59.76 |  |  | 406 | 6-inch Traverse |  | 11.95 | 13.58 | 16.83 | 20.11 | 30.98 |  |  |  |  |
| $\frac{1}{2}$ "                                                                                   | 2"                | $2\frac{1}{2}$ "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3"               | $3\frac{1}{2}$ " | 4"               | 5"               | 6"     | 8"               | 10"    | 12"     |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| Iron Body:                                                                                        |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| Screwed:                                                                                          |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 398                                                                                               | Std. Traverse     | 20.27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 21.79            | 25.32            | 32.92            | 46.11            | 53.70  |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 400                                                                                               | 6-inch Traverse   | 26.84                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 29.38            | 34.44            | 47.10            | 75.98            |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| Flanged:                                                                                          |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 401                                                                                               | Std. Traverse     | 27.35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 29.88            | 35.47            | 45.08            | 62.82            | 72.43  | 94.22            | 109.41 | 136.76  | 187.41 | 273.53 |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 403                                                                                               | 6-inch Traverse   | 33.94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 37.47            | 44.57            | 59.26            | 94.72            | 118.53 | 139.81           |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| $\frac{1}{2}$ " $\frac{3}{4}$ "   1" $1\frac{1}{4}$ " $1\frac{1}{2}$ "   2" $2\frac{1}{2}$ "   3" |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| Brass, Screwed:                                                                                   |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 404                                                                                               | Standard Traverse | 4.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5.97             | 7.06             | 9.23             | 11.40            | 20.11  | 32.59            | 59.76  |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 406                                                                                               | 6-inch Traverse   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 11.95            | 13.58            | 16.83            | 20.11            | 30.98  |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 354                                                                                               | 07, 011 & 013     | Steam and Oil Separators, Flanged — Discontinued                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 355                                                                                               | 420 & 422E        | Cast Iron Drip Pockets, Flanged — Discontinued                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 356                                                                                               |                   | Y-Pattern Sediment Separators:<br><table><tr><td><math>\frac{1}{4}</math>"</td><td><math>\frac{3}{8}</math>"</td><td><math>\frac{1}{2}</math>"</td><td><math>\frac{3}{4}</math>"</td><td>1"</td><td><math>1\frac{1}{4}</math>"</td><td><math>1\frac{1}{2}</math>"</td><td>2"</td><td><math>2\frac{1}{2}</math>"</td><td>3"</td></tr><tr><td colspan="10">Iron Body:</td></tr><tr><td colspan="10">125-Pound Screwed</td></tr><tr><td>988½</td><td></td><td>3.70</td><td>3.70</td><td>4.25</td><td>4.89</td><td>5.91</td><td>7.39</td><td>9.42</td><td>18.02</td><td>22.17</td><td>29.10</td></tr><tr><td>990½</td><td>250-Pound Screwed</td><td></td><td></td><td>4.80</td><td>5.54</td><td>6.65</td><td>8.32</td><td>10.44</td><td>19.87</td><td colspan="2"></td></tr><tr><td colspan="10">2"   <math>2\frac{1}{2}</math>"   3"   4"   5"   6"   8"   10"   12"</td></tr><tr><td>989½</td><td>125-Pound Flanged</td><td>25.86</td><td>31.41</td><td>40.65</td><td>81.75</td><td>112.69</td><td>164.42</td><td>224.46</td><td>420.28</td><td colspan="2">On App.