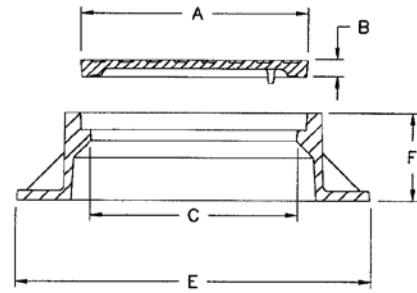




ROUND MANHOLE BASE FLANGE

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| A | B | C | E | F | Catalog |
|------------|------------|------------|-------------|-----------|--------------|
| Cover Dia. | Cover Thk. | Clear Open | Flange Dia. | Frame Ht. | Number |
| 6 1/2 | 1 1/2 | 5 1/16 | 7 3/8 | 6 5/16 | 2960 |
| 6 1/8 | 9/16 | 5 1/4 | 10 | 6 | 1567 |
| 7 3/8 | 1 1/8 | 6 1/2 | 12 1/2 | 6 | 1571 |
| 8 | 1 | 6 1/2 | 11 1/2 | 10 | 2966 |
| 7 3/4 | 1 | 6 3/4 | 11 3/8 | 2 | 3691 |
| 8 | 1 | 6 3/4 | 13 1/4 | 7 | 1570 |
| 8 7/8 | 11/16 | 7 1/2 | 15 5/8 | 8 | 1574 |
| 8 13/16 | 5/8 | 8 1/8 | 15 | 4 | 3675 |
| 9 | 1 1/2 | 7 7/8 | 19 1/2 | 10 | 1575 |
| 9 3/8 | 2 | 7 7/8 | 18 | 4 | 1445 |
| 9 1/4 | 3/4 | 8 | 11 9/16 | 9 | 3695 |
| 9 5/8 | 3/4 | 8 | 12 1/2 | 2 5/16 | 2885 Rev |
| 10 | 1/2 | 8 | 16 | 8 | 1576 |
| 10 1/4 | 1 1/2 | 8 1/2 | 14 1/2 | 4 | V-1610-1 Rev |
| 10 1/2 | 2 | 9 | 16 | 8 | 1565 |
| 10 | 1 | 9 1/4 | 16 | 8 | 1566 |
| 11 5/8 | 1 | 10 1/2 | 18 | 4 | 3661 |
| 11 13/16 | 1 1/8 | 10 5/8 | 18 | 8 | 1564 |
| 11 1/2 | 1/2 | 10 13/16 | 15 1/2 | 5 | V-8502 |
| 13 1/4 | 1 | 11 1/4 | 14 7/8 | 5 | 1150 |
| 13 | 1 1/2 | 11 1/4 | 20 | 4 | 1562 |
| 13 1/4 | 1 1/2 | 11 1/2 | 17 5/8 | 4 | V-1610-2 Rev |
| 13 3/4 | 1 1/8 | 13 | 20 | 6 | 1572 |
| 16 | 1 1/2 | 14 1/4 | 23 | 4 | 1563 |
| 16 1/4 | 1 1/2 | 14 3/8 | 20 1/2 | 4 | V-1610-3 Rev |
| 18 | 1 | 16 1/2 | 22 3/4 | 3 | 2912 Rev |
| 17 3/4 | 1 1/2 | 16 7/8 | 28 | 6 | 1740 |
| 18 | 1 | 17 | 25 | 4 1/2 | 1680 |
| 20 | 2 3/16 | 18 | 29 | 4 | 1525 |
| 19 1/4 | 1 1/2 | 18 1/8 | 21 | 2 1/2 | V-1700-1 |
| 19 1/4 | 1 1/2 | 18 1/8 | 24 | 4 | V-1600-1 Rev |
| 19 9/16 | 1 5/8 | 18 1/8 | 22 1/8 | 4 1/2 | 3005 |
| 20 1/4 | 1 3/4 | 18 3/16 | 34 3/8 | 9 1/8 | 3718Z2 |
| 19 3/4 | 1 1/2 | 18 3/8 | 24 | 4 1/2 | V-1887 |
| 19 7/8 | 9/16 | 18 3/8 | 27 1/2 | 4 | 1495 |
| 20 1/4 | 3/4 | 18 1/2 | 22 | 5 | 1160 |
| 20 13/16 | 1 | 19 | 29 | 5 | 1085 |
| 20 1/4 | 1 3/8 | 19 | 21 3/4 | 1 7/8 | 3033 |
| 20 | 1 3/8 | 19 3/8 | 21 1/8 | 1 3/4 | V-1701 |
| 21 5/16 | 1 3/16 | 19 11/16 | 32 | 7 1/2 | 2005 |
| 21 3/4 | 1 | 20 | 40 | 5 | 1190 |
| 21 3/4 | 1 1/8 | 20 | 34 1/4 | 5 | 1180 |
| 22 1/8 | 1 1/2 | 20 | 26 1/2 | 2 3/8 | V-1610-4 |
| 22 3/4 | 1 1/2 | 19 3/4 | 37 7/8 | 10 | 1641 |
| 21 3/4 | 1 1/4 | 19 7/8 | 30 1/2 Sq. | 6 1/4 | 8045 |

