

	R-22	R-454 A	R-444 B	ARM-20b	R-290
GWP(AR4)	1810	239	295	251	3
ASHRAE 34 Classification	A1	A2L	A2L	A2L [†]	A3
Composition	Chlorodifluoro methane	R-32 / R-1234yf (35 / 65)	R-32/R-1234ze(E)/ R-152a (41.5 / 48.5 / 10)	R-32 / R-1234yf / R-152a (35 / 55 / 10)	propane
Efficiency* (COP)	1	↓ 4%	↓ 1%	↓ 2%	=
Capacity*	1	↑ 2%	↓ 2%	↑ 5%	↓ 10%
Condenser Glide* (R/K)	0	9.4 / 5.2	13.3 / 7.4	8.7 / 4.8	0

[†]Expected; *REFROP 9.1, 50°F evaporator/105°F condenser/0.70 compressor efficiency/20°R subcool/15°R superheat