</td></tr><tr><td>991½</td><td>250-Pound Flanged</td><td>30.03</td><td>36.04</td><td>47.11</td><td>94.22</td><td>141.33</td><td>205.99</td><td colspan="4"></td></tr><tr><td colspan="10"><math>\frac{1}{2}</math>"   <math>\frac{3}{4}</math>"   1"   <math>1\frac{1}{4}</math>"</td></tr><tr><td colspan="10">Steel:</td></tr><tr><td>994D</td><td>600-Pound Screwed</td><td>15.86</td><td>22.91</td><td>29.06</td><td>38.77</td><td colspan="6"></td></tr></table>                                                                                               |                  |                  |                  |                  |        |                  |        |         |        |        |  | $\frac{1}{4}$ " | $\frac{3}{8}$ " | $\frac{1}{2}$ "  | $\frac{3}{4}$ "  | 1"               | $1\frac{1}{4}$ " | $1\frac{1}{2}$ " | 2"    | $2\frac{1}{2}$ " | 3"     | Iron Body: |            |       |       |  |  |  |  |  |  | 125-Pound Screwed |  |  |          |  |  |  |  |  |  | 988½ |  | 3.70 | 3.70 | 4.25 | 4.89 | 5.91          | 7.39  | 9.42  | 18.02 | 22.17 | 29.10 | 990½  | 250-Pound Screwed |  |  | 4.80 | 5.54 | 6.65            | 8.32  | 10.44 | 19.87 |       |       | 2" $2\frac{1}{2}$ "   3"   4"   5"   6"   8"   10"   12" |  |  |  |  |  |          |  |  |  | 989½ | 125-Pound Flanged | 25.86 | 31.41 | 40.65 | 81.75 | 112.69 | 164.42 | 224.46 | 420.28        | On App. |       | 991½  | 250-Pound Flanged | 30.03 | 36.04 | 47.11 | 94.22  | 141.33 | 205.99 |        |     |                 |       | $\frac{1}{2}$ " $\frac{3}{4}$ "   1" $1\frac{1}{4}$ " |       |       |       |        |        |  |  |  |                                                                                                   | Steel: |  |  |  |  |  |  |  |  |  | 994D | 600-Pound Screwed | 15.86 | 22.91 | 29.06 | 38.77 |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| $\frac{1}{4}$ "                                                                                   | $\frac{3}{8}$ "   | $\frac{1}{2}$ "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | $\frac{3}{4}$ "  | 1"               | $1\frac{1}{4}$ " | $1\frac{1}{2}$ " | 2"     | $2\frac{1}{2}$ " | 3"     |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| Iron Body:                                                                                        |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 125-Pound Screwed                                                                                 |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 988½                                                                                              |                   | 3.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3.70             | 4.25             | 4.89             | 5.91             | 7.39   | 9.42             | 18.02  | 22.17   | 29.10  |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 990½                                                                                              | 250-Pound Screwed |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  | 4.80             | 5.54             | 6.65             | 8.32   | 10.44            | 19.87  |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 2" $2\frac{1}{2}$ "   3"   4"   5"   6"   8"   10"   12"                                          |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 989½                                                                                              | 125-Pound Flanged | 25.86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 31.41            | 40.65            | 81.75            | 112.69           | 164.42 | 224.46           | 420.28 | On App. |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 991½                                                                                              | 250-Pound Flanged | 30.03                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 36.04            | 47.11            | 94.22            | 141.33           | 205.99 |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| $\frac{1}{2}$ " $\frac{3}{4}$ "   1" $1\frac{1}{4}$ "                                             |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| Steel:                                                                                            |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 994D                                                                                              | 600-Pound Screwed | 15.86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 22.91            | 29.06            | 38.77            |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |
| 357                                                                                               | 986 & 988         | Iron Body Sediment Separators — Discontinued                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |                  |                  |                  |        |                  |        |         |        |        |  |                 |                 |                  |                  |                  |                  |                  |       |                  |        |            |            |       |       |  |  |  |  |  |  |                   |  |  |          |  |  |  |  |  |  |      |  |      |      |      |      |               |       |       |       |       |       |       |                   |  |  |      |      |                 |       |       |       |       |       |                                                          |  |  |  |  |  |          |  |  |  |      |                   |       |       |       |       |        |        |        |               |         |       |       |                   |       |       |       |        |        |        |        |     |                 |       |                                                       |       |       |       |        |        |  |  |  |                                                                                                   |        |  |  |  |  |  |  |  |  |  |      |                   |       |       |       |       |  |  |  |  |  |  |  |     |                   |      |      |      |      |       |       |       |       |  |  |     |                 |  |       |       |       |       |       |  |  |  |  |