| A | B | C | E | F | Catalog |
|------------|------------|------------|-------------|-----------|--------------|
| Cover Dia. | Cover Thk. | Clear Open | Flange Dia. | Frame Ht. | Number |
| 22 1/4 | 1 1/2 | 19 3/4 | 32 | 11 | 1670 |
| 24 | 1 1/2 | 19 7/8 | 33 7/8 | 7 | 1123 |
| 21 3/4 | 1 1/8 | 19 7/8 | 27 3/4 | 5 | 1170 |
| 21 3/4 | 1 1/8 | 20 | 26 | 5 | 1171 |
| 21 3/4 | 1 1/8 | 20 | 33 | 6 1/2 | 1030 |
| 21 3/4 | 1 1/8 | 20 | 36 | 8 1/2 | 1060 |
| 21 3/4 | 1 1/4 | 20 1/16 | 34 | 8 | 1945 |
| 21 3/4 | 1 3/8 | 20 | 30 | 9 3/4 | 1837 |
| 22 | 1 1/2 | 20 | 28 1/4 | 6 | 1140 |
| 22 | 1 1/2 | 20 | 31 | 4 | 1135 Rev |
| 22 | 1 1/2 | 20 | 33 | 8 | 1125 |
| 22 3/4 | 1 3/4 | 20 | 36 | 7 7/8 | V-1476 |
| 23 | 1 1/4 | 20 | 32 1/4 | 7 | 1010 |
| 22 | 1 1/2 | 20 | 27 7/8 | 4 | 1130 |
| 21 3/4 | 1 | 20 1/4 | 33 | 9 1/2 | 1955 |
| 21 7/8 | 1 1/2 | 20 1/4 | 26 5/8 | 4 | V-1610-4 Rev |
| 22 | 1 | 20 1/4 | 23 3/4 | 4 | 1285 |
| 22 | 1 | 20 1/4 | 32 | 8 | 1535 |
| 22 3/4 | 1 1/8 | 20 1/4 | 36 1/2 | 8 | 1075 |
| 23 | 1 1/4 | 20 1/4 | 32 1/4 | 7 | 1000 |
| 23 | 1 1/4 | 20 1/4 | 32 1/4 | 7 | 1002 |
| 23 1/2 | 2 1/4 | 20 3/8 | 30 1/2 | 4 7/8 | V-1438 |
| 23 | 1 1/4 | 20 7/16 | 34 13/16 | 7 1/4 | 1070 |
| 22 | 1 1/2 | 20 1/2 | 28 | 4 | 1490 |
| 22 | 1 1/2 | 20 1/2 | 26 1/2 | 4 | 1490Z2 Rev |
| 22 1/4 | 1 | 20 5/8 | 30 | 9 3/4 | 1661 |
| 22 3/4 | 1 1/2 | 20 1/2 | 36 | 7 | V-1345-1 |
| 22 3/4 | 1 3/4 | 20 1/2 | 34 | 8 | 1550 |
| 22 3/4 | 2 | 20 1/2 | 36 | 7 | V-1344 |
| 23 3/4 | 1 5/8 | 20 5/8 | 27 1/2 | 6 | V-1866-3 |
| 22 1/4 | 1 | 20 11/16 | 28 1/2 | 4 3/4 | 1660 |
| 22 1/4 | 1 | 20 3/4 | 24 7/8 | 4 | 1505 |
| 22 3/4 | 1 3/4 | 20 3/4 | 36 | 7 | 1875Z2 |
| 22 3/4 | 1 3/4 | 20 3/4 | 36 | 7 | 1875Z3 |
| 22 3/4 | 1 3/4 | 20 13/16 | 36 | 9 | 1051Z2 |
| 22 3/4 | 1 3/4 | 20 13/16 | 34 | 9 | 1051Z3 |
| 23 | 1 1/2 | 20 7/8 | 36 | 9 | 1058 |
| 22 3/4 | 1 3/4 | 21 | 34 | 4 | 1037 |
| 22 3/4 | 1 3/4 | 21 | 36 | 4 | 1077 |
| 22 3/4 | 1 3/4 | 21 | 32 1/2 | 4 | 1880 |
| 22 3/4 | 1 3/4 | 21 | 34 | 4 1/2 | 2996 Rev |
| 22 3/4 | 1 3/4 | 21 | 34 | 6 | 1020 |
| 22 3/4 | 1 3/4 | 21 | 34 | 7 | 1023 |
| 22 3/4 | 1 3/4 | 21 | 34 | 7 | 1024 |
| 22 3/4 | 1 3/4 | 21 | 34 | 9 | 1050 |

