GASCHECK G GAS TABLE

For indication only. If in doubt, please contact
info@ionscience.com, quoting chemical name, and CAS number

Gas Name	Trade Name	Formula	Molecular Weight	Gas Group
Air				
GAS GROUP 1			4	
GAS GROUP 2			120	
GAS GROUP 3			80	
GAS GROUP 4			50	
GAS GROUP 5			40	
Helium		He	4	**1**
Hydrogen		H2	2.02	**1**
Ammonia		NH3	17.03	**2**
Butane		C4H10	58.12	**2**
Krypton		Kr	83.8	2
Methane		CH4	16.04	2
Neon		Ne	20.18	2
Sulfur dioxide		SO2	64.07	2
Sulfur hexa fluoride		SF6	146.06	**2**
Trichloromethane		CHCl3	119.38	2
1,1,2-Trichlorotrifluoroethane	R113	C2Cl3F3	187.37	2
1,2-Dichlorotetrafluoroethane	R114	C2Cl2F4	170.92	2
Dichlorodifluromethane	R12	CCl2F2	120.91	2
Bromotrifluoromethane	R1301	CBrF3	148.9	2
Chlorodifluromethane	R22	CHF2Cl	86.47	2
refrigerant R 502	R502	CHClF2, CClF2HCF3	111.6	2
Xenon		Xe	131.29	2
Acetone		C3H6O	46.07	3
Argon		Ar	39.95	3
refrigerant R 404a	R404a	R125:143a:134a = 44:52:4	97.6	3
refrigerant R 407c	R407c	R134a: R125: R32 = 40:40:20	86.2	3
refrigerant R 410a	R410a	R125:R32 = 50:50	72.6	3
refrigerant R 507	R507	CF3CH3:CF3CHF2 = 50:50	104	3
refrigerant R 245FA	R245FA	CF3CH2CHF2	134	3
Boron trifluoride		BF3	67.81	3
Carbon dioxide		CO2	44.01	3
Deuterium oxide		D2O	20.04	3
Diethyl ether		C4H10O	74.12	3
Ethanol		C2H5OH	46.07	3
Hexane		C6H14	86.17	3
Hydrogen chloride		HCL	36.46	3
Hydrogen sulphide		H2S	34.08	3
Methanol		CH4O	32.04	3
Nitrous oxide		N2O	44.01	3
Pentane		C5H12	72.15	3
Perfluorocyclobutane	C318	C4F8	200.03	3
Tetra fluoromethane	R14	CF4	88	3
Trichlorofluromethane	R11	CFCl3	137.37	3
Water		H2O	18.02	3
Acetylene		C2H2	26.04	4
Ethane		C2H6	32.08	4
Ethylene Oxide		C2H4O	54	4
Ethylene		C2H4	28.05	4
Isobutane	R600a	C4H10	58.12	4
Propane		C3H8	44.09	**4**
Tetrafluoroethane	R134a	C2H2F4	102.03	**4**
Carbon monoxide		CO	28.01	5
Nitric oxide		NO	30.01	5
Nitrogen		N2	28.01	5
Oxygen		O2	32	5