



LOW GWP by General Gas

Concern for the environment *deserves more efficiency*



New Solutions with
Low GWP and Improved Energy Efficiency
for Refrigeration and Air Conditioning

The HFO product line with reduced GWP Product table by application

Product	ASHRAE	GWP IPCC rev. 4 (IPCC rev. 5)	ODP						
				Industrial Refrigeration	Chiller	Commercial Refrigeration	Refrigerated Transports	Residential A/C	Automotive
Solstice® HFO 1234ze	HFO1234ze	6 (<1)		T > 0°C and MT	Replaces R134a	T > 0°C Replaces R134a			
Solstice® HFO 1234yf	HFO1234yf	4 (<1)			Replaces R134a				
Solstice® N13 Opteon® XP10	R450A R513A	604 (546) 631(572)		T > 0°C and MT	Replaces R134a	T > 0°C Replaces R134a			
Solstice® zd	HFO1233ze	1 (1)			Replaces R123				
Solstice® N40 Opteon® XP40	R448A R449A	1.387 (1.273) 1.397 (1.282)		MT (0° ÷ -15°C)		MT (0° ÷ -15°C)			
Solstice® L41y	R452B	698 (675)			Replaces R410A				
Solstice® L40X	R455A	148 (146)				Plug-in			
Opteon® XP44	R452A	2.141 (1945)		MT (0° ÷ -15°C) LT (below -15°C)		MT (0° ÷ -15°C) LT (below -15°C)			

Please visit our website and explore the latest solutions with reduced GWP, to help you meeting the new Regulatory Obligations (F-Gas 517/2014) responsibly and sustainably.

Low GWP Medium GWP Zero ODP