Note: All dimensions are in inches. Rev = Reversible

ROUND MANHOLE BASE FLANGE (CONTINUED)

| A | B | C | E | F | Catalog |
|------------|------------|------------|-------------|-----------|--------------|
| Cover Dia. | Cover Thk. | Clear Open | Flange Dia. | Frame Ht. | Number |
| 22 3/4 | 1 3/4 | 21 | 36 | 5 1/2 | 1559 |
| 22 3/4 | 1 3/4 | 21 | 36 | 7 | 1076 |
| 22 3/4 | 1 3/4 | 21 | 35 3/4 | 7 1/8 | 1022 |
| 23 3/4 | 1 1/2 | 21 | 37 5/8 | 9 | 1260 |
| 22 3/4 | 1 3/4 | 21 | 36 | 9 | 1560 |
| 23 | 1 3/4 | 21 | 35 3/4 | 9 | 1920 |
| 23 1/4 | 1 1/4 | 21 3/8 | 32 | 4 | V-1383-1 |
| 23 1/4 | 1 1/4 | 21 1/4 | 34 1/2 | 8 1/4 | V-1383 |
| 23 3/4 | 1 1/4 | 21 1/4 | 37 | 7 | 1771 |
| 23 1/4 | 1 | 21 | 35 5/8 | 7 3/4 | 1850 |
| 23 3/4 | 1 1/2 | 21 3/8 | 35 5/16 | 7 7/16 | 1620 |
| 23 1/4 | 1 | 21 7/16 | 33 | 9 | 2015Z1 |
| 23 3/4 | 1 | 21 7/16 | 36 7/8 | 7 1/8 | 2045 |
| 23 | 3/4 | 21 1/2 | 28 | 4 | 2910Z1 |
| 23 1/4 | 1 | 21 5/8 | 33 | 9 | 2015 |
| 23 3/4 | 1 | 21 1/2 | 38 | 7 | 1665 |
| 23 3/4 | 1 | 21 1/2 | 38 | 9 | 1450 |
| 23 3/4 | 1 | 21 1/2 | 33 13/16 | 9 | 1450Z1 |
| 23 13/16 | 3 | 21 1/2 | 31 1/2 | 4 | 1834 |
| 23 13/16 | 3 | 21 1/2 | 31 1/2 | 7 | 1835Z1 |
| 24 | 2 | 21 3/4 | 31 | 2 3/4 | V-1140 |
| 23 1/4 | 1 | 21 3/4 | 32 3/8 | 4 1/2 | V-1406 |
| 23 3/4 | 1 1/4 | 21 7/8 | 30 | 2 1/2 | V-1136 |
| 23 3/4 | 1 5/16 | 21 3/4 | 39 | 8 | 2060 |
| 23 3/4 | 1 5/16 | 21 3/4 | 39 | 8 | 2065 |
| 23 3/4 | 1 3/4 | 21 3/4 | 33 1/4 | 7 | 1925 |
| 23 3/4 | 1 3/4 | 21 3/4 | 33 1/4 | 11 | 1928 |
| 23 13/16 | 3 | 21 3/4 | 31 3/8 | 7 1/4 | 1835 |
| 23 13/16 | 3 | 21 3/4 | 31 3/8 | 7 1/4 | 1840 |
| 26 | 1 1/2 | 21 3/4 | 25 3/4 | 9 | 1290 |
| 23 1/2 | 1 | 21 13/16 | 33 1/4 | 7 1/2 | V-1384 |
| 23 3/4 | 1 | 21 13/16 | 35 | 7 | 1775 |
| 23 3/4 | 1 5/8 | 21 13/16 | 30 | 4 1/2 | V-1866 Rev |
| 23 1/2 | 1 1/2 | 21 3/4 | 28 1/2 | 4 | V-1600-2 Rev |
| 23 3/4 | 2 | 21 3/4 | 32 | 5 | 2023 |
| 23 1/4 | 1 | 21 7/8 | 29 1/8 | 5 | 1622 Rev |
| 23 1/4 | 1 | 21 7/8 | 32 1/4 | 6 3/8 | V-1403 |
| 23 1/4 | 1 | 21 7/8 | 33 1/4 | 6 3/8 | V-1503 |
| 23 1/4 | 1 | 21 7/8 | 36 | 5 | 1622Z1 Rev |
| 23 1/4 | 1 | 21 7/8 | 40 1/2 | 9 | V-1501 |
| 24 | 1 1/2 | 21 7/8 | 30 3/4 | 4 1/8 | 3100 |
| 23 3/4 | 2 1/2 | 21 7/8 | 31 1/2 | 8 | 1960 |
| 23 1/4 | 1 | 22 | 30 | 4 | 2132Z1 Rev |
| 23 1/4 | 1 | 22 | 29 1/2 | 4 7/8 | V-1105 |
| 23 1/4 | 1 | 22 | 33 1/2 | 8 | 2132 |
| 23 1/2 | 1 | 22 | 26 | 1 1/2 | 3110 |
| 23 1/2 | 1 | 22 | 31 | 6 | V-1384-2 |
| 23 1/2 | 1 1/2 | 22 | 25 3/4 | 2 1/2 | V-1700-2 |
| 23 1/2 | 1 1/2 | 22 | 31 3/4 | 4 | V-1481 |
| 23 1/2 | 1 1/2 | 22 | 32 1/4 | 4 1/2 | V-1418-2 |
| 23 1/2 | 1 1/2 | 22 | 32 | 5 3/4 | 1348 |
| 23 1/2 | 1 1/2 | 22 | 32 1/4 | 6 | V-1480-10 |
| 23 1/2 | 1 1/2 | 22 | 33 1/4 | 8 1/2 | V-1418-1 |
| 23 3/4 | 1 | 22 | 32 | 6 | 1251 |