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| Catalog Page                                              | Figure No. | C R A N E                                              |      |       |                             |                                                    |       |     |      |     |                       |
|-----------------------------------------------------------|------------|--------------------------------------------------------|------|-------|-----------------------------|----------------------------------------------------|-------|-----|------|-----|-----------------------|
| WATER GAUGES AND ACCESSORIES, TRY COCKS, AND SWING JOINTS |            |                                                        |      |       |                             |                                                    |       |     |      |     |                       |
| 360                                                       |            | Brass Water Gauges:                                    |      |       |                             |                                                    |       |     |      |     |                       |
|                                                           |            |                                                        |      | Each  | Add For Each Inch Up To 36" |                                                    |       |     |      |     |                       |
| 610                                                       |            | 1/2-inch, 175-Pound, 14" or Shorter Centers            |      | 14.26 |                             |                                                    |       |     |      | .09 |                       |
| 610                                                       |            | 3/4-inch, 175-Pound, 18" or Shorter Centers            |      | 21.13 |                             |                                                    |       |     |      | .09 |                       |
| 613                                                       |            | 3/4-inch, 250-Pound, 18" or Shorter Centers            |      | 28.51 |                             |                                                    |       |     |      | .12 |                       |
| 615                                                       |            | 3/4-inch, 250-Pound, 18" or Shorter Centers            |      | 47.51 |                             |                                                    |       |     |      | .12 |                       |
| 616                                                       |            | 1/2-inch, 250-Pound, 14" or Shorter Centers            |      | 16.88 |                             |                                                    |       |     |      | .09 |                       |
| 624                                                       |            | 1/2-inch, 100-Pound, 14" or Shorter Centers            |      | 7.81  |                             |                                                    |       |     |      | .09 |                       |
| 625                                                       |            | 1/2-inch, 100-Pound, 8" or Shorter Centers             |      | 7.81  |                             |                                                    |       |     |      | .09 |                       |
| 623                                                       |            | 1/2-inch, 13 1/2" Centers                              |      |       |                             |                                                    |       |     |      |     | Prices on Application |
| 361                                                       |            | Siphons for Steam Gauges:                              |      |       |                             |                                                    |       |     |      |     |                       |
|                                                           |            |                                                        |      | Each  |                             |                                                    |       |     |      |     |                       |
|                                                           |            | Straight Pattern:                                      |      |       |                             |                                                    |       |     |      |     |                       |
|                                                           |            | Brass                                                  |      | 1.81  |                             |                                                    |       |     |      |     |                       |
|                                                           |            | Steel                                                  |      | .98   |                             |                                                    |       |     |      |     |                       |
|                                                           |            | Angle Pattern, Steel                                   |      | .98   |                             |                                                    |       |     |      |     |                       |
| 361                                                       |            | Extra Brass Guards for Water Gauges:                   |      |       |                             |                                                    |       |     |      |     |                       |
|                                                           |            | Length:                                                | 9"   | 11"   | 13"                         | 14"                                                | 15"   | 17" | 19"  | 21" |                       |
|                                                           |            |                                                        | .30  | .30   | .30                         | .34                                                | .38   | .42 | .46  | .50 |                       |
|                                                           |            | Length:                                                | 23"  | 25"   | 27"                         | 29"                                                | 31"   | 33" | 35"  |     |                       |
|                                                           |            |                                                        | .56  | .63   | .69                         | .76                                                | .84   | .92 | 1.12 |     |                       |
| 361                                                       |            | Brass Try Cocks:                                       |      |       |                             |                                                    |       |     |      |     |                       |
|                                                           |            |                                                        | 3/8" | 1/2"  | 3/4"                        |                                                    |       |     |      |     |                       |
| 730                                                       |            | 125-Pound                                              | 3.27 | 3.38  |                             |                                                    |       |     |      |     |                       |
| 731                                                       |            | Low Pressure                                           | 2.74 |       |                             |                                                    |       |     |      |     |                       |
| 734                                                       |            | 250-Pound                                              | 3.69 | 4.02  | 4.44                        |                                                    |       |     |      |     |                       |
| 361                                                       | 300        | Brass Swing Joints:                                    |      |       |                             |                                                    |       |     |      |     |                       |
|                                                           |            |                                                        | 1/4" | 3/8"  | 1/2"                        | 3/4"                                               | 1"    |     |      |     |                       |
|                                                           |            |                                                        | 4.58 | 4.80  | 5.62                        | 8.54                                               | 12.50 |     |      |     |                       |
| 413                                                       | 1586 1/2   | All-Iron Liquid Gauge:                                 |      |       |                             |                                                    |       |     |      |     |                       |
|                                                           |            |                                                        |      |       | 1/2" or 3/4"                | For Each Inch Over 15-inches up to 24-inches, Add: |       |     |      |     |                       |
|                                                           |            | Complete, with 15-inch Centers, Each                   |      |       | 41.80                       | .61                                                |       |     |      |     |                       |
|                                                           |            | Parts:                                                 |      |       |                             |                                                    |       |     |      |     |                       |
|                                                           |            | Upper or Lower Valve Only, Each:                       |      |       | 19.20                       |                                                    |       |     |      |     |                       |
|                                                           |            | Gauge Glass Only 3/8-inch O. D., 15-inch Centers, Each |      |       | .57                         |                                                    |       |     |      |     |                       |
|                                                           |            | Guard Only, 15-inch Centers, Each                      |      |       | 2.71                        |                                                    |       |     |      |     |                       |
|                                                           |            | Rubber Gauge Glass Gaskets Only, Each                  |      |       | .04                         |                                                    |       |     |      |     |                       |
|                                                           |            | Flat Steel Gauge Glass Washers Only, Each              |      |       | .09                         |                                                    |       |     |      |     |                       |
|                                                           |            | Steel Stuffing Box Washers Only, Each                  |      |       | .09                         |                                                    |       |     |      |     |                       |

