

ASHRAE Number	Name	Formula	CAS number	GWP
R-10	Tetrachloromethane	CCl ₄	56-23-5	
R-11	Trichlorofluoromethane	CCl ₃ F	75-69-4	
R-12	Dichlorodifluoromethane	CCl ₂ F ₂	75-71-8	
R-12B1	Bromochlorodifluoromethane	CBrClF ₂	353-59-3	
R-12B2	Dibromodifluoromethane	CBr ₂ F ₂	75-61-6	
R-13	Chlorotrifluoromethane	CClF ₃	75-72-9	
R-13B1	Bromotrifluoromethane	CF ₃ Br	75-63-8	
R-14	Tetrafluoromethane	CF ₄	75-73-0	
R-20	Trichloromethane	CHCl ₃	67-66-3	
R-21	Dichlorofluoromethane	CHCl ₂ F	75-43-4	
R-22	Chlorodifluoromethane	CHClF ₂	75-45-6	1700
R-22B1	Bromodifluoromethane	CHBrF ₂	1511-62-2	
R-23	Trifluoromethane	CHF ₃	75-46-7	11,7
R-30	Dichloromethane	CH ₂ Cl ₂	75-09-2	
R-31	Chlorofluoromethane	CH ₂ ClF	593-70-4	
R-32	Difluoromethane	CH ₂ F ₂	75-10-5	650
R-40	Chloromethane	CH ₃ Cl	74-87-3	

R-41	Fluoromethane	CH ₃ F	593-53-3	150
R-50	Methane	CH ₄	74-82-8	
R-110	Hexachloroethane	C ₂ Cl ₆	67-72-1	
R-111	Pentachlorofluoroethane	C ₂ FCl ₅	354-56-3	
R-112	1,1,2,2-Tetrachloro-1,2-difluoroethane	C ₂ F ₂ Cl ₄	76-12-0	
R-112a	1,1,1,2-Tetrachloro-2,2-difluoroethane	C ₂ F ₂ Cl ₄	76-11-9	
R-113	1,1,2-Trichlorotrifluoroethane	C ₂ F ₃ Cl ₃	76-13-1	
R-113a	1,1,1-Trichlorotrifluoroethane	C ₂ F ₃ Cl ₃	354-58-5	
R-114	1,2-Dichlorotetrafluoroethane	C ₂ F ₄ Cl ₂	76-14-2	
R-114a	1,1-Dichlorotetrafluoroethane	C ₂ F ₄ Cl ₂	374-07-2	
R-114B2	Dibromotetrafluoroethane	C ₂ F ₄ Br ₂	124-73-2	
R-115	Chloropentafluoroethane	C ₂ F ₅ Cl	76-15-3	
R-116	Hexafluoroethane	C ₂ F ₆	76-16-4	
R-120	Pentachloroethane	C ₂ HCl ₅	76-01-7	
R-121	1,1,2,2-Tetrachloro-1-fluoroethane	C ₂ HFC ₄	354-14-3	

R-121a	1,1,1,2-Tetrachloro-2-fluoroethane	C ₂ HFCl ₄	354-11-0	
R-122	1,1,2-Trichloro-2,2-difluoroethane	C ₂ HF ₂ Cl ₃	354-21-2	
R-122a	1,1,2-Trichloro-1,2-difluoroethane	C ₂ HF ₂ Cl ₃	354-15-4	
R-122b	1,1,1-Trichloro-2,2-difluoroethane	C ₂ HF ₂ Cl ₃	354-12-1	
R-123	2,2-Dichloro-1,1,1-trifluoroethane	C ₂ HF ₃ Cl ₂	306-83-2	
R-123a	1,2-Dichloro-1,1,2-trifluoroethane	C ₂ HF ₃ Cl ₂	354-23-4	
R-123b	1,1-Dichloro-1,2,2-trifluoroethane	C ₂ HF ₃ Cl ₂	812-04-4	
R-124	2-Chloro-1,1,1,2-tetrafluoroethane	C ₂ HF ₄ Cl	2837-89-0	
R-124a	1-Chloro-1,1,2,2-tetrafluoroethane	C ₂ HF ₄ Cl	354-25-6	
R-125	Pentafluoroethane	C ₂ HF ₅	354-33-6	2,8
R-E125	(Difluoromethoxy)(trifluoro)methane	C ₂ HF ₅ O	3822-68-2	

