

Substance	GWP [kg CO ₂]		Lifetime in years	Use of particular climate-active substances in 2016, in 1000 tonnes CO ₂ equivalent, according to DESTATIS	Amount used as refrigerant	F-Gas Regulation, comes under quota system
	DESTATIS	ASHRAE Fundamentals				
SF6	22,800		3,200	21,892	0	No
NF3	17,200		740	600	0	No
R-23	14,900		222	244	127	Yes
R-116	12,200		10,000	443	0	No
R-14	7,390			362	2	No
R-507A	3,985			370	370	Yes
R-404A	3,922			3,113	3,113	Yes
R-227ea	3,220			294	6	Yes
R-410A	2,088			933	933	Yes
R-407A	2,017			51	51	Yes
R-407F	1,825			80	80	Yes
R-407C	1,774			788	788	Yes
R-134a	1,430		13.4	8,273	5,905	Yes
R-32	675		5.2	Not specified		Yes
R-600a		20	0.016	Not specified		No
R-290		5	0.034	Not specified		No
R-1234yf	4	<1	0.029	2	2	No
R-1336mzz	9	2	0.07	Not specified		No
R-744	1		~500	Not specified		No
R-717	0			Not specified		No