

## Specification R438A

	Unit	
<b>Purity</b>	Weight-%	≥ 99.5
<b>Refrigerant Components</b>	N/A	R32/R125/R134a/R600/R601a
<b>Nominal Composition</b>	Weight-%	8.5/45.0/44.2/1.7/0.6
<b>Bubble Point</b>	°C @ 101.3 kPa	-43.0
<b>Dew Point</b>	°C @ 101.3 kPa	-36.4
<b>Critical Temperature</b>	°C	84.2
<b>Air and Other Non-condensables</b>	Vol.-%	≤ 1.5
<b>Water</b>	Ppm	≤ 10
<b>All Other Volatile Impurities</b>	Weight-%	≤ 0.5

## Individual Components

		max. Variation of the Composition
<b>R32</b>	Difluoromethane	-1.5/+0.5
<b>R125</b>	Pentafluoroethane	-1.5/+1.5
<b>R134a</b>	1,1,1,2-Tetrafluoroethane	-1.5/+1.5
<b>R600</b>	Isobutane	-0.2/+0.1
<b>R601a</b>	N-Pentane	-0.2/+0.1