R-130	1,1,2,2-Tetrachloroethane	C ₂ H ₂ Cl ₄	79-34-5	
R-130a	1,1,1,2-Tetrachloroethane	C ₂ H ₂ Cl ₄	630-20-6	
R-131	1,1,2-trichloro-2-fluoroethane	C ₂ H ₂ FCl ₃	359-28-4	
R-131a	1,1,2-trichloro-1-fluoroethane	C ₂ H ₂ FCl ₃	811-95-0	
R-131b	1,1,1-trichloro-2-fluoroethane	C ₂ H ₂ FCl ₃	2366-36-1	
R-132	Dichlorodifluoroethane	C ₂ H ₂ F ₂ Cl ₂	25915-78-0	
R-132a	1,1-Dichloro-2,2-difluoroethane	C ₂ H ₂ F ₂ Cl ₂	471-43-2	
R-132b	1,2-Dichloro-1,1-difluoroethane	C ₂ H ₂ F ₂ Cl ₂	1649-08-7	
R-132c	1,1-Dichloro-1,2-difluoroethane	C ₂ H ₂ F ₂ Cl ₂	1842-05-3	
R-132bB2	1,2-Dibromo-1,1-difluoroethane	C ₂ H ₂ Br ₂ F ₂	75-82-1	
R-133	1-Chloro-1,2,2-Trifluoroethane	C ₂ H ₂ F ₃ Cl	431-07-2	

R-133a	1-Chloro-2,2,2-Trifluoroethane	C ₂ H ₂ F ₃ Cl	75-88-7	
R-133b	1-Chloro-1,1,2-Trifluoroethane	C ₂ H ₂ F ₃ Cl	421-04-5	
R-134	1,1,2,2-Tetrafluoroethane	C ₂ H ₂ F ₄	359-35-3	1
R-134a	1,1,1,2-Tetrafluoroethane	C ₂ H ₂ F ₄	811-97-2	1,3
R-E134	Bis(difluoromethyl)ether	C ₂ H ₂ F ₄ O	1691-17-4	
R-140	1,1,2-Trichloroethane	C ₂ H ₃ Cl ₃	79-00-5	
R-140a	1,1,1-Trichloroethane	C ₂ H ₃ Cl ₃	71-55-6	
R-141	1,2-Dichloro-1-fluoroethane	C ₂ H ₃ FCl ₂	430-57-9	
R-141B2	1,2-Dibromo-1-fluoroethane	C ₂ H ₃ Br ₂ F	358-97-4	
R-141a	1,1-Dichloro-2-fluoroethane	C ₂ H ₃ FCl ₂	430-53-5	
R-141b	1,1-Dichloro-1-fluoroethane	C ₂ H ₃ FCl ₂	1717-00-6	
R-142	Chlorodifluoroethane	C ₂ H ₃ F ₂ Cl	25497-29-4	
R-142a	1-Chloro-1,2-difluoroethane	C ₂ H ₃ F ₂ Cl	25497-29-4	

R-142b	1-Chloro-1,1-difluoroethane	C ₂ H ₃ F ₂ Cl	75-68-3	
R-143	1,1,2-Trifluoroethane	C ₂ H ₃ F ₃	430-66-0	300
R-143a	1,1,1-Trifluoroethane	C ₂ H ₃ F ₃	420-46-2	3,8
R-143m	Methyl trifluoromethyl ether	C ₂ H ₃ F ₃ O	421-14-7	
R-E143a	2,2,2-Trifluoroethyl methyl ether	C ₃ H ₅ F ₃ O	460-43-5	
R-150	1,2-Dichloroethane	C ₂ H ₄ Cl ₂	107-06-2	
R-150a	1,1-Dichloroethane	C ₂ H ₄ Cl ₂	75-34-3	
R-151	Chlorofluoroethane	C ₂ H ₄ ClF	110587-14-9	
R-151a	1-Chloro-1-fluoroethane	C ₂ H ₄ ClF	1615-75-4	
R-152	1,2-Difluoroethane	C ₂ H ₄ F ₂	624-72-6	
R-152a	1,1-Difluoroethane	C ₂ H ₄ F ₂	75-37-6	140
R-160	Chloroethane	C ₂ H ₅ Cl	75-00-3	
R-161	Fluoroethane	C ₂ H ₅ F	353-36-6	
R-170	Ethane	C ₂ H ₆	74-84-0	
R-211	1,1,1,2,2,3,3-Heptachloro-3-fluoropropane	C ₃ Cl ₇ F	422-78-6	

