

R-410A

HFC Replacement for R-22

R-410A is the HFC alternative to R-22 in residential A/C systems.

R-410A offers superior performance with higher efficiency and cooling capacity compared to R-22.

R-410A has no negative impact on the ozone layer.

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Key features

Formulation	50% R-32 50% R-125
Classification	HFC
Available Sizes	25lb, 100lb, 800lb
Valve	Pressure-relief valve 1/4" RH thread
Oil Type	POE
Application	Residential A/C Commercial A/C
GWP	2,088
ODP	0
Operating Pressure	223.1 psia at 72°F (liquid) 222.4 psia at 72°F (vapor)
Flammability	A1 (non-toxic, non-flammable)
Certification Requirement	608 Certification

Previous and next generation of R-410A

Type	Generation	Refrigerants
Retrofit Refrigerants that can fill systems of previous generation refrigerants	Previous generation Gas with higher GWP or ODP	N/A
	Next generation Gas with lower GWP or ODP	▪ Commercial A/C – R-463A: GWP 1,397 (AR5)
Non-Retrofit Refrigerants that cannot fill systems of previous generation refrigerants	Previous generation Gas with higher GWP or ODP	▪ Commercial A/C – R-22: GWP 1,810
	Next generation Gas with lower GWP or ODP	▪ Commercial A/C – R-32: GWP 675 – R-452B: GWP 698 – R-454B: GWP 465 ▪ Residential A/C – R-32: GWP 675 – R-452B: GWP 698 – R-454B: GWP 465

Please check system instruction before servicing / repairing. Do not mix refrigerants.

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