| A | B | C | E | F | Catalog |
|------------|------------|------------|-------------|-----------|-----------|
| Cover Dia. | Cover Thk. | Clear Open | Flange Dia. | Frame Ht. | Number |
| 23 3/4 | 1 | 22 | 37 1/2 | 10 1/2 | 2020 |
| 23 3/4 | 1 | 22 | 36 | 11 | 2035 |
| 23 3/4 | 1 1/8 | 22 | 36 3/8 | 8 1/2 | 1410 |
| 23 3/4 | 1 3/16 | 22 | 32 1/2 | 6 | V-1327 |
| 23 3/4 | 1 3/16 | 22 | 34 | 8 | V-1326 |
| 23 3/4 | 2 | 22 | 31 3/4 | 5 | V-1317 |
| 23 3/4 | 2 | 22 | 30 | 7 1/4 | V-1243 |
| 23 3/4 | 2 | 22 | 36 | 9 | 1715 |
| 23 3/4 | 2 1/2 | 22 | 32 | 5 | 1202 |
| 23 7/8 | 1 | 22 | 30 | 4 | 2425 Rev |
| 23 3/4 | 2 | 22 1/16 | 34 7/8 | 8 | 1710 |
| 23 1/2 | 1 | 22 1/8 | 31 | 6 | V-1284-3 |
| 24 | 1 | 22 1/4 | 33 1/2 | 4 | 1267Z Rev |
| 24 | 1 | 22 | 34 | 7 | 1122 |
| 24 1/4 | 1 | 22 | 32 | 6 3/4 | V-1482-2 |
| 24 | 1 3/16 | 22 | 34 | 7 | 1325 |
| 24 | 1 1/2 | 22 | 34 | 7 | 1119 |
| 24 | 1 1/2 | 22 | 36 | 7 | 1120 |
| 24 | 1 5/8 | 22 | 30 | 6 | 1606 |
| 24 | 3 | 22 | 32 | 7 1/2 | 1272 |
| 24 3/4 | 1 1/4 | 22 | 37 1/4 | 9 | 1433Z1 |
| 24 7/8 | 2 | 22 | 32 | 6 | 1733 Adj. |
| 26 1/4 | 1 1/2 | 22 | 32 | 6 | V-1339 |
| 23 3/4 | 1 3/8 | 22 1/16 | 33 5/8 | 7 1/8 | 1590 |
| 23 3/4 | 2 | 22 1/16 | 32 | 5 | 2022 Rev |
| 23 7/8 | 1 | 22 1/8 | 34 1/16 | 4 | 2410 |
| 23 7/8 | 1 | 22 1/8 | 34 1/16 | 6 | 2430 |
| 23 7/8 | 1 | 22 1/8 | 34 1/16 | 8 | 2420 |
| 23 7/8 | 1 | 22 1/8 | 34 | 8 | 2420Z1 |
| 24 | 2 | 22 1/8 | 31 7/8 | 5 | 1343 |
| 24 | 2 | 22 1/8 | 31 7/8 | 5 | 1342 |
| 24 | 2 1/2 | 22 1/8 | 31 | 6 | 2024 |
| 26 | 1 1/2 | 22 1/8 | 38 3/4 | 7 | 1044 |
| 24 | 1 1/2 | 22 1/4 | 34 | 4 | 1118 |
| 24 | 1 1/2 | 22 1/4 | 34 3/4 | 7 1/2 | 1117 |
| 24 1/4 | 1 | 22 1/4 | 31 3/4 | 7 | V-1324 |
| 24 3/4 | 1 1/4 | 22 1/4 | 34 | 4 | 1433Z3 |
| 25 | 1 1/2 | 22 1/4 | 32 | 6 | V-1339 |
| 23 1/4 | 1 | 22 1/8 | 34 | 7 3/8 | V-1301 |
| 23 3/4 | 1 | 22 3/8 | 36 Sq. | 7 1/4 | 287 |
| 24 | 2 1/2 | 22 3/8 | 32 | 5 1/2 | 2040 |
| 24 7/16 | 2 | 22 3/8 | 32 1/4 | 7 | 1734 |
| 25 3/4 | 1 1/2 | 22 7/16 | 33 1/2 | 6 | 3115 |
| 24 3/4 | 1 | 22 7/16 | 36 | 7 1/4 | 1600 |
| 23 1/2 | 1 | 22 1/2 | 33 1/4 | 7 1/2 | V-1304 |
| 23 3/4 | 3/4 | 22 1/2 | 34 | 7 | 1460 |
| 23 3/4 | 1 1/4 | 22 1/2 | 31 1/2 | 6 | 1337 |
| 23 3/4 | 2 | 22 1/2 | 32 | 5 | V-1168 |
| 23 7/8 | 2 1/8 | 22 1/2 | 32 | 5 | 2350 |
| 24 | 1 3/8 | 22 1/2 | 34 | 7 | 1310 |
| 24 1/4 | 1 | 22 1/2 | 31 3/4 | 6 | V-1407 |
| 27 | 1 7/8 | 22 1/2 | 31 3/4 | 6 | 3118 |
| 23 3/4 | 1 | 22 1/2 | 31 1/4 | 4 5/8 | 1690 |
| 24 | 1 5/16 | 22 9/16 | 32 | 5 7/8 | 1224 |