R-212	Hexachlorodifluoropropane	C3F2Cl6	76546-99-3	
R-213	1,1,1,3,3-Pentachloro-2,2,3-trifluoropropane	C3F3Cl5	6.05.2354	
R-214	1,2,2,3-Tetrachloro-1,1,3,3-tetrafluoropropane	C3F4Cl4	2268-46-4	
R-215	1,1,1-Trichloro-2,2,3,3,3-pentafluoropropane	C3F5Cl3	4259-43-2	
R-216	1,2-Dichloro-1,1,2,3,3,3-hexafluoropropane	C3F6Cl2	661-97-2	
R-216ca	1,3-Dichloro-1,1,2,2,3,3-hexafluoropropane	C3F6Cl2	662-01-1	
R-217	1-Chloro-1,1,2,2,3,3,3-heptafluoropropane	C3F7Cl	422-86-6	
R-217ba	2-Chloro-1,1,1,2,3,3,3-heptafluoropropane	C3F7Cl	76-18-6	
R-218	Octafluoropropane	C3F8	76-19-7	

R-221	1,1,1,2,2,3- Hexachloro-3- fluoropropane	C ₃ HFCl ₆	422-26-4	
R-222	Pentachlorodiflu oropropane	C ₃ HF ₂ Cl ₅	134237-36-8	
R-222c	1,1,1,3,3- Pentachloro-2,2- difluoropropane	C ₃ HF ₂ Cl ₅	422-49-1	
R-223	Tetrachlorotrifluo ropropane	C ₃ HF ₃ Cl ₄	134237-37-9	
R-223ca	1,1,3,3- Tetrachloro-1,2,2- trifluoropropane	C ₃ HF ₃ Cl ₄	422-52-6	
R-223cb	1,1,1,3- Tetrachloro-2,2,3- trifluoropropane	C ₃ HF ₃ Cl ₄	422-50-4	
R-224	Trichlorotetraflu oropropane	C ₃ HF ₄ Cl ₃	134237-38-0	
R-224ca	1,3,3-Trichloro- 1,1,2,2- tetrafluoropropa ne	C ₃ HF ₄ Cl ₃	422-54-8	
R-224cb	1,1,3-Trichloro- 1,2,2,3- tetrafluoropropa ne	C ₃ HF ₄ Cl ₃	422-53-7	
R-224cc	1,1,1-Trichloro- 2,2,3,3- tetrafluoropropa ne	C ₃ HF ₄ Cl ₃	422-51-5	
R-225	Dichloropentaflu oropropane	C ₃ HF ₅ Cl ₂	127564-92-5	

R-225aa	2,2-Dichloro-1,1,1,3,3-pentafluoropropane	C ₃ HF ₅ Cl ₂	128903-21-9	
R-225ba	2,3-Dichloro-1,1,1,2,3-pentafluoropropane	C ₃ HF ₅ Cl ₂	422-48-0	
R-225bb	1,2-Dichloro-1,1,2,3,3-pentafluoropropane	C ₃ HF ₅ Cl ₂	422-44-6	
R-225ca	3,3-Dichloro-1,1,1,2,2-pentafluoropropane	C ₃ HF ₅ Cl ₂	422-56-0	
R-225cb	1,3-Dichloro-1,1,2,2,3-pentafluoropropane	C ₃ HF ₅ Cl ₂	507-55-1	
R-225cc	1,1-Dichloro-1,2,2,3,3-pentafluoropropane	C ₃ HF ₅ Cl ₂	13474-88-9	
R-225da	1,2-Dichloro-1,1,3,3,3-pentafluoropropane	C ₃ HF ₅ Cl ₂	431-86-7	
R-225ea	1,3-Dichloro-1,1,2,3,3-pentafluoropropane	C ₃ HF ₅ Cl ₂	136013-79-1	

