

R-448A

HFO Replacement for R-404A

R-448A is a next-generation solution for R-22, R-507, R-404A, and R-407A in low- and medium- temperature refrigeration systems.

R-448A has higher energy efficiency than R-404A.

R-448A also has significantly less global warming potential (GWP 1,386) R-404A (GWP 3,922).

WEITRON

Contact us: 302-455-6655
weitron@weitron.com
www.weitron.com



Key features

Formulation	26% R-32 26% R-125 21% R-134 ^a 20% R-1234yf 7% R-1234ze(E)
Classification	HFO
Available Sizes	25lb, 100lb, 850lb
Valve	Pressure-relief valve 1/4" RH thread
Oil Type	POE
Application	Commercial Refrigeration Marine Refrigeration
GWP	1,386
ODP	0
Operating pressure	157.0 psia at 72°F (liquid) 133.7 psia at 72°F (vapor)
Flammability	A1 (non-toxic, non-flammable)
Certification Requirement	608 Certification

Previous and next generation of R-448A

Type	Generation	Refrigerants
Retrofit Refrigerants that can fill systems of previous generation refrigerants	Previous generation Gas with higher GWP or ODP	▪ Commercial Refrigeration – R-22: GWP 1,810 – R-402A: GWP 2,788 – R-402B: GWP 2,416 – R-404A: GWP 3,922 – R-407A: GWP 2,107 – R-407F: GWP 1,825 – R-407H: GWP 1,495 – R-408A: GWP 3,152 – R-507: GWP 3,985 ▪ Marine Refrigeration – R-22: GWP 1,810 – R-404A: GWP 3,922 – R-407F: GWP 1,825 – R-507: GWP 3,985
	Next generation Gas with lower GWP or ODP	N/A
Non-Retrofit Refrigerants that cannot fill systems of previous generation refrigerants	Previous generation Gas with higher GWP or ODP	N/A
	Next generation Gas with lower GWP or ODP	N/A

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

WEITRON

Contact us: 302-455-6655
weitron@weitron.com
www.weitron.com