Note: All dimensions are in inches. Rev = Reversible



ROUND MANHOLE BASE FLANGE (CONTINUED)

| A | B | C | E | F | Catalog |
|------------|------------|------------|-------------|-----------|--------------|
| Cover Dia. | Cover Thk. | Clear Open | Flange Dia. | Frame Ht. | Number |
| 23 3/4 | 1 | 22 5/8 | 28 1/2 | 3 | 3024 Rev |
| 24 | 1 9/16 | 22 5/8 | 31 1/2 | 4 1/2 | 1500 |
| 24 | 1 9/16 | 22 5/8 | 34 | 9 | 1500Z1 |
| 24 | 2 1/4 | 22 5/8 | 32 | 5 | 1177 |
| 24 3/4 | 7/8 | 23 | 31 | 3 | 2601 |
| 24 3/4 | 7/8 | 23 | 31 | 6 | 2600 |
| 24 3/4 | 7/8 | 23 | 31 | 10 | 2603 |
| 24 3/4 | 15/16 | 23 | 32 | 4 | 3020 Rev |
| 24 3/4 | 1 1/4 | 23 | 34 | 8 | 1433Z2 |
| 25 3/8 | 1 1/4 | 23 | 38 5/8 | 7 | 2055 |
| 25 3/8 | 2 | 23 | 39 | 8 | 1212 |
| 25 1/2 | 2 | 23 | 38 | 5 | 1703 |
| 25 1/2 | 2 | 23 | 38 | 10 1/2 | 1700 |
| 23 11/16 | 1 | 23 3/8 | 31 1/2 | 3 | 1510 |
| 25 5/8 | 1 | 23 3/8 | 38 | 7 7/8 | 1210 |
| 26 | 1 5/8 | 23 3/8 | 35 1/2 | 7 | 1720 |
| 25 | 1 | 23 7/16 | 33 5/8 | 4 | 3710 Rev |
| 24 7/8 | 7/8 | 23 1/2 | 34 | 6 | 3108 |
| 25 1/2 | 1 | 23 5/8 | 36 | 6 | 1930 |
| 25 1/2 | 1 5/16 | 23 5/8 | 32 7/8 | 6 | 3740 |
| 25 1/8 | 1 1/4 | 23 3/4 | 36 | 8 | V-1360-1 |
| 25 3/8 | 1 | 23 3/4 | 34 | 6 | 3736 |
| 25 3/8 | 1 1/2 | 23 3/4 | 35 1/4 | 7 | V-1357 |
| 25 13/16 | 2 1/2 | 23 3/4 | 32 | 8 | 1548 |
| 26 5/16 | 1 3/4 | 23 7/8 | 34 | 6 1/16 | 3767 |
| 25 | 1 | 23 7/8 | 34 1/8 | 6 | 3700 |
| 25 3/4 | 1 1/2 | 23 7/8 | 35 1/4 | 8 | V-1312 |
| 25 1/4 | 1 1/4 | 23 15/16 | 41 3/4 | 4 | 1530 |
| 25 1/4 | 1 1/2 | 24 | 35 1/4 | 6 | 1520 |
| 25 3/8 | 1 1/2 | 24 | 27 | 2 1/2 | V-1700-3 |
| 25 3/8 | 1 7/16 | 24 | 35 1/4 | 6 | 1522 |
| 25 1/2 | 1 | 24 | 35 | 3 | 1975Z1 |
| 25 1/2 | 1 | 24 | 36 | 8 | 1944 |
| 25 1/2 | 1 5/8 | 24 | 29 3/4 | 4 1/2 | V-1890 |
| 25 5/8 | 1 | 24 | 32 | 5 | 1625 Rev |
| 25 3/4 | 7/8 | 24 | 35 1/2 | 4 | 1205Z1 |
| 25 3/4 | 7/8 | 24 | 35 1/2 | 7 | 1205Z |
| 25 3/4 | 7/8 | 24 | 35 1/2 | 8 | 1936Z1 |
| 25 3/4 | 7/8 | 24 | 51 1/2 | 8 | 1936Z2 |
| 25 3/4 | 7/8 | 24 | 35 1/2 | 8 | 1936Z3 |
| 25 3/4 | 1 | 24 | 34 | 8 | V-1358 |
| 26 | 1 | 24 | 34 | 6 | 3725 |
| 26 3/16 | 1 | 24 | 34 | 4 | 3726 |
| 26 1/4 | 1 1/8 | 24 | 32 | 3 1/2 | 3180 |
| 25 3/4 | 1 3/8 | 24 | 39 | 4 | 1203Z1 |
| 25 3/4 | 1 3/8 | 24 | 34 | 6 | 1405 |
| 25 3/4 | 1 3/8 | 24 | 39 | 8 | 1203Z2 |
| 25 3/4 | 1 3/8 | 24 | 36 | 8 | 1207 |
| 25 1/4 | 1 1/2 | 24 | 32 1/8 | 4 | V-1600-3 Rev |
| 25 3/4 | 2 | 24 | 35 | 7 | 1227 |
| 25 3/4 | 2 1/4 | 24 | 28 | 2 3/4 | 2222 |
| 25 3/4 | 2 1/2 | 24 | 34 | 4 | 1543 |
| 25 3/4 | 2 1/2 | 24 | 36 | 7 | 1970 |
| 25 3/4 | 2 1/2 | 24 | 35 | 7 | 1970Z1 |