R-225eb	1,1-Dichloro-1,2,3,3,3-pentafluoropropane	C ₃ HF ₅ Cl ₂	111512-56-2	
R-226	Chlorohexafluoropropane	C ₃ HF ₆ Cl	134308-72-8	
R-226ba	2-Chloro-1,1,1,2,3,3-hexafluoropropane	C ₃ HF ₆ Cl	51346-64-6	
R-226ca	3-Chloro-1,1,1,2,2,3-hexafluoropropane	C ₃ HF ₆ Cl	422-57-1	
R-226cb	1-Chloro-1,1,2,2,3,3-hexafluoropropane	C ₃ HF ₆ Cl	422-55-9	
R-226da	2-Chloro-1,1,1,3,3,3-hexafluoropropane	C ₃ HF ₆ Cl	431-87-8	
R-226ea	1-Chloro-1,1,2,3,3,3-hexafluoropropane	C ₃ HF ₆ Cl	359-58-0	
R-227ca	1,1,2,2,3,3,3-Heptafluoropropane	C ₃ HF ₇	2252-84-8	
R-227ca2	Trifluoromethyl 1,1,2,2-tetrafluoroethyl ether	C ₃ HF ₇ O	2356-61-8	
R-227ea	1,1,1,2,3,3,3-Heptafluoropropane	C ₃ HF ₇	431-89-0	2,9

R-227me	Trifluoromethyl 1,2,2,2- tetrafluoroethyl ether	C ₃ H ₂ F ₇ O	2356-62-9	
R-231	Pentachlorofluor opropane	C ₃ H ₂ FCl ₅	134190-48-0	
R-232	Tetrachlorodifluo ropropane	C ₃ H ₂ F ₂ Cl ₄	134237-39-1	
R-232ca	1,1,3,3- Tetrachloro-2,2- difluoropropane	C ₃ H ₂ F ₂ Cl ₄	1112-14-7	
R-232cb	1,1,1,3- Tetrachloro-2,2- difluoropropane	C ₃ H ₂ F ₂ Cl ₄	677-54-3	
R-233	Trichlorotrifluoro propane	C ₃ H ₂ F ₃ Cl ₃	134237-40-4	
R-233ca	1,1,3-Trichloro- 2,2,3- trifluoropropane	C ₃ H ₂ F ₃ Cl ₃	131221-36-8	
R-233cb	1,1,3-Trichloro- 1,2,2- trifluoropropane	C ₃ H ₂ F ₃ Cl ₃	421-99-8	
R-233cc	1,1,1-Trichloro- 2,2,3- trifluoropropane	C ₃ H ₂ F ₃ Cl ₃	131211-71-7	
R-234	Dichlorotetrafluo ropropane	C ₃ H ₂ F ₄ Cl ₂	127564-83-4	
R-234aa	2,2-Dichloro- 1,1,3,3- tetrafluoropropa ne	C ₃ H ₂ F ₄ Cl ₂	17705-30-5	

R-234ab	2,2-Dichloro- 1,1,1,3- tetrafluoropropa ne	C3H2F4Cl2	149329-24-8	
R-234ba	1,2-Dichloro- 1,2,3,3- tetrafluoropropa ne	C3H2F4Cl2	425-94-5	
R-234bb	2,3-Dichloro- 1,1,1,2- tetrafluoropropa ne	C3H2F4Cl2	149329-25-9	
R-234bc	1,2-Dichloro- 1,1,2,3- tetrafluoropropa ne	C3H2F4Cl2	149329-26-0	
R-234ca	1,3-Dichloro- 1,2,2,3- tetrafluoropropa ne	C3H2F4Cl2	70341-81-0	
R-234cb	1,1-Dichloro- 2,2,3,3- tetrafluoropropa ne	C3H2F4Cl2	1.06.4071	
R-234cc	1,3-Dichloro- 1,1,2,2- tetrafluoropropa ne	C3H2F4Cl2	422-00-5	
R-234cd	1,1-Dichloro- 1,2,2,3- tetrafluoropropa ne	C3H2F4Cl2	70192-63-1	
R-234da	2,3-Dichloro- 1,1,1,3- tetrafluoropropa ne	C3H2F4Cl2	146916-90-7	
R-234fa	1,3-Dichloro- 1,1,3,3- tetrafluoropropa ne	C3H2F4Cl2	76140-39-1	

