



Refrigerants — List of Blended Compounds

Part 3 of 3

January 2015

ASHRAE Number	Type	Chemical Name	ASHRAE 34 Safety Group	Trade Name	Atmosphere Life (years)	ODP	GWP	Suggested Replacement
R-401A	HCFC	R-22/R-152a/R-124	A1	MP39	8.51	0.03398	1,288	R-12
R-401B	HCFC	R-22/R-152a/R-124	A1	MP66	9.09	0.03666	1,288	R-12, R-500
R-402A	HCFC	R-125/R-290/R-22	A1	HP80	22.2	0.019	2,788	R-502
R-402B	HCFC	R-125/R-290/R-22	A1	HP81	18.46	0.03	2,416	R-502
R-403A	HCFC	R-290/R-22/R-218	A1	ISCEON® 69-S	529.6	0.0375	3,124	
R-403B	HCFC	R-290/R-22/R-218	A1	ISCEON® 69-L	1021	0.028	4,457	
R-404A	HFC	R-125/R-143a/R-134a	A1	HP62, FX-70	40.36	0	3,922	R-12, R-22, R-502
R-405A	HCFC	R-22/R-152a/R-142b/R-C318		Greencool G2015	1,366	0.02635	5,328	
R-406A	HCFC	R-22/R-600a/R-142b	A2	GHG	14.42	0.0562	1,943	
R-406B	HCFC	R-22/R-600a/R-142b		GHG-HP	23.59	0	2,804	
R-407A	HFC	R-32/R-125/R-134a	A1	Klea® 60	18.18	0	2,107	R-502, R-22
R-407B	HFC	R-32/R-125/R-134a	A1	Klea® 61	23.59	0	2,804	
R-407C	HFC	R-32/R-125/R-134a	A1		15.66	0	1,774	R-22
R-407D	HFC	R-32/R-125/R-134a	A1		14.89	0	1,627	R-12, R-500
R-407F	HFC	R-32/R-125/R-134a	A1	Performax LT	15.77	0	1,825	R-22, R-502, R-507
R-408A	HCFC	R-125/R-143a/R-22	A1	FX-10	31.59	0.0235	3,152	R-502
R-409A	HCFC	R-22/R-124/R-142b	A1	FX-56	11.34	0.046	1,585	R-12
R-409B	HCFC	R-22/R-124/R-142b	A1	FX-57	11.04	0.045	1,560	
R-410A	HFC	R-32/R-125 (50/50)	A1	AZ-20	16.95	0	2,088	R-22, R-13B1
R-411A	HCFC	R-1270/R-22/R-152a	A2	Greencool G2018a	10.83	0.0438	1,597	
R-411B	HCFC	R-1270/R-22/R-152a	A2	Greencool G2018b	11.68	0.047	1,705	
R-411C	HCFO	R-1270/R-22/R-152a		Greencool G2018c	11.84	0.0478	1,730	
R-412A	HCFC	R-22/R-218/R-142b	A2	Arcton TP5R	142.88	0.0525	2,286	R-503
R-413A	HFC	R-218/R-134a/R-600a	A2	MO-49	246.68	0	2,053	
R-414A	HCFC	R-22/R-124/R-142b/R-600a	A1	GHG-X4, Autofrost	11.21	0.04332	1,478	R-12
R-414B	HCFC	R-22/R-124/R-142b/R-600a	A1	Hot Shot, Kar Kool	10.14	0.04023	1,362	R-12
R-416A	HCFC	R-134a/R124/R-600	A1	FRIGC (FR-12)	10.73	0.01	1,084	R-12
R-417A	HFC	R-125/R-134a/R-600	A1	MO-59, NU-22	20.92	0	2,346	R-22
R-417B	HFC	R-125/R-134a/R-600	A1		25.79	0	3,027	R-22
R-421A	HFC	R-125/R-134a	A1	RMS "Choice"	22.7	0	2,631	R-22
R-421B	HFC	R-125/R-134a	A1	RMS	26.75	0	3,190	R-22
R-422A	HFC	R-125/R-134a/R-600a	A1	MO-79	26.7	0	3,143	R-502, R-22
R-422B	HFC	R-125/R-134a/R-600a	A1	NU-22B	22.19	0	2,526	R-22
R-422C	HFC	R-125/R-134a/R-600a	A1		26.24	0	3,085	R-22
R-422D	HFC	R-125/R-134a/R-600a	A1	MO-29	23.7	0	2,729	R-22
R-424A	HFC	R-125/R-134a/R-600/R-600a/R-601a	A1	RS-44	21.52	0	2,440	R-22
R-427A	HFC	R-32/R-125/R-143a/R-134a	A1	FX-100	20.19	0	2,138	R-22
R-428A	HFC	R-125/R-143a/R-290/R-600a	A1	RS52	33.18	<0	3,607	R-22, R-502
R-434A	HFC	R-125/R-143a/R-134a/R-600a	A1	RS45	30.26	0	3,245	R-22
R-437A	HFC	R-125/R-134a/R-600/R-601	A1	MO-49Plus	16.89	0	1,805	
R-438A	HFC	R-32/R-125/R-134a/R-600/R-601a	A1	MO-99	19.9	0	2,265	R-22
R-500	HCFC	R-12/R-152a	A1	Carrene #7	74.17	0.738	8,077	R-401B, R-409A
R-501	HCFC	R-22/R-12	A1		34	0.2875	4,083	
R-502	HCFC	R-22/R-115	A1		876.26	0.250	4,657	R-404A, R-507A
R-503	HCFC	R-23/R-13	A1		491.63	0.599	14,560	R-508A
R-504	HCFC	R-32/R-115	A1		882.96	0.2279	4,143	
R-507A	HFC	R-125/R-143a	A1	AZ-50	40.5	0	3,985	R-12, R-502, R-22
R-508A	HFC	R-23/R-116	A1	Klea® 5R3	6,205	0	13,214	R-13, R-503
R-508B	HFC	R-23/R-116	A1	Suva® 95	5,524	0	13,396	R-13, R-503, R-13B1

Not a complete list of Refrigerants. Information from various sources including ASHRAE, Honeywell, Wikipedia