

R407F (Genetron Performax LT) Medium & Low Temperature Environmental Replacement for R404A & R407A

What is Genetron Performax LT?

- HFC refrigerant (zero ODP) manufactured by Honeywell
- A patented blend of R32, R125 and R134a
- A1 safety classification

What are the benefits of Performax LT?

- Lowest GWP of all medium and low temperate blends
- Non toxic, non flammable, Non corrosive, and comparatively low operating pressures
- Medium temperature trials have shown energy savings of up to 15% compared to R404A and up to 3% compared to R407A
- Low temperature trials have shown up to 5% energy saving compared to R404A
- Indirect CO2 reductions due to better energy efficiency leads to a reduction in carbon footprint (approx 66% for medium temperature)
- Can also be used for R22 replacement, R407F is the only gas on market with same capacity and mass flow as R22 at low temperature

IMPORTANT:

Please note a change of lubricant is required when retrofitting from R22

	R22	R407A	R404A	R422D	Performax LT
Capacity* kJ/m3	1005	949	984	778	1020
ODP	0.05	0	0	0	0
GWP	1810	2107	3922	2729	1825

* evaporating -32°C; condensing 35°C

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