

COMPOSICION GASES REFRIGERANTES

| | COMP | CFC (cloro-fluor-carbono) | HCFC (hidrog-cloro-fluor-carbono) | HFC (hidrog-fluor-carbono) | FC (fluor-carbono) | HC (hidrog-carbono) | HFO (hidro-fluoro-olefina) |
|----------|---------------|------------------------------|--------------------------------------|-------------------------------|-----------------------|------------------------|-------------------------------|
| R-11 | R-11 | 100% | | | | | |
| R-12 | R-12 | 100% | | | | | |
| R-13 | R-13 | 100% | | | | | |
| R-22 | R-22 | | 100% | | | | |
| R-23 | R-23 | | | 100% | | | |
| R-32 | R-32 | | | 100% | | | |
| R-114 | R-114 | 100% | | | | | |
| R-115 | R-115 | 100% | | | | | |
| R-116 | R-116 | | | | 100% | | |
| R-123 | R-123 | | 100% | | | | |
| R-124 | R-124 | | 100% | | | | |
| R-125 | R-125 | | | 100% | | | |
| R-134a | R-134a | | | 100% | | | |
| R-141b | R-141b | | 100% | | | | |
| R-142b | R-142b | | 100% | | | | |
| R-143a | R-143a | | | 100% | | | |
| R-152a | R-152a | | | 100% | | | |
| R-218 | R-218 | | | | 100% | | |
| R-227 | R-227 | | | 100% | | | |
| R-245fa | R-245fa | | | 100% | | | |
| R-236 | R-236 | | | 100% | | | |
| R-290 | Propano | | | | | 100% | |
| R-600 | Butano | | | | | 100% | |
| R-600a | Isobutano | | | | | 100% | |
| R-1234yf | R-1234yf | | | | | | 100% |
| R-401A | R-152a | | 53% | | | | |
| MP39 | R-124 | | 34% | 13% | | | |
| R-402A | R-125 | | | 60% | | 2% | |
| HP80 | R-290 (Prop) | | | | | | |
| | R-22 | | 38% | | | | |
| R-402B | R-125 | | | 38% | | 2% | |
| HP81 | R-290 (Prop) | | | | | | |
| | R-22 | | 60% | | | | |
| R-404A | R-125 | | | 44% | | | |
| | R-143a | | | 52% | | | |
| | R-134a | | | 4% | | | |
| R-406A | R-22 | | 55% | | | 4% | |
| | R-600a (Isob) | | | | | | |
| | R-142b | | 41% | | | | |
| R-407C | R-32 | | | 23% | | | |
| | R-125 | | | 25% | | | |
| | R-134a | | | 52% | | | |
| R-407F | R-134a | | | 40% | | | |
| Performa | R-32 | | | 30% | | | |
| | R-125 | | | 30% | | | |
| R-408A | R-22 | | 47% | | | | |
| | R-125 | | | 7% | | | |
| | R-143a | | | 46% | | | |
| R-409A | R-22 | | 60% | | | | |
| | R-124 | | 25% | | | | |
| | R-142b | | 15% | | | | |
| R-409B | R-22 | | 65% | | | | |
| | R-124 | | 25% | | | | |
| | R-142b | | 10% | | | | |

| | COMP | CFC (cloro-fluor-carbono) | HCFC (hidrog-cloro-fluor-carbono) | HFC (hidrog-fluor-carbono) | FC (fluor-carbono) | HC (hidrog-carbono) | HFO (hidro-fluoro-olefina) |
|------------|---------------|------------------------------|--------------------------------------|-------------------------------|-----------------------|------------------------|-------------------------------|
| R-410A | R-32 | | | 50% | | | |
| | R-125 | | | 50% | | | |
| R-410B | R-32 | | | 45% | | | |
| | R-125 | | | 55% | | | |
| R-412A | R-22 | | 70% | | | 5% | |
| | R-218 | | | | | | |
| | R-142b | | 25% | | | | |
| R-413A | R-218 | | | | 9% | | |
| <MO49 | R-134a | | | 88% | | | |
| | R-600a (Isob) | | | | | 3% | |
| R-417A | R-125 | | | 46.60% | | | |
| IscMO59 | R-134a | | | 50% | | 3.40% | |
| | R-600 (But) | | | | | | |
| R-422A | R-134a | | | 11.50% | | | |
| IscMO79 | R-125 | | | 85.10% | | 3.40% | |
| | R-600a (Isob) | | | | | | |
| R-422D | R-134a | | | 31.50% | | | |
| IscMO29 | R-125 | | | 65.10% | | 3.40% | |
| | R-600a (Isob) | | | | | | |
| R-423A | R-134a | | | 52.50% | | | |
| Isc39TC | R-227ea | | | 47.50% | | | |
| R-425A | R-32 | | | 18.50% | | | |
| | R-134a | | | 69.50% | | | |
| | R-227ea | | | 12% | | | |
| R-427A | R-134a | | | 50% | | | |
| FX-100 | R-125 | | | 25% | | | |
| | R-32 | | | 15% | | | |
| | R-143a | | | 10% | | | |
| R-437A | R-134a | | | 78.5% | | | |
| IscMO49 | R-125 | | | 19.5% | | 1.4% | |
| | R-600 (But) | | | | | 0.6% | |
| | R-601 (Pent) | | | | | | |
| R-438A | R-125 | | | 45% | | | |
| IscMO99 | R134a | | | 44.20% | | | |
| | R-32 | | | 8.50% | | 1.70% | |
| | R-600 (But) | | | | | | |
| R-449A | R-32 | | | 24.30% | | | |
| Opteon XP4 | R-125 | | | 24.70% | | | |
| | R-1234yf | | | | | | 25.30% |
| | R-134a | | | 25.7 | | | |
| R-502 | R-22 | | 48.8% | | | | |
| | R-115 | 51.2% | | | | | |
| R-503 | R-23 | | | 40.1% | | | |
| | R-13 | 59.9% | | | | | |
| R-507 | R-125 | | | 50% | | | |
| | R-143a | | | 50% | | | |
| R-508B | R-23 | | | 46% | | 54% | |
| | R-116 | | | | | | |