

R134a Air Conditioning Filling Chart

BMW

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
1-Series (E81/E82/E87/E88)	N42/N45/N46/N52/M47	09.04-		500	10	PAG46	180
1-Series (E81/E82/E87/E88)	N43/N52/N54/N47	03.07-		590	10	PAG46	150
3-Series (E46)	Petrol	02.98-04.05		740	25	PAG46	150
3-Series (E46)	Diesel	04.98-04.05		680	10	PAG46	150
3-Series (E90/E91/E92/E93)		01.05-		590	10	PAG46	150
5-Series (E39)		11.95-05.04	Denso 7SBU16C comp.	1250	25	PAG46	180-250
5-Series (E39)		11.95-05.04	Seiko Seiki SS120DL comp.	750	10	PAG46	145-175
5-Series (E39)	525d/530d	08.98-05.04	Denso 7SBU16C comp.	680	10	PAG46	180-250
5-Series (E60/E61)	Petrol	07.03-08.10		810	10	PAG46	180
5-Series (E60/E61)	Diesel	07.03-06.05		810	10	PAG46	180
5-Series (E60/E61)	Diesel	07.05-08.10		700	10	PAG46	180
5-Series Gran Turismo (F07)		10.09-		850	10	PAG46	See manual
5-Series (F10/F11)		03.10-		850	10	PAG46	See manual
6-Series (E63/E64)		01.04-07.10		810	10	PAG46	180
6-Series (F12/F13)		03.11-		850	10	PAG46	See manual

Viscosity of PAG (PolyAlkylenGlycol) oil:

PAG46 = Low

PAG100 = Medium

PAG150 = High

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7-Series (E38)		10.98-11.01	Denso 7SBU16C comp.	680	10	PAG46	180
7-Series (E38)	725 TDS	04.96-11.01	Denso 7SBU16C comp.	1210	25	PAG46	250
7-Series (E38)	750 iL	12.94-11.01	Denso 10PA17C comp.	1270	25	PAG46	180
7-Series (E38)	750 iL	12.94-11.01	Denso 10PA17C comp. + Rear evap.	1400	25	PAG46	See manual
7-Series (E65/E66)		11.01-10.08		810	10	PAG46	180
7-Series (F01/F02/F03/F04)		11.08-		900	10	PAG46	See manual
X1 (E84)		10.09-		590	10	PAG46	150
X3 (E83)	Petrol	01.04-08.10		810	10	PAG46	150
X3 (E83)	Diesel	01.04-08.10		700	10	PAG46	150
X5 (E53)		05.00-09.06		440	10	PAG46	See manual
X5/X6 (E70/E71/E72)		02.07-		700	10	PAG46	150

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Z3 (E36)		10.95-06.03	Denso comp. Tube&Fin cond.	1000	25	PAG46	100-140
Z3 (E36)		10.95-06.03	Denso comp. + PF cond.	825	25	PAG46	100-140
Z3 (E36)		10.95-06.03	Seiko Seiki comp. + Tube&Fin cond.	1000	25	PAG46	150
Z3 (E36)		10.95-06.03	Seiko Seiki comp. + PF cond.	825	25	PAG46	150
Z4 (E85/E86)		02.03-08.08		740	10	PAG46	150
Z4 (E89)		05.09-		850	10	PAG46	See manual

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PAG150 = High