

Name of F-Gas	Chemical Formula	Aloha Plant Emissions Metric Tons	Ronler Plant Emissions Metric Tons	Total Emissions Metric Tons	Lifetime (Years)	GWP 20-year	GWP 100-year	Total Metric Tons CO2e	GWP	Source for GWP and Lifetime if available							
HFC-32	CH2F2	0.0010	0.0430	0.0440	5.2	2430	677	106.9200	20 yr	IPCC Fifth Assessment Report, Appendix 8.A, Chapter 8							
HFE-569sf2, (HFE-7200) Isomer blend	C4F9OC2H5, (CF3)2CFCF2OC2H5	1.1700	0.8800	2.0500	0.8	209	57	185.0900	20 yr	See 2K above							
HCF-41	CH3F	0.0070	0.2690	0.2760	2.8	427	116	117.8520	20 yr	See 2K above							
FC-3283/FC-8270 (Perfluoro-triisopropylamine) (PTPA)	(C3F7)3N	0.5700	0.0000	0.5700			8,690	4953.3000	100 yr	78 FR 20635							
Nitrogen trifluoride	NF3	0.1460	1.3890	1.5350	500.0	12800	16,100	24713.5000	100 yr	See 2K above							
HFE-7500 (3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-trifluoromethyl-hexane)	CF3CF2CF2CF(OC2H5)CF(CF3)2	1.2800	2.8100	4.0900			100	409.0000	100 yr	78 FR 20635							
HFC-23	CHF3	0.0220	1.3000	1.3220	222.0	10800	12,400	16392.8000	100 yr	See 2K above							
PFC-14 (Perfluoromethane)	CF4	0.3850	6.7550	7.1400	50000.0	4880	6,630	47338.2000	100 yr	See 2K above							
PFC-116 (Perfluoroethane)	C2F6	0.0400	1.2700	1.3100	10000.0	8210	11,100	14541.0000	100 yr	See 2K above							
FC-770 (Perfluoro-isopropyl morpholine) [PIPM]	C5F15NO [sic C7F15NO]	0.0000	0.0800	0.0800			11,000	880.0000	100 yr	78 FR 20635							
[sic Galden] DO2-TS	CF3(OCFCF3CF2)n-(OCF2)m-OCF3	0.0000	0.1100	0.1100			10,000	1100.0000	100 yr	https://www.govinfo.gov/content/pkg/FR-2013-04-05/pdf/2013-07977.pdf							
Perfluorobuta-1,3-diene	CF2=CFCF=CF2	0.0000	0.0380	0.0380	1.1 days	< 1	<1	0.0380	20 yr	See 2K above							
HFE-449sl, (HFE-7100) Isomer blend	C4F9OCH3, (CF3)2CFCF2OCH3	0.0000	0.1700	0.1700	4.7	1530	421	9.8838	20 yr	See 2K above							
Sulfur hexafluoride	SF6	0.0000	0.5790	0.5790	3200.0	17500	23,500	13606.5000	100 yr	See 2K above							
Perfluorocyclobutane (PFC-318)	C-C4F8	0.0000	0.2560	0.2560	3200.0	7110	9,540	2442.2400	100 yr	See 2K above							
FC-40/FC-43 (Perfluoro-tributylamine (PFTBA))	(C4F9)3N	0.0000	0.3700	0.3700	500.0		7035	2602.9500	100 yr	http://multi-media.3m.com/mws/mediawebservices/666666Utn&ZUxL99XIXTXO8TXOVu9KcuZgVU_	https://cen.acs.org/articles/91/i46/Greenhouse-Gases-Keep-Popping.html	http://www.atmosphere.utoronto.ca/people/strong/papers/R124_2016_Godin_JMS.pdf	https://en.wikipedia.org/wiki/Fluorinert				
TOTAL				19.9400				129399.2738									
Yellow cells indicate information we do not have at this time.																	