



REFRIGERANT GASES & PIPING

Mafron R-410A

BRAND

Mafron

SKU

RC_PROD_032

CATEGORY

Refrigerant Gases & Piping



OVERVIEW

Mafron R-410A is the 50/50 near-azeotropic blend of R-32 and R-125 that became the world standard for modern residential and light-commercial air conditioning. With negligible temperature glide (<0.2 K) it behaves like a single-component fluid in service, and its high volumetric capacity enabled the compact, efficient AC equipment now installed across India in vast numbers — all of which needs genuine service gas. The critical service fact: R-410A operates at roughly **50–60% higher pressures than R-22**. It is exclusively for equipment designed for it — never a retrofit gas for R-22 systems — and demands R-410A-rated gauges, hoses, and recovery equipment. POE lubricant only.

KEY FEATURES

ASHRAE Safety Class A1

zero ODP; negligible glide (<0.2 K)

Installed-base service standard

for modern split, VRF, and packaged AC

AHRI 700 guaranteed purity

certified purity sheets directly from Navin Fluorine (NFIL)

High volumetric capacity

high pressure requires R-410A-rated equipment

SPECIFICATIONS

PARAMETER	VALUE
ASHRAE DESIGNATION	R-410A
COMPOSITION (WT%)	R-32 / R-125 — 50 / 50 ($\pm$ component tolerances per AHRI 700)
GUARANTEED PURITY	$\geq 99.5\%$ by weight (blend total)