

| Stoff     | GWP [kg CO2] |                     | Lebensdauer in Jahren | Verwendung bestimmter klimawirksamer Stoffe in 1000 Tonnen CO2-Äquivalente in 2016 gemäß DESTATIS | Davon als Kältemittel | F-Gas-VO, fällt unter die Quotenregelung |
|-----------|--------------|---------------------|-----------------------|---------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------|
|           | DESTATIS     | ASHRAE Fundamentals |                       |                                                                                                   |                       |                                          |
| SF6       | 22.800       |                     | 3.200                 | 21.892                                                                                            | 0                     | Nein                                     |
| NF3       | 17.200       |                     | 740                   | 600                                                                                               | 0                     | Nein                                     |
| R-23      | 14.900       |                     | 222                   | 244                                                                                               | 127                   | Ja                                       |
| R-116     | 12.200       |                     | 10.000                | 443                                                                                               | 0                     | Nein                                     |
| R-14      | 7.390        |                     |                       | 362                                                                                               | 2                     | Nein                                     |
| R-507A    | 3.985        |                     |                       | 370                                                                                               | 370                   | Ja                                       |
| R-404A    | 3.922        |                     |                       | 3.113                                                                                             | 3.113                 | Ja                                       |
| R-227ea   | 3.220        |                     |                       | 294                                                                                               | 6                     | Ja                                       |
| R-410A    | 2.088        |                     |                       | 933                                                                                               | 933                   | Ja                                       |
| R-407A    | 2.017        |                     |                       | 51                                                                                                | 51                    | Ja                                       |
| R-407F    | 1.825        |                     |                       | 80                                                                                                | 80                    | Ja                                       |
| R-407C    | 1.774        |                     |                       | 788                                                                                               | 788                   | Ja                                       |
| R-134a    | 1.430        |                     | 13,4                  | 8.273                                                                                             | 5.905                 | Ja                                       |
| R-32      | 675          |                     | 5,2                   | k.A.                                                                                              |                       | Ja                                       |
| R-600a    |              | 20                  | 0,016                 | k.A.                                                                                              |                       | Nein                                     |
| R-290     |              | 5                   | 0,034                 | k.A.                                                                                              |                       | Nein                                     |
| R-1234yf  | 4            | <1                  | 0,029                 | 2                                                                                                 | 2                     | Nein                                     |
| R-1336mzz | 9            | 2                   | 0,07                  | k.A.                                                                                              |                       | Nein                                     |
| R-744     | 1            |                     | ~500                  | k.A.                                                                                              |                       | Nein                                     |
| R-717     | 0            |                     |                       | k.A.                                                                                              |                       | Nein                                     |