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| Catalog<br>Page                 | Figure<br>No.                | C R A N E                                                                                                     |       |       |       |        |        |        |        |        |        |        |
|---------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| DIAPHRAGM VALVES—WHEEL OPERATED |                              |                                                                                                               |       |       |       |        |        |        |        |        |        |        |
| Cir.<br>AD-1942                 |                              | Y-Pattern Diaphragm Valves:                                                                                   | 1/2"  | 3/4"  | 1"    | 1 1/4" | 1 1/2" | 2"     | 2 1/2" | 3"     | 4"     | 6"     |
|                                 |                              | Wheel Operated Valves:<br>With Neoprene, Buna N (SB), or<br>Natural Rubber (RN) Diaphragm<br>and Disc Insert: |       |       |       |        |        |        |        |        |        |        |
|                                 | 1600,<br>1600-SB,<br>1600-RN | Brass Body, Screwed                                                                                           | 15.23 | 16.55 | 19.22 | 23.95  | 33.61  | 51.43  |        |        |        |        |
|                                 | 1610,<br>1610-SB,<br>1610-RN | Iron Body, Screwed                                                                                            | 4.43  | 5.47  | 6.35  | 10.12  | 17.07  | 22.83  |        |        |        |        |
|                                 | 1611,<br>1611-SB,<br>1611-RN | Iron Body, Flanged                                                                                            | 8.13  | 9.17  | 12.78 | 16.71  | 22.91  | 31.04  | 43.60  | 52.47  | 79.08  | 181.26 |
|                                 | 1620,<br>1620-SB,<br>1620-RN | Aluminum Body, Screwed                                                                                        | 13.89 | 14.48 | 16.55 | 20.46  | 28.31  | 38.43  |        |        |        |        |
|                                 | 1621,<br>1621-SB,<br>1621-RN | Aluminum Body, Flanged                                                                                        | 20.25 | 21.43 | 24.68 | 29.25  | 39.15  | 52.16  | 72.05  | 85.20  | 141.89 | 252.72 |
|                                 | 1630,<br>1630-SB,<br>1630-RN | 18-8 Mo Body, Screwed                                                                                         | 17.44 | 18.03 | 26.01 | 32.00  | 45.89  | 71.16  |        |        |        |        |
|                                 | 1631,<br>1631-SB,<br>1631-RN | 18-8 Mo Body, Flanged                                                                                         | 32.45 | 33.55 | 45.68 | 53.94  | 69.70  | 101.00 | 129.17 | 184.74 | 305.56 | 529.08 |
|                                 |                              | With Kel-F Diaphragm and Disc<br>Insert:                                                                      |       |       |       |        |        |        |        |        |        |        |
|                                 | 1600-KF                      | Brass Body, Screwed                                                                                           | 30.37 | 33.47 | 41.38 | 50.77  | 65.40  | 86.23  |        |        |        |        |
|                                 | 1610-KF                      | Iron Body, Screwed                                                                                            | 19.58 | 22.39 | 28.52 | 37.09  | 48.84  | 57.63  |        |        |        |        |
|                                 | 1611-KF                      | Iron Body, Flanged                                                                                            | 23.28 | 26.08 | 34.95 | 43.67  | 54.67  | 65.85  | 85.34  | 110.10 | 154.08 | 288.05 |
|                                 | 1620-KF                      | Aluminum Body, Screwed                                                                                        | 29.05 | 31.41 | 38.73 | 47.43  | 60.08  | 73.23  |        |        |        |        |
|                                 | 1621-KF                      | Aluminum Body, Flanged                                                                                        | 35.40 | 38.36 | 46.85 | 56.23  | 70.94  | 86.97  | 113.80 | 142.84 | 216.89 | 357.28 |
|                                 | 1630-KF                      | 18-8 Mo Body, Screwed                                                                                         | 32.59 | 34.95 | 48.17 | 58.98  | 77.67  | 105.97 |        |        |        |        |
|                                 | 1631-KF                      | 18-8 Mo Body, Flanged                                                                                         | 47.59 | 50.47 | 67.85 | 80.92  | 101.46 | 135.82 | 170.92 | 242.37 | 380.55 | 633.64 |
|                                 |                              | Iron Body, Neoprene Diaphragm<br>and Disc Insert:                                                             |       |       |       |        |        |        |        |        |        |        |
|                                 | 1650                         | For Vacuum:                                                                                                   |       |       |       |        |        |        |        |        |        |        |
|                                 | 1651                         | Screwed                                                                                                       | 4.43  | 5.47  | 6.35  | 10.12  | 17.07  | 22.83  |        |        |        |        |
|                                 |                              | Flanged                                                                                                       | 8.13  | 9.17  | 12.78 | 16.71  | 22.91  | 31.04  | 43.60  | 52.47  | 79.08  | 181.26 |
|                                 | 1652                         | For Oxygen or Acetylene:                                                                                      |       |       |       |        |        |        |        |        |        |        |
|                                 |                              | Screwed                                                                                                       | 4.80  | 5.84  | 6.72  | 10.56  | 17.51  | 23.28  |        |        |        |        |
|                                 | 1615,<br>1615-RN             | Iron Body — Lined with Neoprene<br>or Hard Natural Rubber (RN):                                               |       |       |       |        |        |        |        |        |        |        |
|                                 |                              | Flanged                                                                                                       | 33.03 | 34.14 | 37.92 | 43.60  | 48.03  | 59.34  | 82.17  | 108.63 | 151.48 | 302.97 |

