

R-22

Previous-generation refrigerant for A/C systems

R-22 is the previous-generation refrigerant for home and commercial A/C.

R-22 has been phased down and can no longer be used in new systems due to its ozone-depleting nature.

WEITRON

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



Key features

Formulation	100% R-22
Classification	HCFC
Available Sizes	30lb, 125lb, 1000lb
Valve	Pressure-relief valve 1/4" RH thread
Oil Type	MO, AB, POE
Application	Residential A/C Commercial A/C Commercial Refrigeration Refrigerated Transport
GWP	1,810
ODP	0.05
Operating Pressure	140.4 psia at 72°F (liquid) 140.4 psia at 72°F (vapor)
Flammability	A1 (non-toxic, non-flammable)
Certification Requirement	608 Certification

Previous and next generations of R-22

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	▪ Residential A/C – R-407C: GWP 1,774 – R-410A: GWP 2,088 – R-421A: GWP 2,630 – R-422B: GWP 2,526 – R-422D: GWP 2,729 – R-427A: GWP 2,138 – R-438A: GWP 2,265 ▪ Commercial A/C – R-407C: GWP 1,774 – R-410A: GWP 2,088 – R-421A: GWP 2,630 – R-422B: GWP 2,526 – R-422D: GWP 2,729 – R-424A: GWP 2,439 – R-427A: GWP 2,138 – R-434A: GWP 3,245 – R-438A: GWP 2,265 – R-454C: GWP 146

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

WEITRON

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

Previous and next generations of R-22

Type	Generation	Refrigerants
Retrofit Refrigerants that can fill systems of previous generation refrigerants	Next generation Gas with lower GWP or ODP	▪ Commercial Refrigeration – R-404A: GWP 3,922 – R-407A: GWP 2,107 – R-407C: GWP 1,774 – R-407F: GWP 1,825 – R-407H: GWP 1,495 – R-410A: GWP 2,088 – R-421A: GWP 2,630 – R-422A: GWP 3,143 – R-422C: GWP 3,084 – R-424A: GWP 2,439 – R-427A: GWP 2,138 – R-428A: GWP 3,606 – R-434A: GWP 3,245 – R-448A: GWP 1,386 – R-449A: GWP 1,396 – R-454C: GWP 146 – R-507: GWP 3,985 ▪ Refrigerated Transport – R-404A: GWP 3,922 – R-407F: GWP 1,825 – R-417A: GWP 1,084 – R-434A: GWP 3,245 – R-448A: GWP 1,386 – R-449A: GWP 1,396 – R-507: GWP 3,985

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

WEITRON

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

Previous and next generations of R-22

Type	Generation	Refrigerants
Non-Retrofit Refrigerants that cannot fill systems of previous generation refrigerants	Previous generation Gas with higher GWP or ODP	▪ Residential A/C – R-12: GWP 10,900 ▪ Commercial A/C – R-12: GWP 10,900 ▪ Commercial Refrigeration – R-12: GWP 10,900 ▪ Refrigerated Transport – R-12: GWP 10,900
	Next generation Gas with lower GWP or ODP	▪ Residential A/C – R-410A: GWP 2,088 ▪ Commercial A/C – R-410A: GWP 2,088 – R-454A: GWP 237 ▪ Commercial Refrigeration – R-410A: GWP 2,088 – R-454A: GWP 237 ▪ Refrigerated Transport – R-454A: GWP 237

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

WEITRON

Contact us: 302-455-6655

weitron@weitron.com

www.weitron.com