

Document Code: MRS-REF-410A

1. Product Description

High performance HFC refrigerant engineered for industrial cooling, HVAC and chiller systems. Zero ODP. Designed for optimized thermodynamic efficiency and compressor reliability.

2. Physical & Thermodynamic Properties

Property	Value
Boiling Point	-51.6 °C
Critical Temperature	72.5 °C
Critical Pressure	49.5 bar
GWP	2088
ODP	0
Temperature Glide	~0 K

3. Saturation Pressure – Temperature Table

Temp (°C)	Pressure (bar)
-10	5.3
0	7.0
10	9.1
20	11.8
30	15.0

4. Application & Safety Information

Compatible with POE lubricants. ASHRAE A1 safety classification (non-flammable, low toxicity). Ensure compliance with local refrigeration handling and environmental regulations.

Technical Disclaimer: Values provided are typical data and may vary depending on operating conditions. Design validation remains resp

Revision	Date	Prepared By
Rev.00	02.03.2026	Marsis Engineering