| A | B | C | E | F | Catalog |
|------------|------------|------------|-------------|-----------|--------------|
| Cover Dia. | Cover Thk. | Clear Open | Flange Dia. | Frame Ht. | Number |
| 25 13/16 | 2 1/2 | 24 | 34 | 9 | 1545Z1 |
| 26 | 1 1/4 | 24 | 35 3/4 | 7 1/4 | V-1550 |
| 26 | 1 3/8 | 24 | 34 | 4 | 2026 |
| 26 | 1 1/2 | 24 | 36 | 4 | 1046 |
| 26 | 1 1/2 | 24 | 34 | 5 | 2450 Rev |
| 26 | 1 1/2 | 24 | 32 1/2 | 4 | 1080 |
| 26 | 1 1/2 | 24 | 36 | 6 | V-1380-1 |
| 26 | 1 1/2 | 24 | 36 | 6 | V-1424-2 |
| 26 | 1 1/2 | 24 | 39 | 7 | 1040 |
| 26 | 1 1/2 | 24 | 36 | 7 | 1045 |
| 26 | 1 1/2 | 24 | 36 | 7 | 1045Z1 |
| 26 | 1 1/2 | 24 | 39 | 7 | 2025 |
| 26 | 1 1/2 | 24 | 36 | 8 | 1047 |
| 26 | 1 1/2 | 24 | 36 | 9 | 1048 |
| 26 | 1 1/2 | 24 | 36 | 10 | 1049 |
| 26 | 2 | 24 | 39 | 5 1/2 | 1271 Rev |
| 26 | 3 | 24 | 29 | 3 3/4 | 6487 |
| 26 1/8 | 1 3/16 | 24 | 33 3/4 | 3 9/16 | 2224 |
| 26 1/8 | 1 3/16 | 24 | 31 | 4 | 2224Z1 Rev |
| 26 1/8 | 1 3/8 | 24 | 35 | 7 3/8 | V-1355 |
| 26 1/4 | 1 3/4 | 24 | 34 | 7 | 3730 |
| 26 3/4 | 1 1/4 | 24 | 35 1/2 | 7 | V-1349 |
| 27 | 2 1/2 | 24 | 36 | 9 | 1900 |
| 27 1/8 | 1 1/2 | 24 | 32 1/2 | 6 | 3162 |
| 28 3/4 | 1 1/4 | 24 | 36 | 4 | 1935 |
| 29 | 3 3/4 | 24 | 37 | 5 1/2 | 2830 |
| 26 | 1 1/8 | 24 1/16 | 36 | 7 5/8 | V-1570 |
| 26 | 1 3/8 | 24 1/16 | 34 | 7 1/2 | 2027 |
| 26 | 1 1/8 | 24 1/16 | 34 | 7 | 1154Z2 |
| 25 1/2 | 1 | 24 1/8 | 35 | 9 | 1975 |
| 26 3/4 | 1 5/8 | 24 1/8 | 38 | 7 | 1965 |
| 25 5/8 | 1 1/2 | 24 3/16 | 32 | 4 | 1854 Rev |
| 25 3/4 | 1 1/4 | 24 3/16 | 43 1/4 | 11 1/2 | 1705 |
| 25 3/4 | 1 1/4 | 24 3/16 | 43 1/4 | 11 1/2 | 1706 |
| 25 1/2 | 1/2 | 24 1/4 | 31 | 4 | 1155 Rev |
| 25 5/8 | 7/8 | 24 5/16 | 34 | 6 | 1731 |
| 28 3/4 | 1 3/8 | 24 1/2 | 37 1/2 | 7 | 1893 |
| 25 5/8 | 7/8 | 24 5/8 | 35 1/2 | 10 | 1730 |
| 26 1/4 | 1 1/8 | 25 | 35 3/4 | 7 | V-1115 |
| 27 7/16 | 2 7/16 | 25 1/8 | 35 7/8 | 7 | 2080 |
| 27 7/8 | 2 1/8 | 25 3/8 | 40 1/4 | 4 | 3761-4 |
| 25 3/4 | 1 3/8 | 25 3/8 | 34 1/2 | 6 1/2 | 1208 Adj. |
| 27 7/8 | 2 1/8 | 25 1/2 | 40 | 9 1/4 | 3761-9 |
| 27 3/4 | 1 | 26 | 46 SQ | 3 1/2 | 288 |
| 27 3/4 | 1 | 26 | 46 SQ | 7 1/4 | 8075 |
| 27 7/8 | 1 3/8 | 26 | 38 1/4 | 4 3/8 | 2100 Rev |
| 28 | 1 | 26 | 33 7/8 | 4 | 1250 |
| 27 7/8 | 1 3/8 | 26 | 38 1/4 | 4 3/8 | 2101 Rev |
| 27 7/8 | 1 1/2 | 26 3/8 | 32 1/2 | 4 1/8 | V-1610-5 Rev |
| 29 | 2 | 26 3/4 | 45 3/4 | 9 | 1790 |
| 28 3/4 | 1 3/8 | 26 7/8 | 37 1/4 | 7 | 1890Z1 |
| 28 3/4 | 1 3/8 | 27 | 37 1/4 | 4 | 1891 |
| 28 15/16 | 1 3/8 | 27 | 46 | 5 5/8 | 1802 |
| 28 15/16 | 1 3/8 | 27 | 46 | 10 | 1805 |