R-234fb	1,1-Dichloro-1,3,3,3-tetrafluoropropane	C ₃ H ₂ F ₄ Cl ₂	64712-27-2	
R-235	Chloropentafluoropropane	C ₃ H ₂ F ₅ Cl	134237-41-5	
R-235ca	1-Chloro-1,2,2,3,3-pentafluoropropane	C ₃ H ₂ F ₅ Cl	28103-66-4	
R-235cb	3-Chloro-1,1,1,2,3-pentafluoropropane	C ₃ H ₂ F ₅ Cl	422-02-6	
R-235cc	1-Chloro-1,1,2,2,3-pentafluoropropane	C ₃ H ₂ F ₅ Cl	679-99-2	
R-235da	2-Chloro-1,1,1,3,3-pentafluoropropane	C ₃ H ₂ F ₅ Cl	134251-06-2	
R-235fa	1-Chloro-1,1,3,3,3-pentafluoropropane	C ₃ H ₂ F ₅ Cl	677-55-4	
R-236cb	1,1,1,2,2,3-Hexafluoropropane	C ₃ H ₂ F ₆	677-56-5	
R-236ea	1,1,1,2,3,3-Hexafluoropropane	C ₃ H ₂ F ₆	431-63-0	
R-236fa	1,1,1,3,3,3-Hexafluoropropane	C ₃ H ₂ F ₆	690-39-1	6,3

R-236me	1,2,2,2-Tetrafluoroethyl difluoromethyl ether	C ₃ H ₂ F ₆ O	57041-67-5	
R-FE-36	Hexafluoropropane	C ₃ H ₂ F ₆	359-58-0	
R-241	Tetrachlorofluoropropane	C ₃ H ₃ FCl ₄	134190-49-1	
R-242	Trichlorodifluoropropane	C ₃ H ₃ F ₂ Cl ₃	134237-42-6	
R-243	Dichlorotrifluoropropane	C ₃ H ₃ F ₃ Cl ₂	134237-43-7	
R-243ca	1,3-Dichloro-1,2,2-trifluoropropane	C ₃ H ₃ F ₃ Cl ₂	67406-68-2	
R-243cb	1,1-Dichloro-2,2,3-trifluoropropane	C ₃ H ₃ F ₃ Cl ₂	70192-70-0	
R-243cc	1,1-Dichloro-1,2,2-trifluoropropane	C ₃ H ₃ F ₃ Cl ₂	7125-99-7	
R-243da	2,3-Dichloro-1,1,1-trifluoropropane	C ₃ H ₃ F ₃ Cl ₂	338-75-0	
R-243ea	1,3-Dichloro-1,2,3-trifluoropropane	C ₃ H ₃ F ₃ Cl ₂	151771-08-3	
R-243ec	1,3-Dichloro-1,1,2-trifluoropropane	C ₃ H ₃ F ₃ Cl ₂	149329-27-1	

R-244	Chlorotetrafluoropropane	C ₃ H ₃ F ₄ Cl	134190-50-4	
R-244ba	2-Chloro-1,2,3,3-tetrafluoropropane	C ₃ H ₃ F ₄ Cl		
R-244bb	2-Chloro-1,1,1,2-tetrafluoropropane	C ₃ H ₃ F ₄ Cl	421-73-8	
R-244ca	3-Chloro-1,1,2,2-tetrafluoropropane	C ₃ H ₃ F ₄ Cl	679-85-6	
R-244cb	1-Chloro-1,2,2,3-tetrafluoropropane	C ₃ H ₃ F ₄ Cl	67406-66-0	
R-244cc	1-Chloro-1,1,2,2-tetrafluoropropane	C ₃ H ₃ F ₄ Cl	421-75-0	
R-244da	2-Chloro-1,1,3,3-tetrafluoropropane	C ₃ H ₃ F ₄ Cl	19041-02-2	
R-244db	2-Chloro-1,1,1,3-tetrafluoropropane	C ₃ H ₃ F ₄ Cl	117970-90-8	
R-244ea	3-Chloro-1,1,2,3-tetrafluoropropane	C ₃ H ₃ F ₄ Cl		
R-244eb	3-Chloro-1,1,1,2-tetrafluoropropane	C ₃ H ₃ F ₄ Cl		
R-244ec	1-Chloro-1,1,2,3-tetrafluoropropane	C ₃ H ₃ F ₄ Cl		
R-244fa	3-Chloro-1,1,1,3-tetrafluoropropane	C ₃ H ₃ F ₄ Cl		

