

## LIQUID/GAS RATIOS

| LIQUID VOLUME<br>AT BOILING POINT |                     |               |        | MASS   |        | GASEOUS EQUIVALENT VOLUMES<br>(m <sup>3</sup> at 1013.25 mb) |         |         |          |         |         |        |         |         |
|-----------------------------------|---------------------|---------------|--------|--------|--------|--|---------|---------|----------|---------|---------|--------|---------|---------|
| FT <sup>3</sup>                   | IMPERIAL<br>GALLONS | US<br>GALLONS | LITRES | LB     | KG     | OXYGEN   |         |         | NITROGEN |         |         | ARGON  |         |         |
|                                   |                     |               |        |        |        | AT 0°C   | AT 15°C | AT 27°C | AT 0°C   | AT 15°C | AT 27°C | AT 0°C | AT 15°C | AT 27°C |
| 1                                 | 6.229               | 7.481         | 28.316 | -      | -      | 22.54  | 23.78   | 24.77   | 18.20    | 19.20   | 20.00   | 22.10  | 23.31   | 24.29   |
| 0.605                             | 1                   | 1.201         | 4.546  | -      | -      | 3.618  | 3.817   | 3.976   | 2.922    | 3.083   | 3.211   | 3.547  | 3.742   | 3.898   |
| 0.1337                            | 0.8327              | 1             | 3.7853 | -      | -      | 3.0127   | 3.178   | 3.311   | 2.433    | 2.567   | 2.674   | 2.953  | 3.115   | 3.245   |
| 0.0353                            | 0.2200              | 0.2642        | 1      | -      | -      | 0.7960   | 0.8397  | 0.8747  | 0.6426   | 0.6779  | 0.7062  | 0.7804 | 0.8233  | 0.8576  |
| -                                 | -                   | -             | -      | 1      | 0.4536 | 0.3174   | 0.3348  | 0.3488  | 0.3627   | 0.3826  | 0.3986  | 0.2542 | 0.2682  | 0.2793  |
| -                                 | -                   | -             | -      | 2.2046 | 1      | 0.6996   | 0.7382  | 0.7690  | 0.7994   | 0.8436  | 0.8787  | 0.5603 | 0.5912  | 0.6158  |