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Figure  
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Cir.

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5600,  
5600-SB,  
5600-RN

5610,  
5610-SB,  
5610-RN

5611,  
5611-SB,  
5611-RN

5620,  
5620-SB,  
5620-RN

5621,  
5621-SB,  
5621-RN

5630,  
5630-SB,  
5630-RN

5631,  
5631-SB,  
5631-RN

5600-KF

5610-KF

5611-KF

5620-KF

5621-KF

5630-KF

5631-KF

5615,  
5615-RN

Y-Pattern Diaphragm Valves:

Sliding Stem Valves:

With Neoprene, Buna N (SB), or  
Natural Rubber (RN) Diaphragm  
and Disc Insert:

Brass Body, Screwed

Iron Body, Screwed

Iron Body, Flanged

Aluminum Body, Screwed

Aluminum Body, Flanged

18-8 Mo Body, Screwed

18-8 Mo Body, Flanged

With Kel-F Diaphragm and Disc  
Insert:

Brass Body, Screwed

Iron Body, Screwed

Iron Body, Flanged

Aluminum Body, Screwed

Aluminum Body, Flanged

18-8 Mo Body, Screwed

18-8 Mo Body, Flanged

Iron Body — Lined with Neoprene  
or Hard Natural Rubber (RN),  
Flanged

1/2"

3/4"

1"

1 1/4"

1 1/2"

2"

2 1/2"

3"

4"

6"