R-244fb	1-Chloro-1,1,3,3-tetrafluoropropane	C3H3F4Cl	2730-64-5	
R-245ca	1,1,2,2,3-Pentafluoropropane	C3H3F5	679-86-7	560
R-245cb	Pentafluoropropane	C3H3F5	1814-88-6	
R-245ea	1,1,2,3,3-Pentafluoropropane	C3H3F5	24270-66-4	
R-245eb	1,1,1,2,3-Pentafluoropropane	C3H3F5	431-31-2	
R-245fa	1,1,1,3,3-Pentafluoropropane	C3H3F5	460-73-1	900
R-245mc	Methyl pentafluoroethyl ether	C3H3F5O	22410-44-2	
R-245mf	Difluoromethyl 2,2,2-trifluoroethyl ether	C3H3F5O	1885-48-9	
R-245qc	Difluoromethyl 1,1,2-trifluoroethyl ether	C3H3F5O	69948-24-9	
R-251	Trichlorofluoropropane	C3H4FCl3	134190-51-5	
R-252	Dichlorodifluoropropane	C3H4F2Cl2	134190-52-6	
R-252ca	1,3-Dichloro-2,2-difluoropropane	C3H4F2Cl2	1112-36-3	

R-252cb	1,1-Dichloro-2,2-difluoropropane	C ₃ H ₄ F ₂ Cl ₂	1112-01-2	
R-252dc	1,2-Dichloro-1,1-difluoropropane	C ₃ H ₄ F ₂ Cl ₂		
R-252ec	1,1-Dichloro-1,2-difluoropropane	C ₃ H ₄ F ₂ Cl ₂		
R-253	Chlorotrifluoropropane	C ₃ H ₄ F ₃ Cl	134237-44-8	
R-253ba	2-Chloro-1,2,3-trifluoropropane	C ₃ H ₄ F ₃ Cl		
R-253bb	2-Chloro-1,1,2-trifluoropropane	C ₃ H ₄ F ₃ Cl		
R-253ca	1-Chloro-2,2,3-trifluoropropane	C ₃ H ₄ F ₃ Cl	56758-54-4	
R-253cb	1-Chloro-1,2,2-trifluoropropane	C ₃ H ₄ F ₃ Cl	70192-76-6	
R-253ea	3-Chloro-1,1,2-trifluoropropane	C ₃ H ₄ F ₃ Cl		
R-253eb	1-Chloro-1,2,3-trifluoropropane	C ₃ H ₄ F ₃ Cl		
R-253ec	1-Chloro-1,1,2-trifluoropropane	C ₃ H ₄ F ₃ Cl		
R-253fa	3-Chloro-1,3,3-trifluoropropane	C ₃ H ₄ F ₃ Cl		

R-253fb	3-Chloro-1,1,1-trifluoropropane	C ₃ H ₄ F ₃ Cl	460-35-5	
R-253fc	1-Chloro-1,1,3-trifluoropropane	C ₃ H ₄ F ₃ Cl		
R-254cb	1,1,2,2-Tetrafluoropropane	C ₃ H ₂ F ₄	40723-63-5	
R-254pc	Methyl 1,1,2,2-tetrafluoroethyl ether	C ₃ H ₄ F ₄ O	425-88-7	
R-261	Dichlorofluoropropane	C ₃ H ₅ FCl ₂	134237-45-9	
R-261ba	1,2-Dichloro-2-fluoropropane	C ₃ H ₅ FCl ₂	420-97-3	
R-262	Chlorodifluoropropane	C ₃ H ₅ F ₂ Cl	134190-53-7	
R-262ca	1-Chloro-2,2-difluoropropane	C ₃ H ₅ F ₂ Cl	420-99-5	
R-262fa	3-Chloro-1,1-difluoropropane	C ₃ H ₅ F ₂ Cl		
R-262fb	1-Chloro-1,3-difluoropropane	C ₃ H ₅ F ₂ Cl		
R-263	Trifluoropropane	C ₃ H ₃ F ₃		
R-271	Chlorofluoropropane	C ₃ H ₆ FCl	134190-54-8	
R-271b	2-Chloro-2-fluoropropane	C ₃ H ₆ FCl	420-44-0	

