



**SCBA / SCUBA Cylinder Fill  
Capability from UN/ISO and ASME  
Air Storage Systems**  
(estimated, based on cascade fill method)

| Model     | Storage Cylinder | Cylinder Specifications |               |             | SCBA  |       |       |       | SCUBA |
|-----------|------------------|-------------------------|---------------|-------------|-------|-------|-------|-------|-------|
|           | Type             | Qty                     | Pressure PSIG | Capacity CF | 2216  | 4500  | 4500  | 4500  | 3000  |
|           |                  |                         |               |             | 45 cf | 45 cf | 66 cf | 88 cf | 80 cf |
| 7045-HC02 | ISO              | 2                       | 4500          | 888         | 14    | -     | -     | -     | 4     |
| 7045-HC03 | ISO              | 3                       | 4500          | 1332        | 23    | -     | -     | -     | 7     |
| 7045-HC04 | ISO              | 4                       | 4500          | 1776        | 33    | -     | -     | -     | 10    |
| 7045-HC06 | ISO              | 6                       | 4500          | 2664        | 46    | -     | -     | -     | 14    |
| 7045-HC08 | ISO              | 8                       | 4500          | 3552        | 66    | -     | -     | -     | 20    |
| 7066-HC02 | ISO              | 2                       | 5000          | 898         | 15    | 5     | 4     | 3     | 6     |
| 7066-HC03 | ISO              | 3                       | 5000          | 1347        | 25    | 9     | 7     | 5     | 11    |
| 7066-HC04 | ISO              | 4                       | 5000          | 1796        | 37    | 17    | 12    | 7     | 16    |
| 7066-HC06 | ISO              | 6                       | 5000          | 2694        | 50    | 18    | 14    | 10    | 22    |
| 7066-HC08 | ISO              | 8                       | 5000          | 3592        | 74    | 34    | 24    | 14    | 32    |
| 7066-HC02 | ISO              | 2                       | 6000          | 1018        | 18    | 8     | 6     | 4     | 9     |
| 7066-HC03 | ISO              | 3                       | 6000          | 1527        | 30    | 15    | 11    | 7     | 14    |
| 7066-HC04 | ISO              | 4                       | 6000          | 2036        | 42    | 22    | 16    | 10    | 20    |
| 7066-HC06 | ISO              | 6                       | 6000          | 3054        | 60    | 30    | 22    | 14    | 28    |
| 7066-HC08 | ISO              | 8                       | 6000          | 4072        | 84    | 44    | 32    | 20    | 40    |
| 70B7-0025 | ASME             | 2                       | 5000          | 848         | 14    | 4     | 3     | 3     | 6     |
| 70B7-0035 | ASME             | 3                       | 5000          | 1272        | 24    | 9     | 6     | 4     | 9     |
| 70B7-0045 | ASME             | 4                       | 5000          | 1696        | 35    | 15    | 10    | 6     | 14    |
| 70B7-0065 | ASME             | 6                       | 5000          | 2544        | 48    | 18    | 12    | 8     | 18    |
| 70B7-0085 | ASME             | 8                       | 5000          | 3392        | 70    | 30    | 20    | 12    | 28    |
| 70B7-0026 | ASME             | 2                       | 6000          | 982         | 17    | 7     | 5     | 4     | 8     |
| 70B7-0036 | ASME             | 3                       | 6000          | 1473        | 28    | 13    | 9     | 6     | 12    |
| 70B7-0046 | ASME             | 4                       | 6000          | 1964        | 40    | 20    | 14    | 9     | 17    |
| 70B7-0066 | ASME             | 6                       | 6000          | 2946        | 56    | 26    | 18    | 12    | 24    |
| 70B7-0086 | ASME             | 8                       | 6000          | 3928        | 80    | 40    | 28    | 18    | 34    |

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