Note: All dimensions are in inches. Rev = Reversible

ROUND MANHOLE BASE FLANGE (CONTINUED)

| A | B | C | E | F | Catalog |
|------------|------------|------------|-------------|-----------|---------------|
| Cover Dia. | Cover Thk. | Clear Open | Flange Dia. | Frame Ht. | Number |
| 30 1/8 | 1 1/2 | 27 | 35 1/2 | 6 | 3164 |
| 33 1/8 | 1 1/2 | 27 | 40 1/4 | 6 | 3163Z1 |
| 29 5/8 | 1 1/2 | 28 | 36 | 4 | 1892 |
| 29 7/8 | 1 1/16 | 28 | 41 5/16 | 7 1/4 | 1470 |
| 29 5/8 | 7/8 | 28 1/2 | 36 1/2 | 5 | 2760 |
| 31 1/2 | 1 1/2 | 29 1/4 | 56 | 10 1/2 | 425 |
| 31 1/2 | 1 1/8 | 29 9/16 | 44 7/8 | 7 7/8 | 1220 |
| 31 1/2 | 1 1/2 | 29 5/8 | 37 1/2 | 4 | 2230Z1 Rev |
| 31 5/8 | 1 3/4 | 29 5/8 | 38 3/4 | 6 | 2010 |
| 31 9/16 | 1 1/8 | 29 11/16 | 44 1/2 | 7 3/4 | 1266 |
| 31 1/2 | 1 1/2 | 29 3/4 | 39 | 5 1/4 | 2295 |
| 31 1/2 | 1 1/2 | 30 | 39 1/8 | 5 1/4 | 2230 |
| 31 1/2 | 1 1/2 | 30 | 44 1/4 | 6 | 2232 |
| 31 3/4 | 1 3/8 | 30 | 41 | 4 | 1230 |
| 31 3/4 | 1 3/8 | 30 | 41 | 6 1/2 | 1232 |
| 31 3/4 | 1 3/8 | 30 | 41 1/2 | 7 1/2 | 1370 |
| 31 3/4 | 1 3/8 | 30 | 41 | 8 | 1234 |
| 31 7/8 | 1 3/8 | 30 | 34 7/8 | 2 3/8 | V-1700-4 |
| 31 7/8 | 1 3/8 | 30 | 38 | 4 | V-1600-4 Rev |
| 31 7/8 | 1 3/8 | 30 | 40 1/4 | 6 7/8 | V-7032 |
| 31 7/8 | 1 1/2 | 30 | 40 3/4 | 4 1/2 | V-1420/1480Z1 |
| 31 7/8 | 1 1/2 | 30 | 40 3/4 | 6 | V-1420 |
| 31 15/16 | 1 3/8 | 30 | 46 | 5 5/8 | 1820 |
| 31 15/16 | 1 3/8 | 30 | 49 | 5 5/8 | 1822 |
| 31 15/16 | 1 3/8 | 30 | 41 Sq. | 7 | 8027 |
| 31 15/16 | 1 3/8 | 30 | 48 3/4 | 10 | 1810 |
| 32 | 1 1/2 | 30 | 38 | 4 | 1480 Rev |
| 32 | 1 1/2 | 30 | 40 1/4 | 4 7/8 | V-1432 |
| 32 | 1 1/2 | 30 | 46 | 6 1/2 | 1320 |
| 32 1/8 | 3/4 | 30 | 34 | 1 1/2 | 1136 |
| 33 1/8 | 1 1/2 | 30 | 38 1/2 | 6 | 3163 |
| 37 7/16 | 1 1/2 | 30 | 45 SQ | 11 13/16 | 1830 |
| 31 15/16 | 1 3/8 | 30 1/16 | 46 | 10 | 1825 |
| 32 1/2 | 2 | 30 1/16 | 41 3/4 | 9 | 1895 |
| 32 | 1 1/2 | 30 1/4 | 40 | 6 1/2 | 1322 |
| 32 | 1 1/2 | 30 9/16 | 42 | 8 1/2 | V-1419 |
| 34 1/8 | 1 1/2 | 31 9/16 | 40 1/2 | 4 | 1161Z1 |
| 34 1/8 | 1 1/2 | 31 3/4 | 40 1/2 | 4 | 1161 |
| 33 3/4 | 1 3/8 | 32 | 46 SQ | 5 | V-7069-1 |
| 34 1/4 | 1 1/2 | 32 | 40 | 4 | 1475Z1 |
| 34 1/4 | 1 1/2 | 32 3/16 | 38 1/2 | 4 | 1475 Rev |
| 34 | 1 1/2 | 32 1/4 | 38 1/2 | 4 | V-1610-6 Rev |
| 34 3/4 | 1 | 33 | 41 SQ | 4 | V-7070 |
| 35 | 2 | 33 | 44 | 6 | 1330 |
| 38 | 1 1/4 | 33 1/8 | 48 1/2 | 6 | 3166 |
| 35 3/4 | 1 1/8 | 34 | 45 | 5 1/4 | 2455 |
| 36 | 1 1/8 | 34 | 45 | 7 1/2 | 2228 |
| 36 | 1 1/2 | 34 | 45 | 4 1/2 | 1586 |
| 36 | 1 1/2 | 34 | 45 | 8 1/2 | 1585 |
| 36 3/4 | 2 7/16 | 34 | 45 | 4 | 1990 |
| 38 5/16 | 1 1/2 | 34 | 45 | 10 1/8 | 1583 |
| 37 | 2 9/16 | 34 1/4 | 46 3/4 | 6 | 1588 |
| 37 | 2 | 35 | 47 SQ | 8 | V-7068 |