R-271d	2-Chloro-1-fluoropropane	C3H6FCl		
R-271fb	1-Chloro-1-fluoropropane	C3H6FCl		
R-272	Difluoropropane	C3H6F2		
R-281	Fluoropropane	C3H7F		
R-290	Propane	C3H8	74-98-6	
R-C316	Dichlorohexafluorocyclobutane	C4Cl2F6	356-18-3	
R-C317	Chloroheptafluorocyclobutane	C4ClF7	377-41-3	
R-C318	Octafluorocyclobutane	C4F8	115-25-3	
R-3-1-10	Decafluorobutane	C4F10		
R-329ccb			375-17-7	
R-338eea			75995-72-1	
R-347ccd			662-00-0	
R-347mcc	Perfluoropropyl methyl ether	C4H3F7O	375-03-1	
R-347mmy	Perfluoroisopropyl methyl ether	C4H3F7O	22052-84-2	
R-356mcf				
R-356mffm				
R-365mfc	1,1,1,3,3-Pentafluorobutane	C4H5F5		
FC-72	Tetradecafluorohexane	C6F14	355-42-0	

R-400	R-12/R-114 (60/40 wt%)	binary blend		
R-401A	R-22/R-152a/R-124 (53/13/34)			18
R-401B	R-22/R-152a/R-124 (61/11/28)			15
R-401C	R-22/R-152a/R-124 (33/15/52)			21
R-402A	R-125/R-290/R-22 (60/2/38)			1,68
R-402B	R-125/R-290/R-22 (38/2/60)			1,064
R-403A	R-290/R-22/R-218 (5/75/20)			1,4
R-403B	R-290/R-22/R-218 (5/56/39)			2,73
R-404A	R-125/R-143a/R-134a (44/52/4)			3,26
R-405A	R-22/R-152a/R-142b/R-C318 (45/7/5.5/42.5)			
R-406A	R-22/R-600a/R-142b (55/04/41)			0

R-407A	R-32/R-125/R-134a (20/40/40)			1,77
R-407B	R-32/R-125/R-134a (10/70/20)			2,285
R-407C	R-32/R-125/R-134a (23/25/52)			1,526
R-407D	R-32/R-125/R-134a (15/15/70)			1,428
R-407E	R-32/R-125/R-134a (25/15/60)			1,363
R-408A	R-125/R-143a/R-22 (7/46/47)			1,944
R-409A	R-22/R-124/R-142b (60/25/15)			0
R-409B	R-22/R-124/R-142b (65/25/10)			0
R-410A	R-32/R-125 (50/50)			1,725
R-410B	R-32/R-125 (45/55)			1,833
R-411A	R-1270/R-22/R-152a (1.5/87.5/11)			15

R-411B	R-1270/R-22/R-152a (3/94/3)			4
R-412A	R-22/R-218/R-142b (70/5/25)			350
R-413A	R-218/R-134a/R-600a (9/88/3)			1,774
R-414A	R-22/R-124/R-600a/R-142b (51/28.5/4.0/16.5)			0
R-414B	R-22/R-124/R-600a/R-142b (50/39/1.5/9.5)			0
R-415A	R-22/R-152a (82/18)			25
R-415B	R-22/R-152a (25/75)			105
R-416A	R-134a/R-124/R-600 (59/39.5/1.5)			767
R-417A	R-125/R-134a/R-600 (46.6/50.0/3.4)			1,955
R-418A	R-290/R-22/R-152a (1.5/96/2.5)			4
R-419A	R-125/R-134a/R-E170 (77/19/4)			2,403