27.49

30.00

35.40

39.97

53.21

73.75

16.71

18.91

22.53

26.30

36.65

45.14

20.40

22.61

28.96

32.89

42.49

53.35

71.83

82.91

116.75

216.36

26.17

27.93

32.75

36.65

47.89

60.74

32.51

34.88

40.87

45.44

58.75

74.50

100.26

115.64

179.56

287.83

29.70

31.48

42.19

48.17

65.47

93.47

44.70

46.99

61.85

70.14

89.27

123.33

157.38

215.18

343.25

564.19

42.63

46.92

57.57

66.95

84.98

108.55

31.85

35.85

44.70

53.28

68.43

79.94

35.54

39.53

51.12

59.86

74.26

88.17

113.57

140.54

191.76

320.93

41.31

44.85

54.92

63.62

79.65

95.56

47.67

51.81

63.03

72.41

90.52

109.29

142.02

173.29

254.57

392.39

44.85

48.39

64.35

75.14

97.25

128.27

158.13

199.15

272.81

418.25

668.75

59.86

63.91

84.01

97.10

121.04

158.13

199.15

272.81

418.25

668.75

45.30

47.59

54.08

59.78

67.61

81.65

110.40

139.06

189.17

338.07

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\*Change in Price

## Bolting On Companion Flanges

The following table indicates the proper schedule of prices to be used when determining the labor charges for bolting flanges to various pressure classes of valves and fittings

| Size<br>Inches | Pressure Class                                                       |                                                                                                                                                     |                                                                                           |                    |                     | Size<br>Inches |
|----------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------|---------------------|----------------|
|                | 25 and 125-Pound<br>Iron<br>150-Pound<br>Steel<br>150-Pound<br>Brass | 175 and 250-Pound<br>Ferrosteel<br>400 and 500-Pound<br>W.O.G.<br>Ferrosteel<br>300 and 400-Pound<br>Steel<br>250 and 300-Pound<br>Brass and Bronze | 800-Pound Hydraulic<br>Ferrosteel<br>800-Pound W.O.G.<br>Ferrosteel<br>600-Pound<br>Steel | 900-Pound<br>Steel | 1500-Pound<br>Steel |                |
| 1/2            | A                                                                    | A                                                                                                                                                   | A                                                                                         |                    | A                   | 1/2            |
| 3/4            |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 3/4            |
| 1              |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 1              |
| 1 1/4          |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 1 1/4          |
| 1 1/2          |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 1 1/2          |
| 2              | B                                                                    | B                                                                                                                                                   | B                                                                                         | B                  | B                   | 2              |
| 2 1/2          |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 2 1/2          |
| 3              |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 3              |
| 3 1/2          |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 3 1/2          |
| 4              |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 4              |
| 5              | C                                                                    | C                                                                                                                                                   | C                                                                                         | C                  | C                   | 5              |
| 6              |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 6              |
| 8              |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 8              |
| 10             |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 10             |
| 12             |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 12             |
| 14             | D                                                                    | E                                                                                                                                                   | E                                                                                         | E                  | D                   | 14             |
| 16             |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 16             |
| 18             |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 18             |
| 20             |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 20             |
| 24             |                                                                      |                                                                                                                                                     |                                                                                           |                    |                     | 24             |

### Schedule of Net Prices Covering Labor Only For Bolting Companion Flanges to Valves and Fittings Not Including Bolts and Gaskets

|            | Net Prices, Each<br>For Valve or Fitting |                           |                          |
|------------|------------------------------------------|---------------------------|--------------------------|
|            | With Two<br>End Flanges                  | With Three<br>End Flanges | With Four<br>End Flanges |
| Schedule A | 1.13                                     | 1.79                      | 2.44                     |
| Schedule B | 1.79                                     | 2.51                      | 3.39                     |
| Schedule C | 2.44                                     | 3.39                      | 4.38                     |
| Schedule D | 3.00                                     | 4.22                      | 5.59                     |
| Schedule E | 3.64                                     | 5.10                      | 6.89                     |
| Schedule F | 4.22                                     | 5.90                      | 8.10                     |

## Protectors for Ends of Valves, Fittings, and Flanges

The following schedule, subject to change without notice, is Crane standard practice for protecting the ends of valves, fittings, and flanges.

