



Charging Fire Extinguishers with Cold Fire®

1.5 gallon extinguisher:

5 quarts of water and 1 bottle of concentrate
Pressurize to 100 PSI

2.5 gallon extinguisher:

8 quarts of water and 1 bottle of concentrate
Pressurize to 100 PSI

1 Liter extinguisher:

800 ml of water and 200 ml of concentrate
Pressurize to 175 PSI

2 Liter extinguisher:

1700 ml of water and 300 ml of concentrate
Pressurize to 175 PSI

3 Liter extinguisher:

2500 ml of water and 500 ml of concentrate
Pressurize to 175 PSI

4 Liter extinguisher:

3400 ml of water and 600 ml of concentrate
Pressurize to 175 PSI

Notes:

1. For the 1.5 and 2.5 gallon extinguishers, the charging is simplified by using one concentrate for the extinguisher. The 2.5 extinguisher is charged with 2.25 gallons of fluid. This yields at least a 10% concentration. For the smaller extinguishers the mixtures are rounded off to even 100 ml values. These values result in at least a 15% concentration.
2. Most large kitchen measuring cups have a metric scale
3. Pour water in first and then add concentrate.

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