R-420A	R-134a/R-142b (88/12)			1,144
R-421A	R-125/R-134a (58/42)			
R-421B	R-125/R-134a (85/15)			
R-422A	R-125/R-134a/R- 600a (85.1/11.5/3.4)			
R-422B	R-125/R-134a/R- 600a (55/42/3)			
R-422C	R-125/R-134a/R- 600a (82/15/3)			
R-422D	R-125/R-134a/R- 600a (65.1/31.5/3.4)			
R-423A	R-134a/R-227ea (52.5/47.5)			
R-424A	R-125/R-134a/R- 600a/R-600/R- 601a (50.5/47/.9/1/.6)			
R-425A	R-32/R-134a/R- 227ea (18.5/69.5/12)			
R-426A	R-125/R-134a/R- 600/R-601a (5.1/93/1.3/.6)			

R-427A	R-32/R-125/R-143a/R-134a (15/25/10/50)			
R-428A	R-125/R-143a/R-290/R-600a (77.5/20/.6/1.9)			
R-500	R-12/R-152a (73.8/26.2)			37
R-501	R-22/R-12 (75/25)			0
R-502	R-22/R-115 (48.8/51.2)			0
R-503	R-23/R-13 (40.1/59.9)			4,692
R-504	R-32/R-115 (48.2/51.8)			313
R-505	R-12/R-31 (78/22)			0
R-506	R-31/R-114 (55.1/44.9)			0
R-507	R-125/R-143a (50/50)			3,3
R-508A	R-23/R-116 (39/61)			10,175
R-508B	R-23/R-116 (46/54)			10,35
R-509A	R-22/R-218 (44/56)			3,92

R-600	Butane	CH ₃ CH ₂ CH ₂ CH ₃	106-97-8	
R-600a	Isobutane	CH(CH ₃) ₂ CH ₃	75-28-5	
R-601	Pentane	CH ₃ CH ₂ CH ₂ CH ₂ CH ₃	109-66-0	
R-601a	Isopentane	(CH ₃) ₂ CHCH ₂ CH ₃	78-78-4	
R-610	Diethyl ether	C ₂ H ₅ OC ₂ H ₅	60-29-7	
R-611	Methyl formate	C ₂ H ₄ O	107-31-3	
R-630	Methylamine	CH ₃ NH ₂	74-89-5	
R-631	Ethylamine	C ₂ H ₅ NH ₂	75-04-7	
R-702	Hydrogen	H ₂	1333-74-0	
R-704	Helium	He	7440-59-7	
R-717	Ammonia	NH ₃	7664-41-7	
R-718	Water	H ₂ O	7732-18-5	
R-720	Neon	Ne	1.09.7440	
R-728	Nitrogen	N ₂	7727-37-9	
R-732	Oxygen	O ₂	7782-44-7	
R-740	Argon	Ar	7440-37-1	
R-744	Carbon dioxide	CO ₂	124-38-9	1
R-744A	Nitrous oxide	N ₂ O	10024-97-2	
R-764	Sulfur dioxide	SO ₂	9.05.7446	
R-784	Krypton	Kr	7439-90-9	
R-1112a	1,1-Dichloro-2,2-difluoroethylene	C ₂ Cl ₂ F ₂	79-35-6	
R-1113	Chlorotrifluoroethylene	C ₂ ClF ₃	79-38-9	

R-1114	Tetrafluoroethylene	C ₂ F ₄	116-14-3	
R-1120	Trichloroethylene	C ₂ HCl ₃	79-01-6	
R-1130	cis-1,2-Dichloroethylene	C ₂ H ₂ Cl ₂	156-59-2	
R-1132	1,1-Difluoroethylene	C ₂ H ₂ F ₂	75-38-7	
R-1140	Chloroethylene	C ₂ H ₃ Cl	75-01-4	
R-1141	Fluoroethylene	C ₂ H ₃ F	75-02-5	
R-1150	Ethylene	C ₂ H ₄	74-85-1	
R-1216	Hexafluoropropylene	C ₃ F ₆	116-15-4	
R-1270	Propylene	C ₃ H ₆	115-07-1	

