

In order to use a new compressor in a refrigerant circuit that is already functional, the oil quantity of the new compressor must be reduced by max. 80 cm³. The compressor oil quantity is 200 cm³ in the scope of delivery for a new compressor.

Basic vehicle: Distribution of oil quantity in the individual air-conditioning components

Component	Distribution of oil quantity in %	Oil quantity: low-pressure oil 8 in cm ³
Compressor	45	90
Condenser incl. dryer	10	20
Dryer cartridge	10	20
Intake pipe in engine compartment	10	20
Pressure line from compressor to condenser	-	-
Pressure line in engine compartment	5	10
Evaporator	20	40

Vehicle with 2+2: Distribution of oil quantity in the individual air-conditioning components

Component	Distribution of oil quantity in %	Oil quantity: low-pressure oil 8 in cm ³
Compressor	45	90
Condenser incl. dryer	10	20
Dryer cartridge	10	20
Intake pipe in engine compartment	10	20
Pressure line from compressor to condenser	-	-
Pressure line in engine compartment	5	10
FRONT evaporator	20	40
REAR evaporator	20	40
Intake pipe in floor area	10	20
Intake pipe in floor area	10	20
Intake pipe for rear AC	5	10
Pressure line for rear AC	5	10