

R-744

SPECIFICATIONS FROM AHRI STANDARD 700

STANDARD SPECIFICATIONS	LIMIT VALUE
Purity	≥ 99,9 % weight
Water content	≤ 10 ppm weight
Acidity (HCl)	≤ 1 ppm weight
Condensable content (gas phase)	≤ 1,5 % volume
High boiling residue	≤ 0,0005 % volume

PHYSICAL PROPERTIES

Name	Carbon dioxide
Chemical formula	CO ₂
Boiling point at 1,013 bar	-78 °C
Critical temperature	30,98 °C
GWP [AR4]	1
Security class (ISO817, EN378, ASHRAE34)	A1
Ozone Depletion Potential	0
Lower flammability limits [kg/m ³]	Ininflammable
Oil	MO (Mineral oil) – PAO (Plyalpha-oléfines) AB (Alkylbenzène)

PACKAGING

15L, 30L, 50L, 12 bottle frame