

Refrigerant

Item	Full Name	Alias/Note	CAS	GWP	ODP	Normal Boiling Point/ Bubble Point(°C)
Harveston® ze	Trans-1,3,3,3-tetrafluoro-1-propene	HFO-1234ze (E)	29118-24-9	<1	0	-19
Harveston® 135	-	Direct Substitution for 134a or 1234yf	-	133	0	-26.3
Harveston® 150	-	Direct Substitution for 134a or 1234yf	-	148	0	-24.1
Harveston® 400	-	Direct Substitution for 134a or 1234yf	-	370	0	-26.8
R32	Difluoromethane	HFC-32	75-10-5	677	0	-51.7
R134a	1,1,1,2-Tetrafluoroethane	HFC-134a	811-97-2	1300	0	-27
R407c	-	-	-	1700	0	-43.8
R125	Pentafluoroethane	HFC-125	354-33-6	3170	0	-48.5
R410a	-	-	-	1924	0	-51.6
R404a	-	-	-	3922	0	-46.6
R143a	1,1,1-Trifluoroethane	HFC-143a	420-46-2	4800	0	-47
R507	-	-	-	3985	0	-46.7

Foaming Agent

Item	Full Name	Alias/Note	CAS	GWP	ODP	Normal Boiling Point/ Bubble Point(°C)
Harveston® zd	Trans-1-chloro-3,3,3-trifluoropropene	HCFO-1233zd (E)	102687-65-0	<1	<0.0004	18.1
R141b	1,1-Dichloro-1-fluoroethane	HCFC-141b	1717-00-6	782	0.069-0.102	32
R245fa	1,1,1-3,3-Pentafluoropropane	HFC-245fa	460-73-1	880	0	15

Fluorocarbon Intermediate

Item	Full Name	Alias/Note	CAS	GWP	ODP	Normal Boiling Point/ Bubble Point(°C)
HCC-1230xa	1,1,2,3-Tetrachloropropene	Tetrachloropropene, R1230xa, TCP, 4E	10436-39-2	-	-	161
HCC-250fb	1,1,1,3-Tetrachloropropane	Tetrachloropropane, R250fb	1070-78-6	-	-	158
R244bb	2-Chloro-1,1,1,2-tetrafluoropropane	HCFC-244bb	421-73-8	1600	0.027	13.4
R1233xf	2-Chloro-3,3,3-trifluoropropene	HCFO-1233xf	2730-62-3	-	-	12.4
HCC-240fa	1,1,1,3,3-pentachloropropane	Pentachloropropane, R240fa	23153-23-3	-	-	179
R245cb	1,1,1,2,2-Pentafluoropropane	HFC-245cb	1814-88-6	4000	0	-17.7

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