Note: All dimensions are in inches. Rev = Reversible

| A | B | C | E | F | Catalog |
|------------|------------|------------|-------------|-----------|--------------|
| Cover Dia. | Cover Thk. | Clear Open | Flange Dia. | Frame Ht. | Number |
| 37 1/4 | 1 5/8 | 35 1/4 | 44 SQ | 5 | V-7067 |
| 37 1/2 | 1 1/2 | 35 3/8 | 46 | 8 | 1995 |
| 38 | 2 | 35 3/4 | 46 | 6 | V-1600-5 Rev |
| 37 3/4 | 1 1/2 | 36 | 52 SQ | 10 | 1833 |
| 37 7/8 | 1 1/2 | 36 | 46 | 10 | 1812Z2 |
| 38 | 1 1/4 | 36 | 44 | 6 | 3106 |
| 38 1/4 | 1 5/8 | 36 | 44 | 6 | 3144 |
| 38 5/16 | 1 1/2 | 36 | 46 | 4 1/2 | 1581 Rev |
| 39 1/8 | 1 1/2 | 36 | 44 1/2 | 6 | 3165 |
| 38 | 2 | 36 | 46 | 6 | V-7058 |
| 38 | 2 | 36 1/8 | 40 5/8 | 3 | V-1700-5 |
| 39 13/16 | 3 | 38 | 46 SQ | 7 1/4 | 289 |
| 39 5/8 | 1 1/2 | 38 1/4 | 44 1/2 | 4 | V-1610-7 Rev |
| 40 5/8 | 1 3/4 | 39 1/8 | 50 1/8 | 4 | 430 |
| 44 1/8 | 2 1/2 | 41 13/16 | 61 x 50 | 4 | 8025 |
| 44 1/4 | 2 | 41 3/4 | 51 3/4 | 4 | 1843 |
| 44 1/8 | 2 1/2 | 42 | 62 x 50 | 6 | 8026 |
| 44 1/4 | 1 1/2 | 42 | 55 | 8 | 1986 |
| 44 1/4 | 2 | 42 1/4 | 51 1/2 | 4 1/8 | 1845Z1 |
| 45 3/4 | 1 1/2 | 43 3/4 | 50 1/2 | 4 | V-1610-8 Rev |
| 45 3/4 | 7/8 | 44 1/8 | 53 1/4 | 5.75 | 3109 |
| 45 3/4 | 1 1/2 | 44 1/2 | 56 | 10 | V-7046 |
| 50 | 2 | 48 | 59 | 10 | 1985 |
| 50 1/4 | 2 | 48 | 52 1/2 | 3 | V-1700-6 |
| 50 1/4 | 2 | 48 | 56 1/2 | 6 | V-1600-6 Rev |
| 50 1/2 | 2 | 48 | 62 | 10 | V-7048 |