### Screwed End Valves — Not Fabricated

The following lines are furnished with protectors as outlined below:

All screwed valves that are regularly or specially air tested.

All screwed cast and forged steel valves.

Tin plugs for female ends, sizes 4" and smaller.

Sheet rubber discs for female ends, sizes larger than 4".

Sheet iron bands, half couplings, or regular thread protectors (as conditions warrant) for male ends, all sizes.

No charge is made for protectors on valves mentioned above.

### Ammonia Valves, Flanged Fittings, and Flanges

Screwed and flanged ammonia valves, being regularly air tested, are furnished with tin plug, rubber disc, or wooden protectors.

Flanged ammonia fittings are furnished with wooden protectors.

No charge is made for these protectors.

Ammonia flanges are not furnished with protectors.

### Flanged End Valves, Flanged Fittings, and Companion Flanges — Not Fabricated

The following lines are furnished with protectors as outlined below:

All flanged valves that are regularly or specially air tested.

All flanged cast and forged steel valves.

All flanged steel fittings.

All steel flanges.

Wood protectors for general use and for regular Cranelap faces.

Sheet steel plates for export use.

Cast steel protectors for special Cranelap faces (male, female, tongue, groove, or ring joint).

On the products mentioned above—

(a) No charge is made for the wood protectors.

(b) No charge is made for the sheet steel plates on export shipments.

(c) When cast steel protectors are furnished for special Cranelap faces, they are charged extra. However, credit will be allowed for these protectors, if and when returned after having received approval for so doing.

### Fabricated Piping, Bends, Etc.

All fabricated piping and bends are furnished with protectors on screwed as well as flanged ends as outlined in the foregoing schedules.

No direct extra charges are made for protectors since they are included in the quoted prices on fabricated jobs. However, credit will be allowed on steel and wooden flange protectors, if and when returned to us after having received approval for so doing.

### Flange Protectors on Regular Lines of Iron or Ferrosteel Valves and Fittings

When possible to ship valves and fittings with companion flanges bolted on, or to ship flanges bolted together, there is no need for further protection except that a cardboard will be inserted between the end flanges of valves and fittings and the companion flange.

When cast iron or ferrosteel flanged valves and fittings other than as noted on this page are shipped with end flanges protected by wooden flange protectors, an extra charge, per the following schedule, will be made. However, credit will be allowed for these protectors, if and when returned after having received approval for so doing.

| Size<br>Inches | Net Prices, Each                                                                               |                           |                          |
|----------------|------------------------------------------------------------------------------------------------|---------------------------|--------------------------|
|                | Valves and Fittings<br>All Pressure Classes up to 250-Pound<br>(Including 800-Pound Hydraulic) |                           |                          |
|                | With Two<br>End Flanges                                                                        | With Three<br>End Flanges | With Four<br>End Flanges |
| 1              | 1.22                                                                                           | 1.70                      | 2.19                     |
| 1¼             | 1.22                                                                                           | 1.70                      | 2.19                     |
| 1½             | 1.22                                                                                           | 1.70                      | 2.19                     |
| 2              | 1.22                                                                                           | 1.70                      | 2.19                     |
| 2½             | 1.22                                                                                           | 1.70                      | 2.19                     |
| 3              | 1.53                                                                                           | 2.10                      | 2.85                     |
| 3½             | 1.53                                                                                           | 2.10                      | 2.85                     |
| 4              | 1.53                                                                                           | 2.10                      | 2.85                     |
| 5              | 1.53                                                                                           | 2.10                      | 2.85                     |
| 6              | 1.53                                                                                           | 2.10                      | 2.85                     |
| 8              | 1.70                                                                                           | 2.51                      | 3.32                     |
| 10             | 1.94                                                                                           | 2.92                      | 3.89                     |
| 12             | 1.94                                                                                           | 2.92                      | 3.89                     |
| 14             | 2.19                                                                                           | 3.32                      | 4.45                     |
| 16             | 2.51                                                                                           | 3.73                      | 4.95                     |
| 18             | 2.51                                                                                           | 3.73                      | 4.95                     |
| 20             | 2.85                                                                                           | 4.14                      | 5.51                     |
| 24             | 2.85                                                                                           | 4.14                      | 5.51                     |